REPUBLIC SERVICES **SPECIAL WASTE PROFILE**

Requested Disposal Facility: 4174 El Centro LF TX

Waste Profile #
Sales Rep #.

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

I. Generator Information

Generator Name: Encycle/Texas, Inc.			
Generator Site Address: 5500 Up River Road			
City: Corpus Christi	County: Nueces	State: Texas	Zip: 78403
State ID/Reg No: 30003	State Approval/Waste Code: 00503902 (if applicable)		NAICS # :
Generator Mailing Address (if different): 555 N. Carancahua, Suite 600			
City: Corpus Christi	County: Nueces	State: Texas	Zip: 78478
Generator Contact Name: Mike Boudloche		Email: mboudloche@ch13boudloche.com	
Phone Number: (361) 693-9402	Ext:	Fax Number: (361) 883-4381	

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: Specialized Industrial Services		Contact Name: Patrick Tamez	
Billing Address: 14150 Vine Place		Email: patrick@ecologysis.com	
City: Cerritos	State: CA	Zip: 90703	Phone: (562) 921-9974

III. Waste Stream Information

Name of Waste: Non-hazardous concrete, cement, brick, and non-friable ACM construction debris

Process Generating Waste:

Demolition of tanks, equipment, and buildings at former Encycle/Texas, Inc. facility.

Physical State: ☑ SOLID ☐ SEMI-SOLID ☐ POWDER ☐ LIQUID

Method of Shipment: ☑ BULK ☐ DRUM ☐ BAGGED ☐ OTHER:

Estimated Annual Volume: 100,000 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: 9-14-10;10-13-[illegible]	Type of Sample: ☑ COMPOSITE SAMPLE ☐ GRAB SAMPLE
Sample ID Numbers: Non-Process Building Concrete, Non-Process Building Brick, West Cell House Concrete,	

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REPUBLIC SERVICES **SPECIAL WASTE PROFILE (continued)**

Waste Profile #

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. Concrete	80.000
2. Brick	10.000
3. Wood	5.000
4. Non-friable asbestos (galbestos)	4.000
5. Glass	1.000

Color	Odor (describe)	Does Waste Contain Free Liquids?	% Solids	pH:	Flash Point
gray-brown	None	☐ Yes or ☑ No	100.00	6-9	>200 °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.

TRUSTEE	Bankruptcy Estate of Recycle Texas
Authorized Representative Name/Title (Type or Print)	Company Name
Mike Bandlow	1-11-2011
Authorized Representative Signature	Date

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 560-22612-1

Job Description: CC001231.0001/Encycle

For:
ARCADIS U.S., Inc.
711 North Carancahua
Suite 1700
Corpus Christi, TX 78475

Attention: Mr. Ken Brandner

Approved for release.
Timothy L. Kellogg
Project Manager II
10/25/2010 2:36 PM

Timothy L. Kellogg
Project Manager II
tim.kellogg@testamericainc.com
10/25/2010

The test results entered in this report meet all NELAC requirements for accredited parameters. Any exceptions to NELAC requirements are noted in the report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. TestAmerica Corpus Christi Certifications and Approvals: NELAC TX T104704210-TX, NELAC KS E-10362, Oklahoma 9968, USDA Soil Permit P330-08-00033.

Job Narrative
560-22612-1

Receipt

All samples were received in good condition within temperature requirements. No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc. Job Number: 560-22612-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
560-22612-3	**WEST CELL HOUSE BRICK CORES**				
TCLP					
Lead		1.2	0.0050	mg/L	6020

METHOD SUMMARY

Client: ARCADIS U.S., Inc. Job Number: 560-22612-1

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Metals (ICP/MS)	TAL CC	SW846 6020	
TCLP Extraction	TAL CC		SW846 1311
Preparation, Total Metals	TAL CC		SW846 3010A

Lab References:

TAL CC = TestAmerica Corpus Christi

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 560-22612-1

Method	Analyst	Analyst ID
SW846 6020	Reyes, Eddie D	EDR

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 560-22612-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
560-22612-1	Smokestack Concrete Core	Solid	10/13/2010 1040	10/13/2010 1115
560-22612-2	East Cell House Concrete Core	Solid	10/13/2010 0920	10/13/2010 1115
560-22612-3	West Cell House Brick Cores	Solid	10/13/2010 1100	10/13/2010 1115

Client: ARCADIS U.S., Inc.

Job Number: 560-22612-1

Client Sample ID: **Smokestack Concrete Core**

Lab Sample ID: 560-22612-1

Client Matrix: Solid

Date Sampled: 10/13/2010 1040

Date Received: 10/13/2010 1115

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-52680		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-52589		Lab File ID:	199SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-52568		Initial Weight/Volume:	50 mL
Date Analyzed:	10/22/2010 0327			Final Weight/Volume:	50 mL
Date Prepared:	10/19/2010 1000				
Date Leached:	10/18/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Cadmium		<0.00085		0.00085	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22612-1

Client Sample ID: **East Cell House Concrete Core**

Lab Sample ID: 560-22612-2
Client Matrix: Solid

Date Sampled: 10/13/2010 0920
Date Received: 10/13/2010 1115

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-52597		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-52589		Lab File ID:	161SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-52568		Initial Weight/Volume:	50 mL
Date Analyzed:	10/20/2010 0331			Final Weight/Volume:	50 mL
Date Prepared:	10/19/2010 1000				
Date Leached:	10/18/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		<0.00073		0.00073	0.0050

Client: ARCADIS U.S., Inc.

Job Number: 560-22612-1

Client Sample ID: **West Cell House Brick Cores**

Lab Sample ID: 560-22612-3

Client Matrix: Solid

Date Sampled: 10/13/2010 1100

Date Received: 10/13/2010 1115

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-52597		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-52589		Lab File ID:	162SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-52568		Initial Weight/Volume:	50 mL
Date Analyzed:	10/20/2010 0337			Final Weight/Volume:	50 mL
Date Prepared:	10/19/2010 1000				
Date Leached:	10/18/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		1.2		0.00073	0.0050

QUALITY CONTROL RESULTS

Client: ARCADIS U.S., Inc.

Job Number: 560-22612-1

Method Blank - Batch: 560-52589

Method: 6020
Preparation: 3010A

Lab Sample ID: MB 560-52589/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/20/2010 0248
Date Prepared: 10/19/2010 1000

Analysis Batch: 560-52597
Prep Batch: 560-52589
Units: mg/L

Instrument ID: Micpms
Lab File ID: 153SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Lead	<0.00073		0.00073	0.0050

TCLP SPLPW Leachate Blank - Batch: 560-52589

Method: 6020
Preparation: 3010A
TCLP

Lab Sample ID: LB2 560-52568/2-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/20/2010 0321
Date Prepared: 10/19/2010 1000
Date Leached: 10/18/2010 1300

Analysis Batch: 560-52597
Prep Batch: 560-52589
Units: mg/L

Instrument ID: Micpms
Lab File ID: 159SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Lead	<0.00073		0.00073	0.0050

Method Blank - Batch: 560-52589

Method: 6020
Preparation: 3010A

Lab Sample ID: MB 560-52589/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/22/2010 0249
Date Prepared: 10/19/2010 1000

Analysis Batch: 560-52680
Prep Batch: 560-52589
Units: mg/L

Instrument ID: Micpms
Lab File ID: 192SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Cadmium	<0.00085		0.00085	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22612-1

TCLP SPLPW Leachate Blank - Batch: 560-52589

Method: 6020
Preparation: 3010A
TCLP

Lab Sample ID: LB2 560-52568/2-B
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/22/2010 0305
Date Prepared: 10/19/2010 1000
Date Leached: 10/18/2010 1300

