

Hi Susan,

Please find enclosed analytical from various Cintas locations. I also included our most up to date profiles (data certification sheets) as well as our most recent manifest (job) from each of these locations.

Please do not hesitate to contact me if you have any questions.

Sincerely

Mike Zellars

mszellars@acelkd.com

863-644-0665

Dept. of Environmental Protection

OCT 16 2013

Southwest District

NON-HAZARDOUS WASTE MANIFEST

M-83

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address

*Cintas
7101 Parke Blvd E.
Tampa FL*

1305273

4. Generator's Phone ()

5. Transporter 1 Company Name

Agua Clean

6. US EPA ID Number

FLR000034033

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address

*Agua Clean
3210 Whitten Rd
Tampa, FL 33811*

10. US EPA ID Number

FLR000034033

E. State Facility's ID

F. Facility's Phone

11. WASTE DESCRIPTION

12. Containers

No. Type

13. Total Quantity

14. Unit Wt./Vol.

a. *Waste Water*

1 Pit 3704 gal

b.

c.

d.

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations. I also certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Date

Printed/Typed Name

Signature

5/18/13

17. Transporter 1 Acknowledgement of Receipt of Materials

Date

Printed/Typed Name

Signature

5/18/13

18. Transporter 2 Acknowledgement of Receipt of Materials

Date

Printed/Typed Name

Signature

5/18/13

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Date

Printed/Typed Name

Signature

5/18/13

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

MY

Please print or type

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of	
3. Generator's Name and Mailing Address Cintas 4300 MCT DR P. Arillas Park, FC 33782				1307319			
4. Generator's Phone ()				6. US EPA ID Number F1R0000C34033			
5. Transporter 1 Company Name Agua Clean				A. State Transporter's ID			
7. Transporter 2 Company Name				B. Transporter 1 Phone			
8. US EPA ID Number				C. State Transporter's ID			
9. Designated Facility Name and Site Address Nylon Clean 3010 Whitten Rd Lakeland, FC 33811				D. Transporter 2 Phone			
10. US EPA ID Number F1R0000C34033				E. State Facility's ID			
11. WASTE DESCRIPTION				F. Facility's Phone 863 644 0665			
12. Containers				13. Total Quantity		14. Unit Wt./Vol.	
a. Uniform wash waste water				3,800 gals			
b.				10:30 A.M.			
c.							
d.							
G. Additional Descriptions for Materials Listed Above Pressure Wash Tank				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information							

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations. I also certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Printed/Typed Name Miguel Hernandez		Signature 		Date 7/20/13	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature 		Date 7/20/13	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Robin Miller		Signature 		Date 7/20/13	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

M-4

print or type

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
3. Generator's Name and Mailing Address Cintas 4392 34th St SW Orlando FL 32811		1306113		
4. Generator's Phone ()				
5. Transporter 1 Company Name Aqua Clean	6. US EPA ID Number FLR000034033	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address Aqua Clean	10. US EPA ID Number FLR000034033	C. State Transporter's ID		
		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone 863-644-0665		

Dept. of Environmental Protection
OCT 16 2013
Southwest District

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Waste Water	2	PITS	2009	gal
	1	Tank		
	1	Container		
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above		H. Handling Codes for Wastes Listed Above		

15. Special Handling Instructions and Additional Information
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16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations. I also certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Printed/Typed Name Stanley Brook	Signature [Signature]	Date 6/8/13
17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name Ron Horn	Signature [Signature]	Date 6/8/13
18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date

19. Discrepancy Indication Space		
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name Robin Miller	Signature [Signature]	Date 6/8/13

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Water

Dept. of Environmental Protection
OCT 10 2013
Southwest District

MATERIAL DATA CERTIFICATION SHEET

AQUA CLEAN ENVIRONMENTAL CO., INC.
3210 WHITTEN ROAD
LAKELAND, FL 33811
(863) 644-0665 PHONE (863) 646-1880 FAX

☒ New Profile
☐ Amendment

GENERATOR INFORMATION

Generator Name: Cintas
Address: 1595 Transport CT
City: Jacksonville State: FL Zip: 32218
Contact: Vander Wilks
Phone: 904-~~741~~741-4525 Fax: _____

BILLING INFORMATION

Bill To: Same
Address: _____
City: _____ State: _____ Zip: _____
Billing Contact: _____
Phone: _____ Fax: _____

TRANSPORTATION INFORMATION

Transporter: Aqua clean

Estimated
Total Gallons
3500
Actual
Total Gallons

Shipping
Container
☐ Drum
☒ Tanker
☐ Other

Shipping
Frequency
☒ One Time
☐ Week
☐ Month
☐ Year
☐ Other

D.O.T. SHIPPING NAME: Uniform Wash Waste water

MATERIAL COMPOSITION

Component	Concentration	%
_____	_____	%
_____	_____	%

How was this wastewater generated: Uniform Wash

MATERIAL INFORMATION

Source: _____

Flashpoint ☐ Exact _____ ☐ <140 ☒ 140-200 ☐ >200

pH ☐ Exact _____ ☐ <2 ☐ 2-5 ☒ 5-9 ☐ 9-12.5 ☐ >12.5

Specific Gravity ☐ _____ ☐ <0.8 ☒ 0.8-1.0 ☐ 1.0 ☐ 1-1.2 ☐ >1.2

Reactive ☐ Yes ☒ No

%Liquid _____ %Solid 10 %Sludge 40 % Water 50

Phases ☐ Single ☒ Double ☐ Multi

Viscosity ☐ Low ☒ Medium ☐ High

Odor ☐ None ☒ Mild ☐ Strong

Color/Appearance: Black Cloudy or Clear: Dark

CERTIFICATION

Are any pesticides, herbicides or dioxin present? ☐ Yes ☒ No

Are any biotoxic components present in the material such as cyanide, chlorine, ethylene glycol, etc.)? ☐ Yes ☒ No

Are any PCBs present in the material? ☐ Yes ☒ No

Is there more than one fuel present? ☐ Yes ☒ No

Does the material meet the definition of a hazardous waste, or is the material characteristically ignitable, corrosive, reactive or toxic as defined under 40CFR Part 261, or does the material contain a hazardous waste listed in 40 CFR Part 261 Subpart D in concentrations that are not excluded under 40 CFR Part 261.3? ☐ Yes ☒ No

GENERATOR'S CERTIFICATION

I hereby certify that the above description, as well as any other information provided to AQUA CLEAN ENVIRONMENTAL is complete and accurate to the best of my knowledge and ability. I certify that the above described material is the specified material as defined by the above conditions. If my material is found not to be the specified material as defined by any of the above conditions, I am liable for any and all penalties and fines assessed against or expenses, costs (including legal fees), or other damages incurred by AQUA CLEAN ENVIRONMENTAL.

Authorized Signature Vanden Wilk Printed Name Vanden Wilk

Title Maint Supervisor Date 3-9-13

This certification has been reviewed by Aqua Clean for the wastewater delivered to Aqua Clean based on the information provided by the Generator.

M
Aqua Clean

Waste Water R

Dept. of Environmental Protection
OCT 15 2013
Southwest District

MATERIAL DATA CERTIFICATION SHEET

AQUA CLEAN ENVIRONMENTAL CO., INC.
3210 WHITTEN ROAD
LAKELAND, FL 33811
(863) 644-0665 PHONE (863) 646-1880 FAX

☒ New Profile
☐ Amendment

GENERATOR INFORMATION

Generator Name: Ginter

Address: 9300 Bc. Dr

City: Pinellas Park State: FL Zip: 33782

Contact: Yaimel

Phone: 678-612-1202 Fax: _____

BILLING INFORMATION

Bill To: Same

Address: _____

City: _____ State: _____ Zip: _____

Billing Contact: _____

Phone: _____ Fax: _____

TRANSPORTATION INFORMATION

Transporter: Aqua Clean

Estimated
Total Gallons

3500

Actual
Total Gallons

Shipping
Container
☐ Drum
☒ Tanker
☐ Other

Shipping
Frequency
☒ One Time
☐ Week
☐ Month
☐ Year
☐ Other

D.O.T. SHIPPING NAME: Clothes wash waste water

MATERIAL COMPOSITION

Component	Concentration	%
_____	_____	%
_____	_____	%

How was this wastewater generated: Clothes wash

MATERIAL INFORMATION

Source: _____

Flashpoint ☐ Exact _____ ☐ <140 ☒ 140-200 ☐ >200

pH ☐ Exact _____ ☐ <2 ☐ 2-5 ☒ 5-9 ☐ 9-12.5 ☐ >12.5

Specific Gravity ☐ _____ ☐ <0.8 ☒ 0.8-1.0 ☒ 1.0 ☐ 1-1.2 ☐ >1.2

Reactive ☐ Yes ☒ No

%Liquid _____ %Solid 20 %Sludge 40 % Water 40

Phases ☐ Single ☒ Double ☐ Multi

Viscosity ☐ Low ☐ Medium ☐ High

Odor ☐ None ☒ Mild ☐ Strong

Color/Appearance: Black Cloudy or Clear: Dark

CERTIFICATION

Are any pesticides, herbicides or dioxin present? ☐ Yes ☒ No

Are any biotoxic components present in the material such as cyanide, chlorine, ethylene glycol, etc.)? ☐ Yes ☒ No

Are any PCBs present in the material? ☐ Yes ☒ No

Is there more than one fuel present? ☐ Yes ☒ No

Does the material meet the definition of a hazardous waste, or is the material characteristically ignitable, corrosive, reactive or toxic as defined under 40CFR Part 261, or does the material contain a hazardous waste listed in 40 CFR Part 261 Subpart D in concentrations that are not excluded under 40 CFR Part 261.3? ☐ Yes ☒ No

GENERATOR'S CERTIFICATION

I hereby certify that the above description, as well as any other information provided to AQUA CLEAN ENVIRONMENTAL is complete and accurate to the best of my knowledge and ability. I certify that the above described material is the specified material as defined by the above conditions. If my material is found not to be the specified material as defined by any of the above conditions, I am liable for any and all penalties and fines assessed against or expenses, costs (including legal fees), or other damages incurred by AQUA CLEAN ENVIRONMENTAL.