Analysis Batch: 560-52680
Prep Batch: 560-52589
Units: mg/L

Instrument ID: Micpms
Lab File ID: 195SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Cadmium	<0.00085		0.00085	0.0020

Lab Control Sample - Batch: 560-52589

Method: 6020
Preparation: 3010A

Lab Sample ID: LCS 560-52589/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/20/2010 0253
Date Prepared: 10/19/2010 1000

Analysis Batch: 560-52597
Prep Batch: 560-52589
Units: mg/L

Instrument ID: Micpms
Lab File ID: 154SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Lead	0.400	0.325	81	80 - 120	

Lab Control Sample - Batch: 560-52589

Method: 6020
Preparation: 3010A

Lab Sample ID: LCS 560-52589/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/22/2010 0254
Date Prepared: 10/19/2010 1000

Analysis Batch: 560-52680
Prep Batch: 560-52589
Units: mg/L

Instrument ID: Micpms
Lab File ID: 193SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.400	0.422	105	80 - 120	

ARCADIS
Infrastructure, environment, buildings

ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page ___ of ___

Lab Work Order # Loc: 560 22612

Send Results to:

Contact & Company Name: Ken Brandner, ARCADIS	Telephone: 361-883-1353
Address: 711 N. Carancahua	Fax: 361-883-7565
City State Zip: Corpus Christi, TX 78401	E-mail Address: Kenneth.Brandner@arcadis-us.com
Project Name/Location (City, State): Encycle, Corpus Christi	Project #: CC001231.0001
Sampler's Printed Name: Kenneth Brandner	Sampler's Signature: Kenneth Brandner

Keys

Preservation Key:
A. H_2SO_4
B. HCL
C. HNO_3
D. NaOH
E. None
F. Other: _____
G. Other: _____
H. Other: _____

Container Information Key:
1. 40 ml Vial
2. 1 L Amber
3. 250 ml Plastic
4. 500 ml Plastic
5. Encore
6. 2 oz. Glass
7. 4 oz. Glass
8. 8 oz. Glass
9. Other: _____
10. Other: _____

Matrix Key:
SO - Soil, SE - Sediment, NL - NAPL/Oil, W - Water, SL - Sludge, SW - Sample Wipe, T - Tissue, A - Air, Other: _____

PARAMETER ANALYSIS & METHOD

Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	TCLP Cadmium		TCLP Lead					REMARKS
Preservative													
Filtered (✓)													
# of Containers													
Container Information													
Smokestack Concrete Core	10/13/10	10:40	X			X							TCLP Cadmium
East Cell House Concrete Core	10/13/10	9:20	X					X					TCLP Lead
West Cell House Brick Cores	10/13/10	11:00	X					X					TCLP Lead

Special Instructions/Comments: Normal turnaround

☐ Special QA/QC Instructions(✓):

Laboratory Information and Receipt		Relinquished By	Received By	Relinquished By	Laboratory Received By
Lab Name:	Cooler Custody Seal (✓)	Printed Name: Ken Brandner	Printed Name: Alice J. Mage	Printed Name:	Printed Name:
Cooler packed with ice (✓)	☑ Intact ☐ Not Intact	Signature: Ken Brandner	Signature: Alice J Mage	Signature:	Signature:
Specify Turnaround Requirements:	Sample Receipt: 14.8C	Firm: ARCADIS	Firm/Courier: TACC	Firm/Courier:	Firm:
Shipping Tracking #:	Condition/Cooler Temp: AMBIENT METALS	Date/Time: 10-13-10 11:15	Date/Time: 101310 1145	Date/Time:	Date/Time:

20730826 CofC AR Form 01.12.2007

Distribution: WHITE – Laboratory returns with results YELLOW – Lab copy PINK – Retained by ARCADIS

Login Sample Receipt Check List

Client: ARCADIS U.S., Inc.

Job Number: 560-22612-1

Login Number: 22612
Creator: Magee, Alice J.
List Number: 1

List Source: TestAmerica Corpus Christi

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Just sampled, ambient metals
Cooler Temperature is recorded.	True	14.4°C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 560-22066-1

SDG Number: September 14, 2010

Job Description: Encycle/CC001231.0001

For:
ARCADIS U.S., Inc.
711 North Carancahua
Suite 1700
Corpus Christi, TX 78475

Attention: Mr. Ken Brandner

Approved for release.
Timothy L. Kellogg
Project Manager II
9/29/2010 10:55 AM

Timothy L. Kellogg
Project Manager II
tim.kellogg@testamericainc.com
09/29/2010

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Job Narrative
560-22066-1

Receipt

All samples were received in good condition within temperature requirements.