Authorized Signature [Signature] Printed Name YAIMEL CASTRO

Title MAINTENANCE SUP. Date 2-2-13

This certification has been reviewed by Aqua Clean for the wastewater delivered to Aqua Clean based on the information provided by the Generator.

[Signature]
Aqua Clean

Dept. of Environmental Protection
OCT 15 2013
Southwest District

MATERIAL DATA CERTIFICATION SHEET

AQUA CLEAN ENVIRONMENTAL CO., INC.
3210 WHITTEN ROAD
LAKELAND, FL 33811
(863) 644-0665 PHONE (863) 646-1880 FAX

☒ New Profile
☐ Amendment

GENERATOR INFORMATION

Generator Name: CINTAS

Address: 4392 SW 34th St

City: ORLANDO State: FL Zip: 32811

Contact: STANLEY Brink

Phone: 407 423-4222 Fax: _____

BILLING INFORMATION

Bill To: CINTAS

Address: 4392 SW 34th St

City: ORLANDO State: FL Zip: 32811

Billing Contact: Nery De Juan

Phone: 407 423 4222 Fax: _____

TRANSPORTATION INFORMATION

Transporter: Aqua Clean

Estimated
Total Gallons

3500

Actual

Total Gallons

Shipping
Container
☐ Drum
☒ Tanker
☐ Other

Shipping
Frequency
☒ One Time
☐ Week
☐ Month
☐ Year
☐ Other

D.O.T. SHIPPING NAME: Laundry waste water

MATERIAL COMPOSITION

Component	Concentration	%
_____	_____	%
_____	_____	%

How was this wastewater generated: Laundry water treatment system

WATER

MATERIAL INFORMATION

Source: _____
Flashpoint ☐ Exact _____ ☐ <140 ☒ 140-200 ☐ >200
pH ☐ Exact _____ ☐ <2 ☐ 2-5 ☒ 5-9 ☐ 9-12.5 ☐ >12.5
Specific Gravity ☐ _____ ☐ <0.8 ☒ 0.8-1.0 ☐ 1.0 ☐ 1-1.2 ☐ >1.2
Reactive ☐ Yes ☒ No
%Liquid _____ %Solid _____ %Sludge 20 % Water 80
Phases ☐ Single ☒ Double ☐ Multi
Viscosity ☐ Low ☒ Medium ☐ High
Odor ☐ None ☒ Mild ☐ Strong
Color/Appearance: Black Cloudy or Clear: Dark

CERTIFICATION

Are any pesticides, herbicides or dioxin present? ☐ Yes ☒ No
Are any biotoxic components present in the material such as cyanide, chlorine, ethylene glycol, etc.)? ☐ Yes ☒ No
Are any PCBs present in the material? ☐ Yes ☒ No
Is there more than one fuel present? ☐ Yes ☒ No
Does the material meet the definition of a hazardous waste, or is the material characteristically ignitable, corrosive, reactive or toxic as defined under 40CFR Part 261, or does the material contain a hazardous waste listed in 40 CFR Part 261 Subpart D in concentrations that are not excluded under 40 CFR Part 261.3? ☐ Yes ☒ No

GENERATOR'S CERTIFICATION

I hereby certify that the above description, as well as any other information provided to AQUA CLEAN ENVIRONMENTAL is complete and accurate to the best of my knowledge and ability. I certify that the above described material is the specified material as defined by the above conditions. If my material is found not to be the specified material as defined by any of the above conditions, I am liable for any and all penalties and fines assessed against or expenses, costs (including legal fees), or other damages incurred by AQUA CLEAN ENVIRONMENTAL.

Authorized Signature [Signature] Printed Name Stanley Benik
Title MAINT Sup Date 10-24-13

This certification has been reviewed by Aqua Clean for the wastewater delivered to Aqua Clean based on the information provided by the Generator.

[Signature]
Aqua Clean

OCT 16 2013

Southwest District

MATERIAL DATA CERTIFICATION SHEET

AQUA CLEAN ENVIRONMENTAL CO., INC.
3210 WHITTEN ROAD
LAKELAND, FL 33811
(863) 644-0665 PHONE (863) 646-1880 FAX

☒ New Profile
☐ Amendment

GENERATOR INFORMATION

Generator Name: Cintas Corp
Address: 7101 Park East Blvd
City: Tampa State: Florida Zip: 33610
Contact: Roosevelt Wilson
Phone: (813) 623-3474 Fax: (813) 626-8852

BILLING INFORMATION

Bill To: Cintas Corp
Address: 7101 Park East Blvd
City: Tampa State: FL Zip: 33610
Billing Contact: Bob Murchie
Phone: (813) 623-3474 Fax:

TRANSPORTATION INFORMATION

Transporter: P.O. # A3498659

Estimated

Total Gallons

3086

Actual

Total Gallons

3080

Shipping
Container
☐ Drum
☐ Tanker
☒ Other

Shipping
Frequency
☒ One Time
☐ Week
☐ Month
☐ Year
☐ Other

D.O.T. SHIPPING NAME: WASTE REUSE WATER

MATERIAL COMPOSITION

Component WATER
SUDGE

Concentration 50 %
50 %
%

How was this wastewater generated: WASTE WATER RECLAIM TANK

Water

MATERIAL INFORMATION

Source: Am L

Flashpoint ☐ Exact ☐ <140 ☐ 140-200 ☒ 200

pH ☐ Exact ☐ <2 ☐ 2-5 ☒ 5-9 ☐ 9-12.5 ☐ >12.5

Specific Gravity ☐ ☐ <0.8 ☐ 0.8-1.0 ☒ 1.0 ☐ 1-1.2 ☐ >1.2

Reactive ☐ Yes ☒ No

%Liquid ☐ %Solid ☐ %Sludge 50 % Water 50

Phases ☐ Single ☒ Double ☐ Multi

Viscosity ☐ Low ☒ Medium ☐ High

Odor ☐ None ☒ Mild ☐ Strong

Color/Appearance: Dark Cloudy or Clear: cloudy

CERTIFICATION

Are any pesticides, herbicides or dioxin present? ☐ Yes ☒ No

Are any biotoxic components present in the material such as cyanide, chlorine, ethylene glycol, etc.)? ☐ Yes ☒ No

Are any PCBs present in the material? ☐ Yes ☒ No

Is there more than one fuel present? ☐ Yes ☒ No

Does the material meet the definition of a hazardous waste, or is the material characteristically ignitable, corrosive, reactive or toxic as defined under 40CFR Part 261, or does the material contain a hazardous waste listed in 40 CFR Part 261 Subpart D in concentrations that are not excluded under 40 CFR Part 261.3? ☐ Yes ☒ No

GENERATOR'S CERTIFICATION

I hereby certify that the above description, as well as any other information provided to AQUA CLEAN ENVIRONMENTAL is complete and accurate to the best of my knowledge and ability. I certify that the above described material is the specified material as defined by the above conditions. If my material is found not to be the specified material as defined by any of the above conditions, I am liable for any and all penalties and fines assessed against or expenses, costs (including legal fees), or other damages incurred by AQUA CLEAN ENVIRONMENTAL.

Authorized Signature Rosevelt Wilson Printed Name Rosevelt Wilson

Title Maint Supervisor Date 8-24-13

This certification has been reviewed by Aqua Clean for the wastewater delivered to Aqua Clean based on the information provided by the Generator.

WJ
Aqua Clean

MATERIAL DATA CERTIFICATION SHEET**OCT 16 2013**

AQUA CLEAN ENVIRONMENTAL CO., INC.
3210 WHITTEN ROAD
LAKELAND, FL 33811

Southwest District

PHONE: (863) 644-0665 FAX: (863) 646-1880

- ☒ New Profile
☐ Amendment

GENERATOR INFORMATION

Generator Name Cintas
Address 1908 Wood Court
City Plant City **State** Florida **Zip** 33567
Contact Mike Fox
Phone 800-783-7247 **Fax**

BILLING INFORMATION

Bill To Clean Harbors Environmental Services, Inc.
Address 170 Bartow Municipal Airport
City Bartow **State** Florida **Zip** 33830
Contact Paul A. Pilgrim, C.H.M.M., C.M.S.H.A.L.
Phone 863-519-6351 **Fax** 863-519-6306

TRANSPORTATION INFORMATION**Transporter**

Clean Harbors Environmental Services, Inc.

**Estimated
Total Gallons**
15000

**Actual
Total Gallons**

**Shipping
Container**

- ☐ Drum
☐ Tanker
☒ Other

**Shipping
Frequency**

- ☒ One Time
☐ Week
☐ Month
☐ Year
☐ Other

D.O.T. Shipping Name Non Hazardous, Non D.O.T. Regulated, Sludge & Water

MATERIAL COMPOSITION**Component****Concentration**

%

Flashpoint	☒ Exact	<u>>129</u>	☐ <140	☐ 140-200	☐ >200
pH	☒ Exact	<u>8.66</u>	☐ <2	☐ 2-5	☐ 5-9
Specific Gravity	☐ T	<u>0.86</u>	☐ <0.8	☐ 0.8-1.0	☐ 1.0
Reactive	☐ Yes	☒ No	☐ 9-12.5	☐ >12.5	
% Liquid		<u>20</u>			
% Solid					
% Sludge					<u>80</u>
Phases	☒ Single	☐ Double	☐ Multi		
Viscosity	☒ Low	☐ Medium	☐ High		
Odor	☐ None	☒ Mild	☐ Strong		
Color/Appearance	<u>Black</u>				

Specify if any of the contaminants appear below. Attach all MSDSs and current analyses.

Contaminants	Amount Present (mg/l)	Contaminants	Amount Present (mg/l)
Arsenic	0.009	Chloromethane	
Cadmium	0.185	1,2 Dichlorobenzene	
Chromium	u	1,4 Dichlorobenzene	
Copper	0.054	Ethylbenzene	
Cyanide		Methyl Chloride	
Lead	0.773	Methyl Ethyl Ketone	
Mercury	0.001	Methylene Chloride	
Molybdenum		Naphthalene	
Nickel	0.102	1,1,2,2 - Tetrachloroethane	
Selenium	u	Tetrachloroethylene	
Silver	u	Toluene	
Zinc	7.36	1,2,4- Trichlorobenzene	
Benzene		1,1,1- Trichlorobenzene	
Carbon Tetrachloride		1,1,2- Trichlorobenzene	
Chlorobenzene		Trichloroethylene	
Chloroethane		Vinyl Chloride	

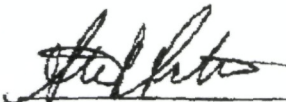
Is this certification made "applying knowledge of the hazard characteristics of the waste in light of the materials or process used?" ☒ Yes ☐ No**CERTIFICATION**Are any pesticides, herbicides or dioxin present? ☐ Yes ☒ No

Are any biotoxic components present in the material such as cyanide, chlorine, ethylene glycol, etc.) ?

☐ Yes ☒ NoIs there more than one fuel present? ☐ Yes ☒ NoAre any PCBs present in the material? ☐ Yes ☒ NoDoes the material meet the definition of a hazardous waste according to 40CFR Part 261 and the Florida Hazardous Waste Regulations? ☐ Yes ☒ No**GENERATOR'S CERTIFICATION**

I hereby certify that the above description, as well as any other information provided to Aqua Clean, is complete and accurate to the best of my knowledge and ability. I certify that the above described material is the specified material as defined by the above conditions. If my material is found not to be the specified material as defined by the above conditions, I am liable for any and all penalties and fines assessed against or expenses, costs (including legal fees), or other damages incurred by Aqua Clean Environmental.

Authorized Signature



Printed Name

Steven P. Schoenlein

Title

Clean/Environmental Services

Date

7/12/07

Remote User

Remote User

 Cinta001.PDF 07/10/07 11:16 AM

Please review analytical
to see if you can take
this Sludge.

Thanks
Paul P. Ignim
Clean Harbors
863-519-6351



Phoslab Environmental Services, Inc.

806 West Beacon Road • Lakeland, FL 33803 • (863) 682-5897 • Fax: (863) 683-3279

TOLL FREE 1-888-682-5897

FDOH ID: E84925



CERTIFICATE OF ANALYSIS

Client: Clean Harbors Environmental Services, Inc.
170 Bartow Municipal Airport
Bartow, FL 33830

Attention: Paul Pilgrim
Phone Number: 863-651-4680
Fax Number: 863-519-6306
Project Name: Cintas
Project Number: TBD
Project Location: Plant City, FL
Date Sampled: 07/06/07 4:30 pm
Date Received: 07/06/07 4:50 pm
Date Reported: 07/10/07
Lab. Report #: 070607-012

Project Description

The analytical results for the samples identified in this report were submitted for analysis as outlined by the attached Chain of Custody. The results for the quality control samples were reviewed and found to meet the acceptance criteria for precision and accuracy or properly flagged. Unless noted in this report or a case narrative, all data in this analytical report is in compliance with NELAC standards. This report may not be reproduced in part or whole without the permission of PES.

Notes: Sample results reported at the Practical Quantitation Limit.(PQL)
Solid samples reported on Dry Weight basis.

Approved By: Robert Trsek
Robert Trsek, Laboratory Director

Approved By: Megan Skeen
Megan Skeen, Quality Assurance officer

If you have any questions, the above name should be contacted
at 863-682-5897 8:00 A.M. - 5:00 PM M-F

Total pages: 15 PES Report: 12
Data Qualifier: 1
COC: 1
Sample Log-In: 1



Phoslab Environmental Services, Inc.

806 West Beacon Road • Lakeland, FL 33803 • (863) 682-5897 • Fax: (863) 683-3279

TOLL FREE 1-888-682-4807

FDOH ID: E84925



CERTIFICATE OF ANALYSIS
1311/6010B TCLP Metals

Sample ID: 070607-24
 Sample Description/Matrix: S-1 Sludge
 Sample Date: 07/06/07 16:30
 Date Received: 07/06/07 16:50
 Preparation Date/Method: 07/09/07 1311
 Analysis Date/Method: 07/09/07 6010B
 Batch: 549
 Dilution: 1x

Analytes:	Cas No.	Results	Units	MDL	PQL		Reg. Limits	Units	Initial
Arsenic (As)	7440-38-2	0.0091	mg/L	0.008	0.10	under limit	5.0	mg/L	MS
Barium (Ba)	7440-39-3	1.86	mg/L	0.002	0.10	under limit	100	mg/L	MS
Cadmium (Cd)	7440-43-9	0.185	mg/L	0.002	0.10	under limit	1.0	mg/L	MS
Chromium (Cr)	7440-47-3	0.10 U	mg/L	0.003	0.10	under limit	5.0	mg/L	MS
Copper (Cu)	7440-50-8	0.0541	mg/L	0.003	0.10			ug/L	MS
Lead (Pb)	7439-92-1	0.773	mg/L	0.004	0.10	under limit	5.0	mg/L	MS
Molybdenum (Mo)	7439-98-7	0.0171	mg/L	0.002	0.10			ug/L	MS
Nickel (Ni)	7440-02-0	0.102	mg/L	0.005	0.10			ug/L	MS
Selenium (Se)	7789-49-2	0.10 U	mg/L	0.005	0.10	under limit	1.0	mg/L	MS
Silver (Ag)	7440-22-4	0.10 U	mg/L	0.007	0.10	under limit	5.0	mg/L	MS
Thallium (Tl)	7440-28-0	0.0311	mg/L	0.002	0.10			mg/L	MS
Vanadium (V)	7440-62-2	0.10 U	mg/L	0.003	0.10			mg/L	MS
Zinc (Zn)	7440-66-6	7.36	mg/L	0.007	0.10			mg/L	MS

Sample ID: 070607-24
 Sample Description/Matrix: S-1 Sludge
 Sample Date: 07/06/07 16:30
 Date Received: 07/06/07 16:50
 Preparation Date/Method: 07/09/07 7470A
 Analysis Date/Method: 07/09/07 7470A
 Batch: 335
 Dilution: 1x

Analytes:	Cas No.	Results	Units	MDL	PQL		Reg. Limits	Units	Initial
Mercury (Hg)	7439-97-6	0.001	mg/L	0.00032	0.0010	under limit	0.2	mg/L	MS



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FDOH ID: E84925



CERTIFICATE OF ANALYSIS TCLP Volatiles

Sample ID: 070607-24
Sample Description: S-1 Sludge
Sample Date: 07/06/07 16:30
Date Received: 07/06/07 16:50
Preparation Date / Method: 07/07/07 1311
Analysis Date/ Method: 07/07/07 8021B
Batch: 070707
Dilution: 100x

Analytes:	Cas No.	Results	Units	RL mg/L	MDL mg/L	Reg. Limits
Benzene	71-43-2	0.1 U	mg/L	0.1	0.0008	under limit 0.5
Carbon Tetrachloride	56-23-5	0.1 U	mg/L	0.1	0.0007	under limit 0.5
Chlorobenzene	108-90-7	0.1 U	mg/L	0.1	0.0005	under limit 100
Chloroform	67-66-3	0.1 U	mg/L	0.1	0.0004	under limit 6
1,1-Dichloroethene	75-35-4	0.1 U	mg/L	0.1	0.0007	under limit 0.7
1,2-Dichloroethane	107-06-2	0.1 U	mg/L	0.1	0.0006	under limit 0.5
1,4-Dichlorobenzene	106-46-7	0.1 U	mg/L	0.1	0.0005	under limit 7.5
Methyl Ethyl Ketone	78-93-3	10.0 U	mg/L	10.0	0.1	under limit 200
Tetrachloroethene	127-18-4	0.1 U	mg/L	0.1	0.0005	under limit 0.7
Trichloroethene	79-01-6	0.1 U	mg/L	0.1	0.0005	under limit 0.5
Vinyl Chloride	75-01-4	0.1 U	mg/L	0.1	0.0008	under limit 0.2

Surrogate(s)	% Recovery	Limits
a,a,a-Trifluorotoluene	88	85-115
4-Bromochlorobenzene	98	85-115
4-Bromofluorobenzene	94	85-115

Analyst MS

PES

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FDOH ID: E84925



CERTIFICATE OF ANALYSIS EPA 8270C

Sample ID: 070607-24
Sample Description/Matrix: S-1 Sludge
Sample Date: 07/06/07 16:30
Preparation Date/Method: 07/09/07 3550
Analysis Date/Method: 07/09/07 8270C
Batch No. 021
Dilution: 500X