Metals

Method(s) 6020: It was noted that some of the matrix spike and matrix spike duplicate (MS/MSD) recoveries for 560-22066-1 in batch #56051535 were outside of the control limits. Matrix interferences inherent to the sample are suspected to be the cause of the recoveries. The associated laboratory control sample (LCS) recovery met acceptance criteria. No other analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
560-22066-1	**NON PROCESS BLDG CONCRETE**					
Cyanide, Total		92	J B	510	ug/Kg	9012A
pH		8.82		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		7.8		0.010	%	Moisture
Percent Solids		92		0.010	%	Moisture
TCLP						
Arsenic		0.0022	J	0.0050	mg/L	6020
Barium		0.28		0.0050	mg/L	6020
Cadmium		0.0019	J	0.0020	mg/L	6020
Chromium		0.021		0.0050	mg/L	6020
Copper		0.0086	J	0.010	mg/L	6020
Lead		0.0042	J	0.0050	mg/L	6020
Nickel		0.012		0.0050	mg/L	6020
Vanadium		0.011		0.0050	mg/L	6020
Zinc		1.2		0.050	mg/L	6020
560-22066-2	**NON PROCESS BLDG BRICK**					
Cyanide, Total		74	J B	540	ug/Kg	9012A
pH		7.50		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		12		0.010	%	Moisture
Percent Solids		88		0.010	%	Moisture
TCLP						
Arsenic		0.053		0.0050	mg/L	6020
Barium		0.12		0.0050	mg/L	6020
Cadmium		0.0096		0.0020	mg/L	6020
Chromium		0.016		0.0050	mg/L	6020
Copper		0.056		0.010	mg/L	6020
Lead		0.017		0.0050	mg/L	6020
Nickel		0.0077		0.0050	mg/L	6020
Selenium		0.0012	J	0.0050	mg/L	6020
Thallium		0.0018		0.0010	mg/L	6020
Vanadium		0.21		0.0050	mg/L	6020
Zinc		1.3		0.050	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
560-22066-3	**WEST CELL HOUSE CONCRETE**					
Cyanide, Total		130	J B	440	ug/Kg	9012A
pH		11.3		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		0.60		0.010	%	Moisture
Percent Solids		99		0.010	%	Moisture
TCLP						
Arsenic		0.0027	J	0.0050	mg/L	6020
Barium		0.27		0.0050	mg/L	6020
Cadmium		0.0012	J	0.0020	mg/L	6020
Chromium		0.040		0.0050	mg/L	6020
Copper		0.0013	J	0.010	mg/L	6020
Lead		0.0016	J	0.0050	mg/L	6020
Nickel		0.0054		0.0050	mg/L	6020
Vanadium		0.0048	J	0.0050	mg/L	6020
Zinc		0.30		0.025	mg/L	6020
560-22066-4	**WEST CELL HOUSE BRICK**					
Cyanide, Total		710	B	420	ug/Kg	9012A
pH		5.95		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		0.13		0.010	%	Moisture
Percent Solids		100		0.010	%	Moisture
TCLP						
Arsenic		0.0022	J	0.0050	mg/L	6020
Barium		0.30		0.0050	mg/L	6020
Cadmium		0.0094		0.0020	mg/L	6020
Chromium		0.0088		0.0050	mg/L	6020
Copper		0.030		0.010	mg/L	6020
Lead		1.6		0.0050	mg/L	6020
Nickel		0.010		0.0050	mg/L	6020
Zinc		5.7		0.25	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
560-22066-5	**WEST CELL HOUSE FLOOR**					
Cyanide, Total		1800	B	510	ug/Kg	9012A
pH		2.83		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		6.1		0.010	%	Moisture
Percent Solids		94		0.010	%	Moisture
TCLP						
Arsenic		0.0028	J	0.0050	mg/L	6020
Barium		0.086		0.0050	mg/L	6020
Cadmium		0.43		0.0020	mg/L	6020
Chromium		0.053		0.0050	mg/L	6020
Copper		3.2		0.050	mg/L	6020
Lead		15		0.025	mg/L	6020
Nickel		0.30		0.0050	mg/L	6020
Thallium		0.0011		0.0010	mg/L	6020
Zinc		320		12	mg/L	6020
560-22066-6	**EAST CELL HOUSE CONCRETE**					
pH		10.5		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		12		0.010	%	Moisture
Percent Solids		88		0.010	%	Moisture
TCLP						
Antimony		0.0018	J	0.0050	mg/L	6020
Arsenic		0.0025	J	0.0050	mg/L	6020
Barium		0.25		0.0050	mg/L	6020
Cadmium		0.0011	J	0.0020	mg/L	6020
Chromium		0.0080		0.0050	mg/L	6020
Copper		0.0028	J	0.010	mg/L	6020
Lead		1.6		0.0050	mg/L	6020
Nickel		0.0028	J	0.0050	mg/L	6020
Selenium		0.0014	J	0.0050	mg/L	6020
Zinc		0.10		0.025	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
560-22066-7	**EAST CELL HOUSE BRICK**					
Cyanide, Total		53	J B	300	ug/Kg	9012A
pH		2.79		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		11		0.010	%	Moisture
Percent Solids		89		0.010	%	Moisture
TCLP						
Arsenic		0.0014	J	0.0050	mg/L	6020
Barium		0.41		0.0050	mg/L	6020
Chromium		0.0077		0.0050	mg/L	6020
Copper		0.0078	J	0.010	mg/L	6020
Lead		1.0		0.0050	mg/L	6020
Nickel		0.0068		0.0050	mg/L	6020
Zinc		0.21		0.025	mg/L	6020
560-22066-8	**EAST CELL HOUSE FLOOR**					
Cyanide, Total		270	J B	510	ug/Kg	9012A
pH		2.72		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		2.7		0.010	%	Moisture
Percent Solids		97		0.010	%	Moisture
TCLP						
Arsenic		0.0015	J	0.0050	mg/L	6020
Barium		0.072		0.0050	mg/L	6020
Cadmium		0.0062		0.0020	mg/L	6020
Chromium		0.023		0.0050	mg/L	6020
Copper		0.032		0.010	mg/L	6020
Lead		22		0.050	mg/L	6020
Nickel		0.077		0.0050	mg/L	6020
Zinc		2.9		0.25	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
560-22066-9	**FACILITY 2 EAST FLOOR**					
Cyanide, Total		3900	B	440	ug/Kg	9012A
pH		4.88		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		20		0.010	%	Moisture
Percent Solids		80		0.010	%	Moisture
TCLP						
Antimony		0.0066		0.0050	mg/L	6020
Arsenic		0.38		0.0050	mg/L	6020
Barium		0.14		0.0050	mg/L	6020
Cadmium		25		0.10	mg/L	6020
Chromium		0.015		0.0050	mg/L	6020
Copper		26		0.50	mg/L	6020
Lead		8.1		0.025	mg/L	6020
Nickel		3.9		0.025	mg/L	6020
Selenium		0.0016	J	0.0050	mg/L	6020
Thallium		0.0042		0.0010	mg/L	6020
Zinc		980		25	mg/L	6020
Mercury		0.00015	J	0.0020	mg/L	7470A
560-22066-10	**SMOKESTACK CONCRETE**					
Cyanide, Total		84	J B	450	ug/Kg	9012A
pH		5.62		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		9.1		0.010	%	Moisture
Percent Solids		91		0.010	%	Moisture
TCLP						
Antimony		0.011		0.0050	mg/L	6020
Arsenic		0.0026	J	0.0050	mg/L	6020
Barium		0.29		0.0050	mg/L	6020
Cadmium		0.99		0.0020	mg/L	6020
Chromium		0.0061		0.0050	mg/L	6020
Copper		0.26		0.010	mg/L	6020
Lead		0.035		0.0050	mg/L	6020
Nickel		0.042		0.0050	mg/L	6020
Selenium		0.043		0.0050	mg/L	6020
Zinc		91		2.5	mg/L	6020

EXECUTIVE SUMMARY - Detections

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
560-22066-11	**SMOKESTACK BRICK**					
Cyanide, Total		91	J B	490	ug/Kg	9012A
pH		5.75		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		0.89		0.010	%	Moisture
Percent Solids		99		0.010	%	Moisture
TCLP						
Arsenic		0.0075		0.0050	mg/L	6020
Barium		0.19		0.0050	mg/L	6020
Cadmium		0.23		0.0020	mg/L	6020
Chromium		0.0095		0.0050	mg/L	6020
Copper		0.23		0.010	mg/L	6020
Lead		0.11		0.0050	mg/L	6020
Nickel		0.027		0.0050	mg/L	6020
Selenium		0.0060		0.0050	mg/L	6020
Vanadium		0.015		0.0050	mg/L	6020
Zinc		15		0.50	mg/L	6020
560-22066-12	**FACILITY 2 WOOD**					
Cyanide, Total		330	J B	720	ug/Kg	9012A
pH		5.05		0.100	SU	9045D
Flammability Potential		>212			NONE	D4982-95
Percent Moisture		30		0.010	%	Moisture
Percent Solids		70		0.010	%	Moisture
TCLP						
Antimony		0.0095		0.0050	mg/L	6020
Arsenic		0.18		0.0050	mg/L	6020
Barium		0.19		0.0050	mg/L	6020
Cadmium		3.4		0.20	mg/L	6020
Chromium		0.053		0.0050	mg/L	6020
Copper		0.92		0.010	mg/L	6020
Lead		0.73		0.0050	mg/L	6020
Nickel		0.29		0.0050	mg/L	6020
Thallium		0.0015		0.0010	mg/L	6020
Zinc		69		2.5	mg/L	6020

METHOD SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Metals (ICP/MS)	TAL CC	SW846 6020	
TCLP Extraction	TAL CC		SW846 1311
Preparation, Total Metals	TAL CC		SW846 3010A
Mercury (CVAA)	TAL CC	SW846 7470A	
TCLP Extraction	TAL CC		SW846 1311
Preparation, Mercury	TAL CC		SW846 7470A
Cyanide, Reactive	TAL HOU	SW846 9012	
Cyanide, Reactive	TAL HOU		SW846 7.3.3
Cyanide, Total and/or Amenable	TAL HOU	SW846 9012A	
Sulfide, Reactive	TAL CC	SW846 9034	
Sulfide, Reactive	TAL CC		SW846 7.3.4
pH	TAL CC	SW846 9045D	
Flammability Potential Screening Analysis of Waste	TAL CC	ASTM D4982-95	
Percent Moisture	TAL CC	EPA Moisture	

Lab References:

TAL CC = TestAmerica Corpus Christi

TAL HOU = TestAmerica Houston

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Method	Analyst	Analyst ID
SW846 6020	Reyes, Eddie D	EDR
SW846 7470A	Mathewson, John E	JEM
SW846 9012	Walker, Gerald (Gerry) C	GCW
SW846 9012A	Walker, Gerald (Gerry) C	GCW
SW846 9034	Gonzalez, Sonia	SG
SW846 9045D	Fletcher, Starla	SRF
ASTM D4982-95	Reyes, Eddie D	EDR
EPA Moisture	Kurz, Shauna	SK

SAMPLE SUMMARY

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
560-22066-1	Non Process Bldg Concrete	Solid	09/14/2010 0910	09/14/2010 1356
560-22066-2	Non Process Bldg Brick	Solid	09/14/2010 0930	09/14/2010 1356
560-22066-3	West Cell House Concrete	Solid	09/14/2010 1130	09/14/2010 1356
560-22066-4	West Cell House Brick	Solid	09/14/2010 1115	09/14/2010 1356
560-22066-5	West Cell House Floor	Solid	09/14/2010 1050	09/14/2010 1356
560-22066-6	East Cell House Concrete	Solid	09/14/2010 1010	09/14/2010 1356
560-22066-7	East Cell House Brick	Solid	09/14/2010 0950	09/14/2010 1356
560-22066-8	East Cell House Floor	Solid	09/14/2010 1030	09/14/2010 1356
560-22066-9	Facility 2 East Floor	Solid	09/14/2010 1145	09/14/2010 1356
560-22066-10	Smokestack Concrete	Solid	09/14/2010 1230	09/14/2010 1356
560-22066-11	Smokestack Brick	Solid	09/14/2010 1215	09/14/2010 1356
560-22066-12	Facility 2 Wood	Solid	09/14/2010 1200	09/14/2010 1356

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **Non Process Bldg Concrete**

Lab Sample ID: 560-22066-1
Client Matrix: Solid

Date Sampled: 09/14/2010 0910
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	080SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1931			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		<0.0016		0.0016	0.0050
Arsenic		0.0022	J	0.0011	0.0050
Barium		0.28		0.00081	0.0050
Cadmium		0.0019	J	0.00085	0.0020
Chromium		0.021		0.0014	0.0050
Copper		0.0086	J	0.0012	0.010
Lead		0.0042	J	0.00073	0.0050
Nickel		0.012		0.0022	0.0050
Selenium		<0.0011		0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		<0.00069		0.00069	0.0010
Vanadium		0.011		0.0014	0.0050

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	048SMPL.D#.raw
Dilution:	2.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1434			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Zinc		1.2		0.0071	0.050

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1010			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **Non Process Bldg Brick**

Lab Sample ID: 560-22066-2
Client Matrix: Solid

Date Sampled: 09/14/2010 0930
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	083SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1948			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		<0.0016		0.0016	0.0050
Arsenic		0.053		0.0011	0.0050
Barium		0.12		0.00081	0.0050
Cadmium		0.0096		0.00085	0.0020
Chromium		0.016		0.0014	0.0050
Copper		0.056		0.0012	0.010
Lead		0.017		0.00073	0.0050
Nickel		0.0077		0.0022	0.0050
Selenium		0.0012	J	0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		0.0018		0.00069	0.0010
Vanadium		0.21		0.0014	0.0050

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	049SMPL.D#.raw
Dilution:	2.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1440			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Zinc		1.3		0.0071	0.050

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1013			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **West Cell House Concrete**

Lab Sample ID: 560-22066-3
Client Matrix: Solid

Date Sampled: 09/14/2010 1130
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	084SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1954			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		<0.0016		0.0016	0.0050
Arsenic		0.0027	J	0.0011	0.0050
Barium		0.27		0.00081	0.0050
Cadmium		0.0012	J	0.00085	0.0020
Chromium		0.040		0.0014	0.0050
Copper		0.0013	J	0.0012	0.010
Lead		0.0016	J	0.00073	0.0050
Nickel		0.0054		0.0022	0.0050
Selenium		<0.0011		0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		<0.00069		0.00069	0.0010
Vanadium		0.0048	J	0.0014	0.0050
Zinc		0.30		0.0036	0.025

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1015			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **West Cell House Brick**

Lab Sample ID: 560-22066-4
Client Matrix: Solid

Date Sampled: 09/14/2010 1115
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	085SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1959			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		<0.0016		0.0016	0.0050
Arsenic		0.0022	J	0.0011	0.0050
Barium		0.30		0.00081	0.0050
Cadmium		0.0094		0.00085	0.0020
Chromium		0.0088		0.0014	0.0050
Copper		0.030		0.0012	0.010
Lead		1.6		0.00073	0.0050
Nickel		0.010		0.0022	0.0050
Selenium		<0.0011		0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		<0.00069		0.00069	0.0010
Vanadium		<0.0014		0.0014	0.0050

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	050SMPL.D#.raw
Dilution:	10	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1447			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Zinc		5.7		0.036	0.25

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1022			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **West Cell House Floor**

Lab Sample ID: 560-22066-5
Client Matrix: Solid

Date Sampled: 09/14/2010 1050
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	086SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 2005			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		<0.0016		0.0016	0.0050
Arsenic		0.0028	J	0.0011	0.0050
Barium		0.086		0.00081	0.0050
Cadmium		0.43		0.00085	0.0020
Chromium		0.053		0.0014	0.0050
Nickel		0.30		0.0022	0.0050
Selenium		<0.0011		0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		0.0011		0.00069	0.0010
Vanadium		<0.0014		0.0014	0.0050

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	051SMPL.D#.raw
Dilution:	5.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1453			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Copper		3.2		0.0058	0.050
Lead		15		0.0037	0.025

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	056SMPL.D#.raw
Dilution:	500	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1520			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Zinc		320		1.8	12

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1025			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **West Cell House Floor**

Lab Sample ID: 560-22066-5
Client Matrix: Solid

Date Sampled: 09/14/2010 1050
Date Received: 09/14/2010 1356

7470A Mercury (CVAA)-TCLP

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **East Cell House Concrete**

Lab Sample ID: 560-22066-6
Client Matrix: Solid

Date Sampled: 09/14/2010 1010
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51484		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51431		Lab File ID:	184SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51423		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 0624			Final Weight/Volume:	50 mL
Date Prepared:	09/17/2010 0930				
Date Leached:	09/16/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		0.0018	J	0.0016	0.0050
Arsenic		0.0025	J	0.0011	0.0050
Barium		0.25		0.00081	0.0050
Cadmium		0.0011	J	0.00085	0.0020
Chromium		0.0080		0.0014	0.0050
Copper		0.0028	J	0.0012	0.010
Lead		1.6		0.00073	0.0050
Nickel		0.0028	J	0.0022	0.0050
Selenium		0.0014	J	0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		<0.00069		0.00069	0.0010
Vanadium		<0.0014		0.0014	0.0050
Zinc		0.10		0.0036	0.025

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51423		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1028			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/16/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **East Cell House Brick**

Lab Sample ID: 560-22066-7
Client Matrix: Solid

Date Sampled: 09/14/2010 0950
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	090SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 2027			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		<0.0016		0.0016	0.0050
Arsenic		0.0014	J	0.0011	0.0050
Barium		0.41		0.00081	0.0050
Cadmium		<0.00085		0.00085	0.0020
Chromium		0.0077		0.0014	0.0050
Copper		0.0078	J	0.0012	0.010
Lead		1.0		0.00073	0.0050
Nickel		0.0068		0.0022	0.0050
Selenium		<0.0011		0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		<0.00069		0.00069	0.0010
Vanadium		<0.0014		0.0014	0.0050
Zinc		0.21		0.0036	0.025