Analytes:	Cas No.	Results	Units	Analytes (Cont.):	Cas No.	Results	Units
Acenaphthene	83-32-9	16.7 U	mg/Kg	Indeno(1,2,3-cd)pyrene	193-39-5	16.7 U	mg/Kg
Acenaphthylene	208-96-8	16.7 U	mg/Kg	1-Methylnaphthalene	90-12-0	16.7 U	mg/Kg
Anthracene	120-12-7	16.7 U	mg/Kg	2-Methylnaphthalene	91-57-6	16.7 U	mg/Kg
Benzo(a)anthracene	56-55-3	16.7 U	mg/Kg	Naphthalene	91-20-3	16.7 U	mg/Kg
Benzo(a)pyrene	50-32-8	16.7 U	mg/Kg	Phenanthrene	85-01-8	16.7 U	mg/Kg
Benzo(b)fluoranthene	205-99-2	16.7 U	mg/Kg	Pyrene	129-00-0	16.7 U	mg/Kg
Benzo(k)fluoranthene	207-08-9	16.7 U	mg/Kg	1,2,4-trichlorobenzene	120-82-1	16.7 U	mg/Kg
4-Bromophenylphenylether	101-55-3	16.7 U	mg/Kg	4-chloro-3-methylphenol	59-50-7	16.7 U	mg/Kg
Butyl Benzyl Phthalate	85-68-7	16.7 U	mg/Kg	2-chlorophenol	95-57-8	16.7 U	mg/Kg
Bis(2-Chloroethoxy)methane	111-91-1	16.7 U	mg/Kg	o-Cresol	95-48-7	16.7 U	mg/Kg
Bis(2-Chloroethyl)ether	111-44-4	16.7 U	mg/Kg	2,4-dichlorophenol	120-83-2	16.7 U	mg/Kg
Bis(2-chloroisopropyl)ether	108-60-1	16.7 U	mg/Kg	2,6-Dichlorophenol	87-65-0	16.7 U	mg/Kg
2-Chloronaphthalene	91-58-7	16.7 U	mg/Kg	2,4-Dimethylphenol	105-67-9	16.7 U	mg/Kg
Crysene	218-01-09	16.7 U	mg/Kg	2,4-Dinitrophenol	51-28-5	16.7 U	mg/Kg
Dibenz(a,h)anthracene	53-70-3	16.7 U	mg/Kg	Ethyl Methanesulfonate	62-50-0	16.7 U	mg/Kg
Di-n-butyl phthalate	84-74-2	16.7 U	mg/Kg	2-Nitrophenol	88-75-5	16.7 U	mg/Kg
1,2-Dichlorobenzene	95-50-1	16.7 U	mg/Kg	4-Nitrophenol	100-02-7	16.7 U	mg/Kg
1,3-Dichlorobenzene	541-73-1	16.7 U	mg/Kg	Pentachlorophenol	87-86-5	16.7 U	mg/Kg
1,4-Dichlorobenzene	106-46-7	16.7 U	mg/Kg	Phenol	108-95-2	16.7 U	mg/Kg
Diethyl phthalate	84-66-2	16.7 U	mg/Kg	2,4,5-Trichlorophenol	95-95-4	16.7 U	mg/Kg
Dimethyl phthalate	131-11-3	16.7 U	mg/Kg	2,4,6-Trichlorophenol	80-06-2	16.7 U	mg/Kg
2,6-dinitrotoluene	606-20-2	16.7 U	mg/Kg	2,3,4,6-Tetrachlorophenol		16.7 U	mg/Kg
Bis(2-ethylhexyl)phthalate	117-81-7	28.2	mg/Kg	Di-n-octyl phthalate		16.7 U	mg/Kg
Fluoranthene	206-44-0	16.7 U	mg/Kg	Surrogates:	% Recovery	Limits	
Fluorene	86-73-7	16.7 U	mg/Kg	2-fluorobiphenyl	J	75-97	
Hexachlorobenzene	118-74-1	16.7 U	mg/Kg	p-terphenyl d13	J	44-111	
Hexachlorobutadiene	87-68-3	16.7 U	mg/Kg	2-fluorophenol	J	42-114	
Hexachlorocyclopentadiene	77-47-4	16.7 U	mg/Kg	Nitrobenzene-d5	J	48-100	
Hexachlorothane	67-72-1	16.7 U	mg/Kg	Analyst	RT		



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FDOH ID: E84925

CERTIFICATE OF ANALYSIS
FL-PRO

Sample ID: 070607-24
Sample Description/Matrix: S-1 Sludge
Sample Date: 07/06/07 16:30
Preparation Date/Method: 07/09/07 3550
Analysis Date/Method: 07/09/07 FI-Pro
Batch: 175
Dilution: 50 x

Analytes:	Cas No.	Results	Units	MDL	PQL	Units	Initial
TRPH	no cas	17,600	mg/Kg	4.0	16	mg/Kg	RT

Surrogate:	% Recovery	Limits
o-Terphenyl(C20)	J	62-109
nonatriacontane (C39)	103	60-118



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FDOH ID: E84925

**CERTIFICATE OF ANALYSIS**
General Analytes (Wet Chemistry)

Sample Date: 07/06/07
Analysis Date/Method: 07/09/07 EPA 1010
Parameter: Ignitability
Batch No.: PP-83
Start Temperature: 77°F (25°C)

Sample ID	PES ID	Results	Units	Initial
S-1	070607-24	> 129	" F (53.89° C)	DP

Sample Date: 07/06/07
Analysis Date/Method: 07/06/07 EPA150.1
Parameter: pH
Batch No.: pH-152

Sample ID	PES ID	Results	Units	Initial
S-1	070607-24	9.66	S.U.	XH



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FDOH ID: E84925



QUALITY CONTROL DATA

EPA 6010B Metals

SPIKE DATA

Analysis Date: 07/09/07
Batch: 549

Analytes:	Spike @ mg/L	spike mg/L	spike dup mg/L	RPD	Spike % Recov	Spike Dup % Recov	Limits	Flags	Initial
Arsenic (As)	0.250	0.269	0.251	7	108	100			MS
Barium (Ba)	0.250	0.256	0.248	3	102	99			MS
Cadmium (Cd)	0.250	0.270	0.263	3	108	105			MS
Chromium (Cr)	0.250	0.262	0.258	2	105	103			MS
Copper (Cu)	0.250	0.272	0.264	3	109	106			MS
Lead (Pb)	0.250	0.262	0.256	2	105	102			MS
Molybdenum (Mo)	0.250	0.210	0.251	18	84	100			MS
Nickel (Ni)	0.250	0.265	0.258	3	106	103			MS
Selenium (Se)	0.250	0.225	0.240	6	90	96			MS
Silver (Ag)	0.250	0.199	0.200	1	80	80			MS
Thallium (Tl)	0.250	0.262	0.252	4	105	101			MS
Vanadium (V)	0.250	0.153	0.152	1	61	61		J	MS
Zinc (Zn)	0.250	0.270	0.259	4	108	104			MS

SPIKE DATA (EPA 7470A)

Analysis date: 07/09/07
Batch: 335

Analyte:		Spike @ mg/L	Spike mg/L Recov	Spike % Recov	Limits	Flag	Initial
Mercury (Hg)	LCS	0.0025	0.00240	96	90-110		MS
Mercury (Hg)	MS	0.0025	0.00274	109	85-115		MS

LAB BLANK

Analysis Date: 07/09/07
Batch: 549

Analytes:	Results	Units
Arsenic (As)	0.10 U	mg/L
Barium (Ba)	0.10 U	mg/L
Cadmium (Cd)	0.10 U	mg/L
Chromium (Cr)	0.10 U	mg/L
Copper (Cu)	0.10 U	mg/L
Lead (Pb)	0.10 U	mg/L
Molybdenum (Mo)	0.10 U	mg/L
Nickel (Ni)	0.10 U	mg/L
Selenium (Se)	0.10 U	mg/L
Silver (Ag)	0.10 U	mg/L
Thallium (Tl)	0.10 U	mg/L
Vanadium (V)	0.10 U	mg/L
Zinc (Zn)	0.10 U	mg/L

U = Exceeds quality control

L = Element analyzed but not detected to the level shown



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FDOH ID: E84925



QUALITY CONTROL DATA EPA 8021B

SPIKE DATA (EPA8021B)

Analysis Date: 07/07/07

Batch: 070707

Parameter	CCV	QA/QC LIMITS	MS	MSD	RPD	LIMIT	FLAGS
Benzene	92	85-115	124	121	2	<30	J
Carbon Tetrachloride	88	85-115	109	104	5	<30	
Chlorobenzene	93	85-115	93	87	7	<30	
Chloroform	118	85-115	146	144	1	<30	J
1,1-Dichloroethene	89	85-115	129	117	10	<30	J
1,2-Dichloroethane	97	85-115	115	112	3	<30	
1,4-Dichlorobenzene	115	85-115	122	121	1	<30	J
Methyl Ethyl Ketone	87	85-115					
Tetrachloroethene	89	85-115	95	100	5	<30	
Trichloroethene	92	85-115	115	113	2	<30	
Vinyl Chloride	111	85-115	130	132	2	<30	J

LAB BLANK

Analysis Date: 07/07/07

Batch: 070707

Analytes:	Results	Units
Benzene	0.10 U	mg/L
Carbon Tetrachloride	0.10 U	mg/L
Chlorobenzene	0.10 U	mg/L
Chloroform	0.10 U	mg/L
1,1-Dichloroethene	0.10 U	mg/L
1,2-Dichloroethane	0.10 U	mg/L
1,4-Dichlorobenzene	0.10 U	mg/L
Methyl Ethyl Ketone	10.0 U	mg/L
Tetrachloroethene	0.10 U	mg/L
Trichloroethene	0.10 U	mg/L
Vinyl Chloride	0.10 U	mg/L

Surrogate(s)	% Recovery	Limits
a,a,a-Trifluorotoluene	88	85-115
4-Bromochlorobenzene	101	85-115
4-Bromofluorobenzene	82 J	85-115

J = recovery limits exceeded

MS = Matrix Spike

MSD = Matrix Spike Duplicate

U = Compound analyzed but not detected to the level shown

Analyst

MS

PES

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FDOH ID: E84925



QUALITY CONTROL DATA
EPA 8270C

MATRIX SPIKE DATA SPIKE AT 0.167 PPM

Analysis Date: 07/09/07

Batch No.: 021

Parameter:	LCS	QA/QC LIMITS	% Recovery		QA/QC LIMITS	RPD MS/MSD	QA/QC LIMITS	Flags
			MS	MSD				
Phenol	43 J	70-130	47	53	28-108	12	<30	
2-Chlorophenol	79	70-130	87	93	29-92	7	<30	J
1,4-Dichlorobenzene	81	70-130	97	96	20-75	1	<30	J
N-nitro-di-n-propylamine	67 J	70-130	78	81	32-94	0	<30	
1,2,4-Trichlorobenzene	83	70-130	99	97	13-96	2	<30	J
4-Chloro-3-methylphenol	59 J	70-130	63	73	22-97	15	<30	
Acenaphthene	84	70-130	93	94	29-90	1	<30	J
4-Nitrophenol	J	70-130	J	J	24-119	0	<30	J
2,4-Dinitrotoluene	38 J	70-130	43	50	25-97	15	<30	
Pentachlorophenol	28 J	70-130	17	45	23-125	0	<30	J
Pyrene	82	70-130	95	97	47-110	2	<30	

J= quality control limits exceeded

MS = Matrix Spike

MSD = Matrix Spike Duplicate

LCS = Laboratory Control Standard

RPD = Relative Percent Difference

U = Compound analyzed but not detected to the level shown

Analyst

RT



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FDOH ID: E84925



LAB BLANK

Analysis Date:

07/09/07

Batch No.:

021

Analytes:	Cas No.	Results	Units	Analytes (Cont.):	Cas No.	Results	Units
Acenaphthene	83-32-9	0.033 U	mg/Kg	Phenanthrene	85-01-8	0.033 U	mg/Kg
Acenaphthylene	208-96-8	0.033 U	mg/Kg	Pyrene	129-00-0	0.033 U	mg/Kg
Anthracene	120-12-7	0.033 U	mg/Kg	1,2,4-trichlorobenzene	120-82-1	0.033 U	mg/Kg
Benzo(a)anthracene	56-55-3	0.033 U	mg/Kg	4-chloro-3-methylphenol	59-50-7	0.033 U	mg/Kg
Benzo(b)fluoranthene	205-99-2	0.033 U	mg/Kg	2-chlorophenol	95-57-8	0.033 U	mg/Kg
Benzo(k)fluoranthene	207-08-9	0.033 U	mg/Kg	o-Cresol	95-48-7	0.033 U	mg/Kg
4-Bromophenylphenylether	101-55-3	0.033 U	mg/Kg	2,4-dichlorophenol	120-83-2	0.033 U	mg/Kg
Butyl Benzyl Phthalate	85-68-7	0.033 U	mg/Kg	2,6-Dichlorophenol	87-65-0	0.033 U	mg/Kg
Bis(2-Chloroethoxy)methane	111-91-1	0.033 U	mg/Kg	2,4-Dimethylphenol	105-67-9	0.033 U	mg/Kg
Bis(2-Chloroethyl)ether	111-44-4	0.033 U	mg/Kg	2,4-Dinitrophenol	51-28-5	0.033 U	mg/Kg
Bis(2-Chloroisopropyl)ether	108-60-1	0.033 U	mg/Kg	Ethyl Methanesulfonate	62-50-0	0.033 U	mg/Kg
2-Chloronaphthalene	91-58-7	0.033 U	mg/Kg	2-Nitrophenol	88-75-5	0.033 U	mg/Kg
Dibenz(a,h)anthracene	53-70-3	0.033 U	mg/Kg	4-Nitrophenol	100-02-7	0.033 U	mg/Kg
Di-n-butyl phthalate	84-74-2	0.033 U	mg/Kg	Pentachlorophenol	87-86-5	0.033 U	mg/Kg
1,2-Dichlorobenzene	95-50-1	0.033 U	mg/Kg	Phenol	108-95-2	0.033 U	mg/Kg
1,3-Dichlorobenzene	541-73-1	0.033 U	mg/Kg	2,4,5-Trichlorophenol	95-95-4	0.033 U	mg/Kg
1,4-Dichlorobenzene	106-46-7	0.033 U	mg/Kg	2,4,6-Trichlorophenol	80-06-2	0.033 U	mg/Kg
Diethyl phthalate	84-66-2	0.033 U	mg/Kg	2,3,4,6-Tetrachlorophenol		0.033 U	mg/Kg
Dimethyl phthalate	131-11-3	0.033 U	mg/Kg	Di-n-octyl phthalate		0.033 U	mg/Kg
2,6-Dinitrotoluene	606-20-2	0.033 U	mg/Kg				
Bis(2-ethylhexyl)phthalate	117-81-7	0.033 U	mg/Kg				
Fluoranthene	206-44-0	0.033 U	mg/Kg				
Fluorene	86-73-7	0.033 U	mg/Kg				
Hexachlorobenzene	118-74-1	0.033 U	mg/Kg				
Hexachlorobutadiene	87-68-3	0.033 U	mg/Kg				
Hexachlorocyclopentadiene	77-47-4	0.033 U	mg/Kg				
Hexachloroethane	67-72-1	0.033 U	mg/Kg				
Indeno(1,2,3-cd)pyrene	193-39-5	0.033 U	mg/Kg				
Naphthalene	91-20-3	0.033 U	mg/Kg				

Surrogates:	% Recovery	Limits
2-fluorobiphenyl	J	75-97
p-terphenyl d14	62	44-111
2-fluorophenol	J	42-114
Nitrobenzene-d5	J	48-100

J= quality control limits exceeded

MS = Matrix Spike

MSD = Matrix Spike Duplicate

LCS = Laboratory Control Standard

RPD = Relative Percent Difference

U = Compound analyzed but not detected to the level shown

Analyst

RT



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FDOH ID: E84925

QUALITY CONTROL DATA
FL-PRO

SPIKE MATRIX

Analysis Date: 07/09/07
Batch: 175

	Spike @	% Rec.	Range	Initial
LCS	28.2	120	63-153	RT
MS	28.2	132	62-204	RT
MSD	28.2	121	62-204	RT
RPD		14	0-25	RT
MB		40U	<40 mg/Kg	RT

LAB. BLANK

Analysis Date: 07/09/07
Batch: 175

Analytes:	Results	Units	Method	Initial
TRPH	4.0 U	mg/Kg	FL-PRO	RT

Surrogate:	% Recovery	Limits
o-Terphenyl	190 J	62-109
n-Triacontane	147 J	60-118

LCS = Laboratory Control Standard

MS = Matrix Spike

MSD = Matrix Spike Duplicate

U = Compound analyzed but not detected to the level shown



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FDOH ID: E84925



Case Narrative

The sample submitted has been determined to be a hydrocarbon sludge with compounds in the boiling range of light mineral oil/kerosene and motor oil/gear oil. A library search by EPA 8270C determined that trimethylbenzenes and ethylmethyl benzenes were identified at concentrations greater than 16.7 ppm.

DATA QUALIFIER CODES

SYMBOL MEANING

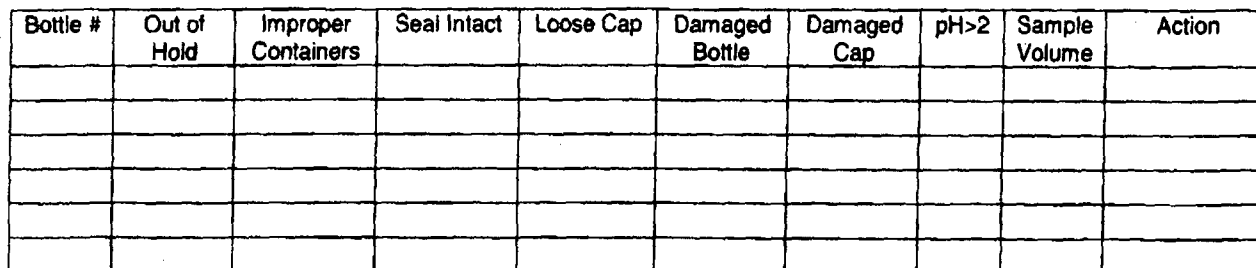
- A Value reported is the arithmetic mean (average) of two or more determinations. This code shall be used if the reported value is the average of results for two or more discrete and separate samples. These samples shall have been processed and analyzed independently. Do not use this code if the data are the result of replicate analysis on the same sample aliquot, extract or digestate.
- H Value based on field kit determination; results may not be accurate. This code shall be used if a field screening test (i.e., field gas chromatograph data, immunoassay, vendor-supplied field kit, etc.) was used to generate the value and the field kit or method has not been recognized by the Department as equivalent to laboratory methods.
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J Estimated value. A "J" value shall be accompanied by a narrative justification for its use. Where possible, the organization shall report whether the actual value is less than or greater than the reported value. A "J" value shall not be used as a substitute for K, L, M, T, V or Y, however, if additional reasons exist for identifying the value as estimate (e.g., matrix spiked failed to meet acceptance criteria), the "J" code may be added to a K, L, M, T, V, or Y. The following are some examples of narrative descriptions that may accompany a "J" code:
- No known quality control criteria exist for the component;
 - The reported value failed to meet the established quality control criteria for either precision or accuracy (the specific failure must be identified);
 - The sample matrix interfered with the ability to make any accurate determination;
 - The data are questionable because of improper laboratory or field protocols (e.g., composite sample was collected instead of a grab sample).
 - The field calibration verification did not meet calibration acceptance criteria.
- K Off-scale low. Actual value is known to be less than the value given. This code shall be used if:
1. The value is less than the lowest calibration standard and the calibration curve is known to be non-linear; or
 2. The value is known to be less than the reported value based on sample size, dilution.
- This code shall not be used to report values that are less than the laboratory practical quantitation limit or laboratory method detection limit.
- L Off-scale high. Actual value is known to be greater than value given. To be used when the concentration of the analyte is above the acceptable level for quantitation (exceeds the linear range or highest calibration standard) and the calibration curve is known to exhibit a negative deflection.
- M When reporting chemical analyses: presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. This code shall be used if the level is too low to permit accurate quantification, but the estimated concentration is greater than the method detection limit. If the value is less than the method detection limit use "T" below.
- N Presumptive evidence of presence of material. This qualifier shall be used if:
1. The component has been tentatively identified based on mass spectral library search; or
 2. There is an indication that the analyte is present, but quality control requirements for confirmation were not met (i.e., presence of analyte was not confirmed by alternative procedures).
- O Sampled, but analysis lost or not performed.
- Q Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis.
- T Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
- U Indicates that the compound was analyzed for but not detected. This symbol shall be used to indicate that the specified component was **not** detected. The value associated with the qualifier shall be the laboratory method detection limit. Unless requested by the client, less than the method detection limit values shall not be reported (see "T" above).
- V Indicates that the analyte was detected in both the sample and the associated method blank. Note: the value in the blank shall not be subtracted from associated samples.
- Y The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
- ? Data are rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
- * Not currently accredited for this analyte.
- ! Not within scope of method.