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1030			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **East Cell House Floor**

Lab Sample ID: 560-22066-8
Client Matrix: Solid

Date Sampled: 09/14/2010 1030
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	091SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 2032			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		<0.0016		0.0016	0.0050
Arsenic		0.0015	J	0.0011	0.0050
Barium		0.072		0.00081	0.0050
Cadmium		0.0062		0.00085	0.0020
Chromium		0.023		0.0014	0.0050
Copper		0.032		0.0012	0.010
Nickel		0.077		0.0022	0.0050
Selenium		<0.0011		0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		<0.00069		0.00069	0.0010
Vanadium		<0.0014		0.0014	0.0050

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	057SMPL.D#.raw
Dilution:	10	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1525			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		22		0.0073	0.050
Zinc		2.9		0.036	0.25

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1032			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **Facility 2 East Floor**

Lab Sample ID: 560-22066-9
Client Matrix: Solid

Date Sampled: 09/14/2010 1145
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	092SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 2038			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		0.0066		0.0016	0.0050
Arsenic		0.38		0.0011	0.0050
Barium		0.14		0.00081	0.0050
Chromium		0.015		0.0014	0.0050
Selenium		0.0016	J	0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		0.0042		0.00069	0.0010
Vanadium		<0.0014		0.0014	0.0050

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	058SMPL.D#.raw
Dilution:	5.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1531			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Lead		8.1		0.0037	0.025
Nickel		3.9		0.011	0.025

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	059SMPL.D#.raw
Dilution:	50	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1536			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Cadmium		25		0.043	0.10
Copper		26		0.058	0.50

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	060SMPL.D#.raw
Dilution:	1000	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1542			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Zinc		980		3.6	25

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **Facility 2 East Floor**

Lab Sample ID: 560-22066-9
Client Matrix: Solid

Date Sampled: 09/14/2010 1145
Date Received: 09/14/2010 1356

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1035			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/15/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		0.00015	J	0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **Smokestack Concrete**

Lab Sample ID: 560-22066-10
Client Matrix: Solid

Date Sampled: 09/14/2010 1230
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	093SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 2043			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/16/2010 1145				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		0.011		0.0016	0.0050
Arsenic		0.0026	J	0.0011	0.0050
Barium		0.29		0.00081	0.0050
Cadmium		0.99		0.00085	0.0020
Chromium		0.0061		0.0014	0.0050
Copper		0.26		0.0012	0.010
Lead		0.035		0.00073	0.0050
Nickel		0.042		0.0022	0.0050
Selenium		0.043		0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		<0.00069		0.00069	0.0010
Vanadium		<0.0014		0.0014	0.0050

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	061SMPL.D#.raw
Dilution:	100	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1547			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/16/2010 1145				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Zinc		91		0.36	2.5

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1038			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/16/2010 1145				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **Smokestack Brick**

Lab Sample ID: 560-22066-11
Client Matrix: Solid

Date Sampled: 09/14/2010 1215
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	094SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 2049			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/16/2010 1145				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		<0.0016		0.0016	0.0050
Arsenic		0.0075		0.0011	0.0050
Barium		0.19		0.00081	0.0050
Cadmium		0.23		0.00085	0.0020
Chromium		0.0095		0.0014	0.0050
Copper		0.23		0.0012	0.010
Lead		0.11		0.00073	0.0050
Nickel		0.027		0.0022	0.0050
Selenium		0.0060		0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		<0.00069		0.00069	0.0010
Vanadium		0.015		0.0014	0.0050

Method:	6020	Analysis Batch: 560-51578		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51415		Lab File ID:	062SMPL.D#.raw
Dilution:	20	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/22/2010 1552			Final Weight/Volume:	50 mL
Date Prepared:	09/16/2010 1600				
Date Leached:	09/16/2010 1145				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Zinc		15		0.071	0.50

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51386		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1040			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/16/2010 1145				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Client Sample ID: **Facility 2 Wood**

Lab Sample ID: 560-22066-12
Client Matrix: Solid

Date Sampled: 09/14/2010 1200
Date Received: 09/14/2010 1356

6020 Metals (ICP/MS)-TCLP

Method:	6020	Analysis Batch: 560-51484		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51431		Lab File ID:	185SMPL.D#.raw
Dilution:	1.0	Leachate Batch: 560-51423		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 0629			Final Weight/Volume:	50 mL
Date Prepared:	09/17/2010 0930				
Date Leached:	09/16/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Antimony		0.0095		0.0016	0.0050
Arsenic		0.18		0.0011	0.0050
Barium		0.19		0.00081	0.0050
Chromium		0.053		0.0014	0.0050
Copper		0.92		0.0012	0.010
Lead		0.73		0.00073	0.0050
Nickel		0.29		0.0022	0.0050
Selenium		<0.0011		0.0011	0.0050
Silver		<0.00094		0.00094	0.0050
Thallium		0.0015		0.00069	0.0010
Vanadium		<0.0014		0.0014	0.0050

Method:	6020	Analysis Batch: 560-51535		Instrument ID:	Micpms
Preparation:	3010A	Prep Batch: 560-51431		Lab File ID:	073SMPL.D#.raw
Dilution:	100	Leachate Batch: 560-51423		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1853			Final Weight/Volume:	50 mL
Date Prepared:	09/17/2010 0930				
Date Leached:	09/16/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Cadmium		3.4		0.085	0.20
Zinc		69		0.36	2.5

7470A Mercury (CVAA)-TCLP

Method:	7470A	Analysis Batch: 560-51530		Instrument ID:	Mhg1
Preparation:	7470A	Prep Batch: 560-51529		Lab File ID:	100921W.PRN
Dilution:	1.0	Leachate Batch: 560-51423		Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 1042			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				
Date Leached:	09/16/2010 1300				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	MDL	RL
Mercury		<0.00013		0.00013	0.0020

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

General Chemistry

Client Sample ID: **Non Process Bldg Concrete**

Lab Sample ID: 560-22066-1
Client Matrix: Solid

Date Sampled: 09/14/2010 0910
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 0800						
Cyanide, Total	92	J B	ug/Kg	36	510	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1415						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	8.82		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	7.8		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	92		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

General Chemistry

Client Sample ID: **Non Process Bldg Brick**

Lab Sample ID: 560-22066-2
Client Matrix: Solid

Date Sampled: 09/14/2010 0930
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 0800						
Cyanide, Total	74	J B	ug/Kg	38	540	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1416						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	7.50		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	12		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	88		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

General Chemistry

Client Sample ID: **West Cell House Concrete**

Lab Sample ID: 560-22066-3
Client Matrix: Solid

Date Sampled: 09/14/2010 1130
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 0800						
Cyanide, Total	130	J B	ug/Kg	31	440	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1416						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	11.3		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	0.60		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	99		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

General Chemistry

Client Sample ID: **West Cell House Brick**

Lab Sample ID: 560-22066-4
Client Matrix: Solid

Date Sampled: 09/14/2010 1115
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 0800						
Cyanide, Total	710	B	ug/Kg	30	420	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1418						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	5.95		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	0.13		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	100		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

General Chemistry

Client Sample ID: **West Cell House Floor**

Lab Sample ID: 560-22066-5
Client Matrix: Solid

Date Sampled: 09/14/2010 1050
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 1000						
Cyanide, Total	1800	B	ug/Kg	36	510	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1413						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	2.83		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	6.1		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	94		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

General Chemistry

Client Sample ID: **East Cell House Concrete**

Lab Sample ID: 560-22066-6
Client Matrix: Solid

Date Sampled: 09/14/2010 1010
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 1000						
Cyanide, Total	<39		ug/Kg	39	560	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1419						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	10.5		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	12		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	88		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