FDEP CompQAP No: 870308G
FDOH ID#: E84925

Coe, 07.0607.012

8635196306	Clean Harbors Florida	11:56:34 a.m.	07-10-2007	15/16
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15/15



Analytical Report 440556

for
Cintas

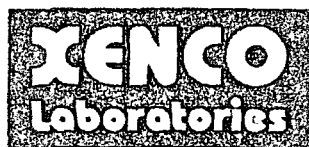
Project Manager: Jeremy Jaros

Annual

PIT SWDGE

20-APR-12

Collected By: Robert Carrieri



Florida Testing Services, LLC



Xenco Laboratories
2505 N. Falkenburg Rd.

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Lakeland: Florida (E84098)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)



20-APR-12

Project Manager: **Jeremy Jaros**
Cintas
7101 Park East Blvd.
Tampa, FL 33610

Reference: XENCO Report No: **440556**
Annual
Project Address: FL

Jeremy Jaros:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 440556. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 440556 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Michelle B. Williams

Project Manager

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Sample Cross Reference 440556



Cintas, Tampa, FL

Annual

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Pit	S	04-12-12 10:10		440556-001



Hits Summary 440556



Cintas, Tampa, FL

Annual

Below is a summary of the analytes which were found to be present in the samples associated with this work order. This should only be used in conjunction with the included analytical results.

Sample ID: Pit	Sample ID: 440556-001	Date/Time Sampled: 04/12/2012 10:10					Matrix: Water	
Analyte Name	Method	CAS No.	Dil.	Result	RL/PQL	MDL	Units	Qual
3&4-Methylphenol	SW8270C	15831-10-4	10	0.734	0.250	0.0486	mg/L	
Barium	SW6010B	7440-39-3	5	0.962	0.0500	0.00242	mg/L	
Chloroform	SW8260B	67-66-3	10	0.00970	0.0500	0.00620	mg/L	I
Gamma-BHC (Lindane)	SW8081A	58-89-9	5	0.0350	0.100	0.0235	ug/L	I
Lead	SW6010B	7439-92-1	5	0.0547	0.0500	0.0460	mg/L	
Tetrachloroethylene	SW8260B	127-18-4	10	0.0293	0.0500	0.00590	mg/L	I



Certificate of Analytical Results 440556



Cintas, Tampa, FL
Annual

Sample Id: Pit		Matrix: Solid		Date Received: Apr-12-12 10:10				
Lab Sample Id: 440556-001		Date Collected: Apr-12-12 10:10						
Analytical Method: Flash Point by EPA 1010								
Tech: TTE							% Moisture:	
Analyst: TTE							Basis: Wet Weight	
Seq Number: 885943							SUB: E871002	
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Flash Point		>180	75.0		Deg F	04/17/12 09:30	U	1
Analytical Method: Reactive Cyanide by EPA 9010								
Tech: DAD							% Moisture:	
Analyst: TTE							Basis: Wet Weight	
Seq Number: 886130							SUB: E871002	
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Cyanide	57-12-5	U	0.200	0.176	mg/kg	04/18/12 15:35	U	1
Analytical Method: Reactive Sulfide by SW 9030B								
Tech: DAD							% Moisture:	
Analyst: TTE							Basis: Wet Weight	
Seq Number: 886133							SUB: E871002	
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfide	18496-25-8	U	50.0	6.72	mg/kg	04/18/12 16:03	U	1

Project: Annual



Certificate of Analytical Results 440556



Cintas, Tampa, FL

Annual

Sample Id: Pit		Matrix: Solid		Date Received: Apr-12-12 10:10				
Lab Sample Id: 440556-001		Date Collected: Apr-12-12 10:10						
Analytical Method: TCLP Herbicides by SW8151				Prep Method: SW8151A_EXT				
Tech: LEB				% Moisture:				
Analyst: VIC				Date Prep: Apr-18-12 17:45				
Seq Number: 886236				SUB: E871002				
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
2,4,5-Tp	93-72-1	U	1.25	0.285	ug/L	04/19/12 20:32	U	1
2,4-D	94-75-7	U	1.25	0.725	ug/L	04/19/12 20:32	U	1
Surrogate	Cas Number	% Recovery	Units	Limits		Analysis Date	Flag	
2,4-Dichlorophenylacetic Acid	19719-28-9	33	%	44-131		04/19/12 20:32	J	
Analytical Method: TCLP Mercury by SW-846 1311/7470A				Prep Method: SW7470P				
Tech: RKO				% Moisture:				
Analyst: RKO				Date Prep: Apr-14-12 10:30				
Seq Number: 885800				SUB: E871002				
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	U	0.000500	0.000146	mg/L	04/14/12 14:28	U	1
Analytical Method: TCLP Metals by SW846 6010B				Prep Method: SW3010A				
Tech: MLI				% Moisture:				
Analyst: MKO				Date Prep: Apr-18-12 16:10				
Seq Number: 886107				SUB: E871002				
Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Arsenic	7440-38-2	U	0.0500	0.0378	mg/L	04/19/12 02:43	U	1
Barium	7440-39-3	0.962	0.0500	0.00242	mg/L	04/19/12 02:43		1
Cadmium	7440-43-9	U	0.0250	0.00204	mg/L	04/19/12 02:43	U	1
Chromium	7440-47-3	U	0.0500	0.0177	mg/L	04/19/12 02:43	U	1
Lead	7439-92-1	0.0547	0.0500	0.0460	mg/L	04/19/12 02:43		1
Selenium	7782-49-2	U	0.150	0.0270	mg/L	04/19/12 02:43	U	1
Silver	7440-22-4	U	0.100	0.00965	mg/L	04/19/12 02:43	U	1

Project: Annual



Certificate of Analytical Results 440556



Cintas, Tampa, FL

Annual

Sample Id: Pit

Matrix: Solid

Date Received: Apr-12-12 10:10

Lab Sample Id: 440556-001

Date Collected: Apr-12-12 10:10

Analytical Method: TCLP Pesticides by SW8081A

Prep Method: SW3510C

Tech: LEB

% Moisture:

Analyst: VIC

Date Prep: Apr-14-12 14:08

Seq Number: 886017

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Endrin	72-20-8	U	0.100	0.0315	ug/L	04/17/12 05:37	U	1
Gamma-BHC (Lindane)	58-89-9	0.0350	0.100	0.0235	ug/L	04/17/12 05:37	I	1
Heptachlor	76-44-8	U	0.100	0.0230	ug/L	04/17/12 05:37	U	1
Heptachlor Epoxide	1024-57-3	U	0.100	0.0435	ug/L	04/17/12 05:37	U	1
Methoxychlor	72-43-5	U	0.100	0.0275	ug/L	04/17/12 05:37	U	1
Chlordane	57-74-9	U	2.50	0.0720	ug/L	04/17/12 05:37	U	1
Toxaphene	8001-35-2	U	2.50	0.343	ug/L	04/17/12 05:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tetrachloro-m-xylene	877-09-8	54	%	18-126	04/17/12 05:37	
Decachlorobiphenyl	2051-24-3	63	%	15-136	04/17/12 05:37	

Analytical Method: TCLP SVOCs by SW-846 8270C

Prep Method: SW3510C

Tech: LEB

% Moisture:

Analyst: MCH

Date Prep: Apr-14-12 11:40

Seq Number: 885936

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,4-Dichlorobenzene	106-46-7	U	0.250	0.0323	mg/L	04/16/12 17:44	U	10
2,4,5-Trichlorophenol	95-95-4	U	0.250	0.0274	mg/L	04/16/12 17:44	U	10
2,4,6-Trichlorophenol	88-06-2	U	0.250	0.0190	mg/L	04/16/12 17:44	U	10
2,4-Dinitrotoluene	121-14-2	U	0.125	0.0164	mg/L	04/16/12 17:44	U	10
2-methylphenol	95-48-7	U	0.250	0.0361	mg/L	04/16/12 17:44	U	10
3&4-Methylphenol	15831-10-4	0.734	0.250	0.0486	mg/L	04/16/12 17:44		10
Hexachlorobenzene	118-74-1	U	0.125	0.0122	mg/L	04/16/12 17:44	U	10
Hexachlorobutadiene	87-68-3	U	0.250	0.0221	mg/L	04/16/12 17:44	U	10
Hexachloroethane	67-72-1	U	0.250	0.0269	mg/L	04/16/12 17:44	U	10
Nitrobenzene	98-95-3	U	0.250	0.0262	mg/L	04/16/12 17:44	U	10
Pentachlorophenol	87-86-5	U	0.500	0.0279	mg/L	04/16/12 17:44	U	10
Pyridine	110-86-1	U	0.500	0.0774	mg/L	04/16/12 17:44	U	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	75	%	30-100	04/16/12 17:44	
Phenol-d6	13127-88-3	15	%	15-94	04/16/12 17:44	
Nitrobenzene-d5	4165-60-0	89	%	46-111	04/16/12 17:44	
2-Fluorobiphenyl	321-60-8	83	%	44-117	04/16/12 17:44	
2,4,6-Tribromophenol	118-79-6	86	%	48-117	04/16/12 17:44	
Terphenyl-D14	1718-51-0	90	%	46-126	04/16/12 17:44	

Project: Annual



Certificate of Analytical Results 440556



Cintas, Tampa, FL

Annual

Sample Id: Pit	Matrix: Solid	Date Received: Apr-12-12 10:10
Lab Sample Id: 440556-001	Date Collected: Apr-12-12 10:10	

Analytical Method: TCLP VOAs by EPA 8260B	Prep Method: SW5030B
Tech: CYE	% Moisture:
Analyst: CYE	Date Prep: Apr-18-12 14:06
Seq Number: 886181	SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	U	0.0500	0.00260	mg/L	04/18/12 18:08	U	10
Methyl ethyl ketone	78-93-3	U	0.500	0.0409	mg/L	04/18/12 18:08	U	10
Carbon Tetrachloride	56-23-5	U	0.0500	0.00140	mg/L	04/18/12 18:08	U	10
Chlorobenzene	108-90-7	U	0.0500	0.00270	mg/L	04/18/12 18:08	U	10
Chloroform	67-66-3	0.00970	0.0500	0.00620	mg/L	04/18/12 18:08	I	10
1,4-Dichlorobenzene	106-46-7	U	0.0500	0.00360	mg/L	04/18/12 18:08	U	10
1,2-Dichloroethane	107-06-2	U	0.0500	0.00270	mg/L	04/18/12 18:08	U	10
1,1-Dichloroethene	75-35-4	U	0.0500	0.00330	mg/L	04/18/12 18:08	U	10
Tetrachloroethylene	127-18-4	0.0293	0.0500	0.00590	mg/L	04/18/12 18:08	I	10
Trichloroethylene	79-01-6	U	0.0500	0.00390	mg/L	04/18/12 18:08	U	10
Vinyl Chloride	75-01-4	U	0.0200	0.00310	mg/L	04/18/12 18:08	U	10
Surrogate	Cas Number	% Recovery	Units	Limits		Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	97	%	74-124		04/18/12 18:08		
Dibromofluoromethane	1868-53-7	106	%	75-131		04/18/12 18:08		
1,2-Dichloroethane-D4	17060-07-0	108	%	63-144		04/18/12 18:08		
Toluene-D8	2037-26-5	100	%	80-117		04/18/12 18:08		

Project: Annual



Flagging Criteria



FLORIDA flagging criteria

Data were reviewed by the
Department Supervisor and QA Director

- A** Value reported is the mean (average) of two or more determinations.
- B** Results based upon colony counts outside the acceptable range.
- J** Estimated value; value not accurate. All results with a "J" qualifier require comment.
 - J1: Surrogate Recoveries exceed established QA/QC Limits
 - J2: No known QA/QC exists.
 - J3: Reported value failed to meet established QA/QC limits or the sample matrix interfered with the ability to make an accurate determination
 - J4: The data is questionable due to improper laboratory or field protocols
- Q** Sample held beyond the accepted holding time
- T** Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.
- U** Compound was analyzed for but not detected at the MDL Level.
- V** Analyte was detected in both the sample and the associated method blank.
- Y** Laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
- I** The reported value is between the laboratory MDL and the laboratory PQL.
- R** Significant rain in the past 48 hours.
- +** NELAC certification not offered for this compound.
- *** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	



QC Summary 440556



Cintas, Tampa, FL Annual

Analytical Method: Flash Point by EPA 1010

Seq Number: 885943

Matrix: Soil

Parent Sample Id: 440575-001

MD Sample Id: 440575-001 D

MD Sample Id: 440575-001 D

Parameter	Parent Result	Spike Amount	MD Result	MD %Rec	MD Result	MD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Flash Point	>180				>180	-	75-140	0	25	Deg F	04/17/12 10:00	U

Analytical Method: Reactive Cyanide by EPA 9010

Seq Number: 886130

Matrix: Solid

MB Sample Id: 886130-1-BLK

LCS Sample Id: 886130-1-BKS

LCSD Sample Id: 886130-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Cyanide	<0.176	2.00	1.91	96	1.90	48	80-120	1	20	mg/kg	04/18/12 15:33	

Analytical Method: Reactive Cyanide by EPA 9010

Seq Number: 886130

Matrix: Solid

Parent Sample Id: 440556-001

MD Sample Id: 440556-001 D

MD Sample Id: 440556-001 D

Parameter	Parent Result	Spike Amount	MD Result	MD %Rec	MD Result	MD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Cyanide	<0.176				<0.176	-	80-120	0	20	mg/kg	04/18/12 15:36	U

Analytical Method: Reactive Sulfide by SW 9030B

Seq Number: 886133

Matrix: Solid

MB Sample Id: 886133-1-BLK

LCS Sample Id: 886133-1-BKS

LCSD Sample Id: 886133-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Sulfide	<6.72	10000	9200	92	9200	92	60-120	0	20	mg/kg	04/18/12 16:01	

Analytical Method: Reactive Sulfide by SW 9030B

Seq Number: 886133

Matrix: Solid

Parent Sample Id: 440556-001

MD Sample Id: 440556-001 D

MD Sample Id: 440556-001 D

Parameter	Parent Result	Spike Amount	MD Result	MD %Rec	MD Result	MD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Sulfide	<6.72				<6.72	-	60-120	0	20	mg/kg	04/18/12 16:04	U

Project: Annual



QC Summary 440556



Cintas, Tampa, FL Annual

Analytical Method: TCLP Herbicides by SW8151

Seq Number: 886236

MB Sample Id: 620659-1-BLK

Matrix: Water

LCS Sample Id: 620659-1-BKS

Prep Method: SW8151A_EXT

Date Prep: 04/19/2012

LCSD Sample Id: 620659-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
2,4,5-Tp	<0.0570	1.00	0.730	73	0.680	68	15-140	7	25	ug/L	04/19/12 17:53	
2,4-D	<0.145	1.00	0.760	76	0.780	78	10-189	3	25	ug/L	04/19/12 17:53	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits			Units	Analysis Date	
2,4-Dichlorophenylacetic Aci	68		118		112		44-131			%	04/19/12 17:53	

Analytical Method: TCLP Herbicides by SW8151

Seq Number: 886236

Parent Sample Id: 440631-001

Matrix: Solid

MS Sample Id: 440631-001 S

Prep Method: SW8151A_EXT

Date Prep: 04/19/2012

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
2,4,5-Tp	<0.285	5.00	2.25	45	32-140	ug/L	04/19/12 20:00	
2,4-D	<0.725	5.00	3.00	60	10-189	ug/L	04/19/12 20:00	
Surrogate			MS %Rec	MS Flag	Limits	Units	Analysis Date	
2,4-Dichlorophenylacetic Aci			91		44-131	%	04/19/12 20:00	

Analytical Method: TCLP Mercury by SW-846 1311/7470A

Seq Number: 885800

MB Sample Id: 620543-1-BLK

Matrix: Water

LCS Sample Id: 620543-1-BKS

Prep Method: SW7470P

Date Prep: 04/14/2012

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Mercury	<0.0000291	0.00400	0.00402	101	80-120	mg/L	04/14/12 13:42	

Analytical Method: TCLP Mercury by SW-846 1311/7470A

Seq Number: 885800

Parent Sample Id: 440579-001

Matrix: Ground Water

MS Sample Id: 440579-001 S

Prep Method: SW7470P

Date Prep: 04/14/2012

MSD Sample Id: 440579-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.0000291	0.00100	0.000919	92	0.000916	92	75-125	0	20	mg/L	04/14/12 13:50	

Project: Annual



QC Summary 440556



Cintas, Tampa, FL Annual

Analytical Method: TCLP Metals by SW846 6010B

Seq Number: 886107

MB Sample Id: 620723-1-BLK

Matrix: Water

LCS Sample Id: 620723-1-BKS

Prep Method: SW3010A

Date Prep: 04/18/2012

LCSD Sample Id: 620723-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	<0.00756	1.00	0.956	96	0.944	94	80-120	1	20	mg/L	04/19/12 00:55	
Barium	0.000495	1.00	0.929	93	0.920	92	80-120	1	20	mg/L	04/19/12 00:55	
Cadmium	<0.000408	1.00	0.953	95	0.938	94	80-120	2	20	mg/L	04/19/12 00:55	
Chromium	<0.00355	1.00	0.953	95	0.941	94	80-120	1	20	mg/L	04/19/12 00:55	
Lead	<0.00921	1.00	0.929	93	0.924	92	80-120	1	20	mg/L	04/19/12 00:55	
Selenium	<0.00540	1.00	0.930	93	0.921	92	80-120	1	20	mg/L	04/19/12 00:55	
Silver	<0.00193	0.500	0.479	96	0.477	95	80-120	0	20	mg/L	04/19/12 00:55	