General Chemistry

Client Sample ID: **East Cell House Brick**

Lab Sample ID: 560-22066-7
Client Matrix: Solid

Date Sampled: 09/14/2010 0950
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 1000						
Cyanide, Total	53	J B	ug/Kg	21	300	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1420						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	2.79		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	11		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	89		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

General Chemistry

Client Sample ID: **East Cell House Floor**

Lab Sample ID: 560-22066-8
Client Matrix: Solid

Date Sampled: 09/14/2010 1030
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 1000						
Cyanide, Total	270	J B	ug/Kg	36	510	1.0	9012A
Analysis Batch: 600-40357	Date Analyzed: 09/23/2010 1735						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	2.72		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	2.7		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	97		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

General Chemistry

Client Sample ID: **Facility 2 East Floor**

Lab Sample ID: 560-22066-9
Client Matrix: Solid

Date Sampled: 09/14/2010 1145
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 1000						
Cyanide, Total	3900	B	ug/Kg	31	440	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1421						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	4.88		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	20		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	80		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

General Chemistry

Client Sample ID: **Smokestack Concrete**

Lab Sample ID: 560-22066-10
Client Matrix: Solid

Date Sampled: 09/14/2010 1230
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 1000						
Cyanide, Total	84	J B	ug/Kg	32	450	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1421						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	5.62		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	9.1		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	91		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

General Chemistry

Client Sample ID: **Smokestack Brick**

Lab Sample ID: 560-22066-11
Client Matrix: Solid

Date Sampled: 09/14/2010 1215
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 1000						
Cyanide, Total	91	J B	ug/Kg	34	490	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1422						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	5.75		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	0.89		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	99		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

General Chemistry

Client Sample ID: **Facility 2 Wood**

Lab Sample ID: 560-22066-12
Client Matrix: Solid

Date Sampled: 09/14/2010 1200
Date Received: 09/14/2010 1356

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Cyanide, Reactive	<18		ug/Kg	18	250	1.0	9012
Analysis Batch: 600-40619	Date Analyzed: 09/28/2010 1715						DryWt Corrected: N
Prep Batch: 600-40596	Date Prepared: 09/28/2010 1000						
Cyanide, Total	330	J B	ug/Kg	50	720	1.0	9012A
Analysis Batch: 600-40506	Date Analyzed: 09/27/2010 1423						DryWt Corrected: Y

Analyte	Result	Qual	Units			Dil	Method
Flammability Potential	>212		NONE			1.0	D4982-95
Analysis Batch: 560-51734	Date Analyzed: 09/27/2010 1430						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Sulfide, Reactive	<50		mg/Kg	50	50	1.0	9034
Analysis Batch: 560-51703	Date Analyzed: 09/21/2010 0930						DryWt Corrected: N
Prep Batch: 560-51661	Date Prepared: 09/21/2010 0830						
pH	5.05		SU	0.100	0.100	1.0	9045D
Analysis Batch: 560-51344	Date Analyzed: 09/15/2010 1000						DryWt Corrected: N
Percent Moisture	30		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N
Percent Solids	70		%	0.010	0.010	1.0	Moisture
Analysis Batch: 560-51376	Date Analyzed: 09/15/2010 1400						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Lab Section	Qualifier	Description
Metals		
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
General Chemistry		
	B	Compound was found in the blank and sample.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

QUALITY CONTROL RESULTS

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Method Blank - Batch: 560-51415

Method: 6020
Preparation: 3010A

Lab Sample ID: MB 560-51415/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2010 1915
Date Prepared: 09/16/2010 1600

Analysis Batch: 560-51535
Prep Batch: 560-51415
Units: mg/L

Instrument ID: Micpms
Lab File ID: 077SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Antimony	<0.0016		0.0016	0.0050
Arsenic	<0.0011		0.0011	0.0050
Barium	<0.00081		0.00081	0.0050
Cadmium	<0.00085		0.00085	0.0020
Chromium	<0.0014		0.0014	0.0050
Copper	<0.0012		0.0012	0.010
Lead	<0.00073		0.00073	0.0050
Nickel	<0.0022		0.0022	0.0050
Selenium	<0.0011		0.0011	0.0050
Silver	<0.00094		0.00094	0.0050
Thallium	<0.00069		0.00069	0.0010
Vanadium	<0.0014		0.0014	0.0050
Zinc	<0.0036		0.0036	0.025

Lab Control Sample - Batch: 560-51415

Method: 6020
Preparation: 3010A

Lab Sample ID: LCS 560-51415/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2010 1921
Date Prepared: 09/16/2010 1600

Analysis Batch: 560-51535
Prep Batch: 560-51415
Units: mg/L

Instrument ID: Micpms
Lab File ID: 078SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	0.400	0.426	107	80 - 120	
Arsenic	0.400	0.403	101	80 - 120	
Barium	0.400	0.408	102	80 - 120	
Cadmium	0.400	0.412	103	80 - 120	
Chromium	0.400	0.393	98	80 - 120	
Copper	0.400	0.378	95	80 - 120	
Lead	0.400	0.414	104	80 - 120	
Nickel	0.400	0.386	97	80 - 120	
Selenium	0.400	0.396	99	80 - 120	
Silver	0.400	0.435	109	80 - 120	
Thallium	0.200	0.197	98	80 - 120	
Vanadium	0.400	0.396	99	80 - 120	
Zinc	0.400	0.399	100	80 - 120	

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-51415

Method: 6020
Preparation: 3010A
TCLP

MS Lab Sample ID:	560-22066-1	Analysis Batch: 560-51535	Instrument ID: Micpms
Client Matrix:	Solid	Prep Batch: 560-51415	Lab File ID: 081SMPL.D#.raw
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/21/2010 1937		Final Weight/Volume: 50 mL
Date Prepared:	09/16/2010 1600		
Date Leached:	09/15/2010 1300		

MSD Lab Sample ID:	560-22066-1	Analysis Batch: 560-51535	Instrument ID: Micpms
Client Matrix:	Solid	Prep Batch: 560-51415	Lab File ID: 082SMPL.D#.raw
Dilution:	1.0		Initial Weight/Volume: 50 mL
Date Analyzed:	09/21/2010 1942		Final Weight/Volume: 50 mL
Date Prepared:	09/16/2010 1600		
Date Leached:	09/15/2010 1300		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	98	96	80 - 120	2	20		
Arsenic	91	87	80 - 120	4	20		
Barium	82	77	80 - 120	3	20		F
Cadmium	91	87	80 - 120	4	20		
Chromium	84	83	80 - 120	2	20		
Copper	79	78	80 - 120	2	20	F	F
Lead	95	94	80 - 120	1	20		
Nickel	82	79	80 - 120	4	20		F
Selenium	85	85	80 - 120	0.1	20		
Silver	97	91	80 - 120	7	20		
Thallium	84	84	80 - 120	0.6	20		
Vanadium	89	88	80 - 120	1	20		
Zinc	64	55	80 - 120	2	20	F	F

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 560-51415

Method: 6020
Preparation: 3010A
TCLP

MS Lab Sample ID:	560-22066-1	Units: mg/L	MSD Lab Sample ID: 560-22066-1
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	09/21/2010 1937		Date Analyzed: 09/21/2010 1942
Date Prepared:	09/16/2010 1600		Date Prepared: 09/16/2010 1600
Date Leached:	09/15/2010 1300		Date Leached: 09/15/2010 1300

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Antimony	<0.0016		0.400	0.400	0.390		0.384	
Arsenic	0.0022	J	0.400	0.400	0.365		0.352	
Barium	0.28		0.400	0.400	0.602		0.584	F
Cadmium	0.0019	J	0.400	0.400	0.366		0.350	
Chromium	0.021		0.400	0.400	0.358		0.352	
Copper	0.0086	J	0.400	0.400	0.326	F	0.321	F
Lead	0.0042	J	0.400	0.400	0.384		0.380	
Nickel	0.012		0.400	0.400	0.340		0.327	F
Selenium	<0.0011		0.400	0.400	0.340		0.340	
Silver	<0.00094		0.400	0.400	0.387		0.362	
Thallium	<0.00069		0.200	0.200	0.169		0.168	
Vanadium	0.011		0.400	0.400	0.367		0.363	
Zinc	1.2		0.400	0.400	1.46	F	1.42	F

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Method Blank - Batch: 560-51431

Method: 6020
Preparation: 3010A

Lab Sample ID: MB 560-51431/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2010 0509
Date Prepared: 09/17/2010 0930

Analysis Batch: 560-51484
Prep Batch: 560-51431
Units: mg/L

Instrument ID: Micpms
Lab File ID: 171SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Antimony	<0.0016		0.0016	0.0050
Arsenic	<0.0011		0.0011	0.0050
Barium	<0.00081		0.00081	0.0050
Cadmium	<0.00085		0.00085	0.0020
Chromium	<0.0014		0.0014	0.0050
Copper	<0.0012		0.0012	0.010
Lead	<0.00073		0.00073	0.0050
Nickel	<0.0022		0.0022	0.0050
Selenium	<0.0011		0.0011	0.0050
Silver	<0.00094		0.00094	0.0050
Thallium	<0.00069		0.00069	0.0010
Vanadium	<0.0014		0.0014	0.0050
Zinc	<0.0036		0.0036	0.025

Lab Control Sample - Batch: 560-51431

Method: 6020
Preparation: 3010A

Lab Sample ID: LCS 560-51431/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/21/2010 0515
Date Prepared: 09/17/2010 0930

Analysis Batch: 560-51484
Prep Batch: 560-51431
Units: mg/L

Instrument ID: Micpms
Lab File ID: 172SMPL.D#.raw
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Antimony	0.400	0.379	95	80 - 120	
Arsenic	0.400	0.392	98	80 - 120	
Barium	0.400	0.382	96	80 - 120	
Cadmium	0.400	0.365	91	80 - 120	
Chromium	0.400	0.369	92	80 - 120	
Copper	0.400	0.353	88	80 - 120	
Lead	0.400	0.375	94	80 - 120	
Nickel	0.400	0.353	88	80 - 120	
Selenium	0.400	0.393	98	80 - 120	
Silver	0.400	0.342	86	80 - 120	
Thallium	0.200	0.191	95	80 - 120	
Vanadium	0.400	0.382	95	80 - 120	
Zinc	0.400	0.378	95	80 - 120	

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Method Blank - Batch: 560-51529

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 560-51529/4-A	Analysis Batch:	560-51530	Instrument ID:	Mhg1
Client Matrix:	Water	Prep Batch:	560-51529	Lab File ID:	100921W.PRN
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 0944			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				

Analyte	Result	Qual	MDL	RL
Mercury	<0.00013		0.00013	0.0020

Lab Control Sample - Batch: 560-51529

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 560-51529/5-A	Analysis Batch:	560-51530	Instrument ID:	Mhg1
Client Matrix:	Water	Prep Batch:	560-51529	Lab File ID:	100921W.PRN
Dilution:	1.0	Units:	mg/L	Initial Weight/Volume:	50 mL
Date Analyzed:	09/21/2010 0946			Final Weight/Volume:	50 mL
Date Prepared:	09/20/2010 1400				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.00500	0.00569	114	80 - 120	

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Method Blank - Batch: 600-40596

Method: 9012
Preparation: 7.3.3

Lab Sample ID: MB 600-40596/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/28/2010 1715
Date Prepared: 09/28/2010 0800

Analysis Batch: 600-40619
Prep Batch: 600-40596
Units: ug/Kg

Instrument ID: WC05
Lab File ID: N/A
Initial Weight/Volume: 10 g
Final Weight/Volume: 250 mL

Analyte	Result	Qual	MDL	RL
Cyanide, Reactive	<18		18	250

Lab Control Sample - Batch: 600-40596

Method: 9012
Preparation: 7.3.3

Lab Sample ID: LCS 600-40596/2-A
Client Matrix: Solid
Dilution: 20
Date Analyzed: 09/28/2010 1715
Date Prepared: 09/28/2010 0800

Analysis Batch: 600-40619
Prep Batch: 600-40596
Units: ug/Kg

Instrument ID: WC05
Lab File ID: N/A
Initial Weight/Volume: 10 g
Final Weight/Volume: 250 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Reactive	1000000	64900	6	0 - 100	

Matrix Spike - Batch: 600-40596

Method: 9012
Preparation: 7.3.3

Lab Sample ID: 560-22066-5
Client Matrix: Solid
Dilution: 20
Date Analyzed: 09/28/2010 1715
Date Prepared: 09/28/2010 1000

Analysis Batch: 600-40619
Prep Batch: 600-40596
Units: ug/Kg

Instrument ID: WC05
Lab File ID: N/A
Initial Weight/Volume: 10 g
Final Weight/Volume: 250 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Reactive	<18	1000000	38900	4	0 - 100	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Duplicate - Batch: 600-40596

Method: 9012
Preparation: 7.3.3

Lab Sample ID:	560-22066-5	Analysis Batch:	600-40619	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	600-40596	Lab File ID:	N/A
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	10 g
Date Analyzed:	09/28/2010 1715			Final Weight/Volume:	250 mL
Date Prepared:	09/28/2010 1000				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cyanide, Reactive	<18	<18	NC	20	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Method Blank - Batch: 600-40357

Method: 9012A
Preparation: N/A

Lab Sample ID:	MB 600-40357/10	Analysis Batch:	600-40357	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	092310CA.TXT
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	1.0435 mL
Date Analyzed:	09/23/2010 1726			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	99.4	J	34	480

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

High Level Control Sample - Batch: 600-40357

Method: 9012A
Preparation: N/A

Lab Sample ID: HLCS 600-40357/11
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/23/2010 1727
Date Prepared: N/A

Analysis Batch: 600-40357
Prep Batch: N/A
Units: ug/Kg

Instrument ID: WC05
Lab File ID: 092310CA.TXT
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	300	290	97	90 - 110	

Low Level Control Sample - Batch: 600-40357

Method: 9012A
Preparation: N/A

Lab Sample ID: LLCS 600-40357/12
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/23/2010 1728
Date Prepared: N/A

Analysis Batch: 600-40357
Prep Batch: N/A
Units: ug/Kg

Instrument ID: WC05
Lab File ID: 092310CA.TXT
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	40.0	39.9	100	90 - 110	

Lab Control Sample - Batch: 600-40357

Method: 9012A
Preparation: N/A

Lab Sample ID: LCS 600-40357/13
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/23/2010 1728
Date Prepared: N/A

Analysis Batch: 600-40357
Prep Batch: N/A
Units: ug/Kg

Instrument ID: WC05
Lab File ID: 092310CA.TXT
Initial Weight/Volume: 1.0265 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	4870	4990	102	90 - 110	

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Method Blank - Batch: 600-40506

Method: 9012A
Preparation: N/A

Lab Sample ID:	MB 600-40506/10	Analysis Batch:	600-40506	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	092710CA.TXT
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	1.33005 mL
Date Analyzed:	09/27/2010 1401			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

Analyte	Result	Qual	MDL	RL
Cyanide, Total	320	J	26	380

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

High Level Control Sample - Batch: 600-40506

Method: 9012A
Preparation: N/A

Lab Sample ID:	HLCS 600-40506/11	Analysis Batch:	600-40506	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	092710CA.TXT
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	50 mL
Date Analyzed:	09/27/2010 1402			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	300	306	102	90 - 110	

Low Level Control Sample - Batch: 600-40506

Method: 9012A
Preparation: N/A

Lab Sample ID:	LLCS 600-40506/12	Analysis Batch:	600-40506	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	092710CA.TXT
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	50 mL
Date Analyzed:	09/27/2010 1403			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	40.0	44.2	110	90 - 110	

Lab Control Sample - Batch: 600-40506

Method: 9012A
Preparation: N/A

Lab Sample ID:	LCS 600-40506/13	Analysis Batch:	600-40506	Instrument ID:	WC05
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	092710CA.TXT
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	1.5027 mL
Date Analyzed:	09/27/2010 1403			Final Weight/Volume:	50 mL
Date Prepared:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	3330	3580	108	90 - 110	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Matrix Spike - Batch: 600-40506

Method: 9012A
Preparation: N/A

Lab Sample ID: 560-22066-5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/27/2010 1414
Date Prepared: N/A

Analysis Batch: 600-40506
Prep Batch: N/A
Units: ug/Kg

Instrument ID: WC05
Lab File ID: 092710CA.TXT
Initial Weight/Volume: 1.0669 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Cyanide, Total	1800	4990	7340	111	90 - 110	F

Duplicate - Batch: 600-40506

Method: 9012A
Preparation: N/A

Lab Sample ID: 560-22066-5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/27/2010 1413
Date Prepared: N/A

Analysis Batch: 600-40506
Prep Batch: N/A
Units: ug/Kg

Instrument ID: WC05
Lab File ID: 092710CA.TXT
Initial Weight/Volume: 1.0133 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Cyanide, Total	1800	1620	11	20	

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Method Blank - Batch: 560-51661

Method: 9034
Preparation: 7.3.4

Lab Sample ID: MB 560-51661/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2010 0930
Date Prepared: 09/21/2010 0830

Analysis Batch: 560-51703
Prep Batch: 560-51661
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.0 g
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL	RL
Sulfide, Reactive	<50		50	50

Lab Control Sample - Batch: 560-51661

Method: 9034
Preparation: 7.3.4

Lab Sample ID: LCS 560-51661/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2010 0930
Date Prepared: 09/21/2010 0830

Analysis Batch: 560-51703
Prep Batch: 560-51661
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 10.0 g
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Sulfide, Reactive	206	125	61	28 - 140	

Duplicate - Batch: 560-51661

Method: 9034
Preparation: 7.3.4

Lab Sample ID: 560-22066-6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/21/2010 0930
Date Prepared: 09/21/2010 0830

Analysis Batch: 560-51703
Prep Batch: 560-51661
Units: mg/Kg

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 9.998 g
Final Weight/Volume: 10 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Sulfide, Reactive	<50	<50	NC	30	

Quality Control Results

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

Lab Control Sample - Batch: 560-51344

Method: 9045D
Preparation: N/A

Lab Sample ID: LCS 560-51344/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/15/2010 1000
Date Prepared: N/A

Analysis Batch: 560-51344
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
pH	4.99	5.010	100	98 - 102	

Duplicate - Batch: 560-51344

Method: 9045D
Preparation: N/A

Lab Sample ID: 560-22066-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 09/15/2010 1000
Date Prepared: N/A

Analysis Batch: 560-51344
Prep Batch: N/A
Units: SU

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
pH	8.82	8.830	0.1	20	

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
Sdg Number: September 14, 2010

ARCADIS
Infrastructure, environment, buildings

ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 1 of 1

Lab Work Order # 22066

Send Results to:

Contact & Company Name: Ken Brandner, ARCADIS
Telephone: 361-883-1353
Address: 711 N. Carancahua
Fax: 361-883-7565
City: Corpus Christi, State: TX, Zip: 78401
E-mail Address: Kenneth.Brandner@arcadis-us.com
Project Name/Location (City, State): Encycle, Corpus Christi
Project #: CC001231.0001
Sampler's Printed Name: Kenneth Brandner
Sampler's Signature: Kenneth Brandner

Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	pH	Reactivity	Total Cyanide	TCLP Metals (Sb, As, Ba, Cd, Cr, Cu, Pb, Ni, Hg, Se, Ag, Tl, V, Zn)				
Non Process Bldg Concrete	9/14/10	9:10	✓		S	X	X	X	X				
Non Process Bldg Brick		9:30	✓			X	X	X	X				
West Cell House Concrete		11:30	✓			X	X	X	X				
West Cell House Brick		11:15	✓			X	X	X	X				
West Cell House Floor		10:50	✓			X	X	X	X				
East Cell House Concrete		10:10	✓			X	X	X	X				
East Cell House Brick		9:50	✓			X	X	X	X				
East Cell House Floor		10:30	✓			X	X	X	X				
Facility 2 East Floor		11:45	✓			X	X	X	X				
Smokestack Concrete		12:30	✓			X	X	X	X				
Smokestack Brick		12:15	✓			X	X	X	X				
Facility 2 Wood		12:00	✓			X	X	X	X				

Preservative							
Filtered (✓)							
# of Containers							
Container Information							

PARAMETER ANALYSIS & METHOD

Keys

Preservation Key:
A. H_2SO_4
B. HCL
C. HNO_3
D. NaOH
E. None
F. Other: _____
G. Other: _____
H. Other: _____

Container Information Key:
1. 40 ml Vial
2. 1 L Amber
3. 250 ml Plastic
4. 500 ml Plastic
5. Encore
6. 2 oz. Glass
7. 4 oz. Glass
8. 8 oz. Glass
9. Other: _____
10. Other: _____

Matrix Key:
SO - Soil, SE - Sediment, NL - NAPL/Oil, W - Water, SL - Sludge, SW - Sample Wipe, T - Tissue, A - Air, Other: _____

REMARKS

Special Instructions/Comments:
Normal Turnaround, Results to Ken Brandner.

☐ Special QA/QC Instructions(✓):

Laboratory Information and Receipt		Relinquished By	Received By	Relinquished By	Laboratory Received By
Lab Name:	Cooler Custody Seal (✓) N/A	Printed Name: Kenneth Brandner	Printed Name: Alice J. Magee	Printed Name:	Printed Name:
☐ Cooler packed with ice (✓)	☐ Intact ☐ Not Intact	Signature: Kenneth Brandner	Signature: Alice J Magee	Signature:	Signature:
Specify Turnaround Requirements:	Sample Receipt: TR4	Firm: ARCADIS	Firm/Courier: TTCC	Firm/Courier:	Firm:
Shipping Tracking #:	Condition/Cooler Temp: 3.7C	Date/Time: 9/14/10 1356	Date/Time: 09.14.10 1356	Date/Time:	Date/Time:

20730826 CofC AR Form 01.12.2007

Distribution: WHITE – Laboratory returns with results YELLOW – Lab copy PINK – Retained by ARCADIS

Login Sample Receipt Check List

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
SDG Number: September 14, 2010

Login Number: 22066
Creator: Magee, Alice J.
List Number: 1

List Source: TestAmerica Corpus Christi

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.7C IR4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	Split for send out

Login Sample Receipt Check List

Client: ARCADIS U.S., Inc.

Job Number: 560-22066-1
SDG Number: September 14, 2010

Login Number: 22066
Creator: Clarke, Michael (Mike) C
List Number: 1

List Source: TestAmerica Houston
List Creation: 09/16/10 10:34 AM

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	