Analytical Method: TCLP Metals by SW846 6010B

Seq Number: 886107

Parent Sample Id: 440814-002

Matrix: Water

MS Sample Id: 440814-002 S

Prep Method: SW3010A

Date Prep: 04/18/2012

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Arsenic	<0.756	1.00	<0.756	0	75-125	mg/L	04/19/12 01:12	J
Barium	0.0580	1.00	1.29	123	75-125	mg/L	04/19/12 01:12	
Cadmium	<0.0408	1.00	1.11	111	75-125	mg/L	04/19/12 01:12	
Chromium	<0.355	1.00	1.27	127	75-125	mg/L	04/19/12 01:12	J
Lead	<0.921	1.00	1.44	144	75-125	mg/L	04/19/12 01:12	J
Selenium	<0.540	1.00	1.26	126	75-125	mg/L	04/19/12 01:12	J
Silver	<0.193	0.500	0.505	101	75-125	mg/L	04/19/12 01:12	

Analytical Method: TCLP Pesticides by SW8081A

Seq Number: 886017

MB Sample Id: 620537-1-BLK

Matrix: Water

LCS Sample Id: 620537-1-BKS

Prep Method: SW3510C

Date Prep: 04/14/2012

LCSD Sample Id: 620537-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Endrin	<0.00630	1.00	1.03	103	0.920	92	14-169	11	25	ug/L	04/17/12 02:37	
Gamma-BHC (Lindane)	<0.00470	1.00	0.830	83	0.720	72	8-157	14	25	ug/L	04/17/12 02:37	
Heptachlor	<0.00460	1.00	1.11	111	0.940	94	10-157	17	25	ug/L	04/17/12 02:37	
Heptachlor Epoxide	<0.00870	1.00	1.11	111	0.960	96	15-155	14	25	ug/L	04/17/12 02:37	
Methoxychlor	<0.00550	1.00	1.28	128	1.13	113	25-161	12	25	ug/L	04/17/12 02:37	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits			Units	Analysis Date	
Tetrachloro-m-xylene	66		80		72		18-126			%	04/17/12 02:37	
Decachlorobiphenyl	95		108		97		15-136			%	04/17/12 02:37	

Project: Annual



QC Summary 440556



Cintas, Tampa, FL Annual

Analytical Method: TCLP Pesticides by SW8081A

Seq Number: 886017

Parent Sample Id: 440556-001

Matrix: Solid

MS Sample Id: 440556-001 S

Prep Method: SW3510C

Date Prep: 04/14/2012

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Endrin	<0.0315	5.00	4.80	96	14-169	ug/L	04/17/12 05:55	
Gamma-BHC (Lindane)	0.0250	5.00	2.70	54	8-157	ug/L	04/17/12 05:55	
Heptachlor	<0.0230	5.00	3.25	65	10-157	ug/L	04/17/12 05:55	
Heptachlor Epoxide	<0.0435	5.00	3.70	74	15-155	ug/L	04/17/12 05:55	
Methoxychlor	<0.0275	5.00	3.70	74	25-161	ug/L	04/17/12 05:55	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
Tetrachloro-m-xylene	53		18-126	%	04/17/12 05:55
Decachlorobiphenyl	49		15-136	%	04/17/12 05:55

Analytical Method: TCLP SVOCs by SW-846 8270C

Seq Number: 885936

MB Sample Id: 620535-1-BLK

Matrix: Water

LCS Sample Id: 620535-1-BKS

Prep Method: SW3510C

Date Prep: 04/14/2012

LCSD Sample Id: 620535-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,4-Dichlorobenzene	<0.000646	0.0500	0.0439	88	0.0447	89	19-121	2	30	mg/L	04/16/12 10:57	
2,4,5-Trichlorophenol	<0.000547	0.0500	0.0467	93	0.0479	96	35-111	3	30	mg/L	04/16/12 10:57	
2,4,6-Trichlorophenol	<0.000380	0.0500	0.0476	95	0.0496	99	37-144	4	30	mg/L	04/16/12 10:57	
2,4-Dinitrotoluene	<0.000328	0.0500	0.0521	104	0.0528	106	22-135	1	30	mg/L	04/16/12 10:57	
2-methylphenol	<0.000721	0.0500	0.0437	87	0.0440	88	14-176	1	30	mg/L	04/16/12 10:57	
3&4-Methylphenol	<0.000972	0.0500	0.0417	83	0.0415	83	14-176	0	30	mg/L	04/16/12 10:57	
Hexachlorobenzene	<0.000244	0.0500	0.0470	94	0.0481	96	46-133	2	30	mg/L	04/16/12 10:57	
Hexachlorobutadiene	<0.000442	0.0500	0.0417	83	0.0425	85	44-125	2	30	mg/L	04/16/12 10:57	
Hexachloroethane	<0.000538	0.0500	0.0450	90	0.0470	94	25-153	4	30	mg/L	04/16/12 10:57	
Nitrobenzene	<0.000523	0.0500	0.0500	100	0.0486	97	56-135	3	30	mg/L	04/16/12 10:57	
Pentachlorophenol	<0.000558	0.0500	0.0380	76	0.0449	90	17-117	17	40	mg/L	04/16/12 10:57	
Pyridine	<0.00155	0.0500	0.0533	107	0.0489	98	16-86	9	40	mg/L	04/16/12 10:57	J

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2-Fluorophenol	71		74		72		30-100	%	04/16/12 10:57
Phenol-d6	52		58		56		15-94	%	04/16/12 10:57
Nitrobenzene-d5	109		114	J	107		46-111	%	04/16/12 10:57
2-Fluorobiphenyl	106		109		106		44-117	%	04/16/12 10:57
2,4,6-Tribromophenol	82		95		96		48-117	%	04/16/12 10:57
Terphenyl-D14	119		106		106		46-126	%	04/16/12 10:57

Project: Annual



QC Summary 440556



Cintas, Tampa, FL Annual

Analytical Method: TCLP SVOCs by SW-846 8270C

Seq Number: 885936

Matrix: Water

Prep Method: SW3510C

Parent Sample Id: 440511-001

MS Sample Id: 440511-001 S

Date Prep: 04/14/2012

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
1,4-Dichlorobenzene	<0.00323	0.250	0.244	98	19-121	mg/L	04/16/12 16:33	
2,4,5-Trichlorophenol	<0.00274	0.250	0.255	102	35-111	mg/L	04/16/12 16:33	
2,4,6-Trichlorophenol	<0.00190	0.250	0.259	104	37-144	mg/L	04/16/12 16:33	
2,4-Dinitrotoluene	<0.00164	0.250	0.258	103	22-135	mg/L	04/16/12 16:33	
2-methylphenol	<0.00361	0.250	0.245	98	14-176	mg/L	04/16/12 16:33	
3&4-Methylphenol	<0.00486	0.250	0.237	95	14-176	mg/L	04/16/12 16:33	
Hexachlorobenzene	<0.00122	0.250	0.248	99	46-133	mg/L	04/16/12 16:33	
Hexachlorobutadiene	<0.00221	0.250	0.228	91	44-125	mg/L	04/16/12 16:33	
Hexachloroethane	<0.00269	0.250	0.247	99	25-153	mg/L	04/16/12 16:33	
Nitrobenzene	<0.00262	0.250	0.251	100	56-135	mg/L	04/16/12 16:33	
Pentachlorophenol	<0.00279	0.250	0.232	93	17-117	mg/L	04/16/12 16:33	
Pyridine	<0.00774	0.250	0.158	63	16-86	mg/L	04/16/12 16:33	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
2-Fluorophenol	92		30-100	%	04/16/12 16:33
Phenol-d6	89		15-94	%	04/16/12 16:33
Nitrobenzene-d5	109		46-111	%	04/16/12 16:33
2-Fluorobiphenyl	108		44-117	%	04/16/12 16:33
2,4,6-Tribromophenol	100		48-117	%	04/16/12 16:33
Terphenyl-D14	106		46-126	%	04/16/12 16:33

Project: Annual



QC Summary 440556



Cintas, Tampa, FL Annual

Analytical Method: TCLP VOAs by EPA 8260B

Seq Number: 886181

MB Sample Id: 620764-1-BLK

Matrix: Water

LCS Sample Id: 620764-1-BKS

Prep Method: SW5030B

Date Prep: 04/18/2012

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Benzene	<0.000260	0.0500	0.0521	104	66-142	mg/L	04/18/12 11:55	
Methyl ethyl ketone	<0.00409	0.500	0.345	69	60-140	mg/L	04/18/12 11:55	
Carbon Tetrachloride	<0.000140	0.0500	0.0477	95	62-125	mg/L	04/18/12 11:55	
Chlorobenzene	<0.000270	0.0500	0.0528	106	60-133	mg/L	04/18/12 11:55	
Chloroform	<0.000620	0.0500	0.0519	104	74-125	mg/L	04/18/12 11:55	
1,4-Dichlorobenzene	<0.000360	0.0500	0.0494	99	75-125	mg/L	04/18/12 11:55	
1,2-Dichloroethane	<0.000270	0.0500	0.0486	97	68-127	mg/L	04/18/12 11:55	
1,1-Dichloroethene	<0.000330	0.0500	0.0527	105	59-172	mg/L	04/18/12 11:55	
Tetrachloroethylene	<0.000590	0.0500	0.0526	105	71-125	mg/L	04/18/12 11:55	
Trichloroethylene	<0.000390	0.0500	0.0497	99	62-137	mg/L	04/18/12 11:55	
Vinyl Chloride	<0.000310	0.0500	0.0459	92	75-125	mg/L	04/18/12 11:55	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	101		98		74-124	%	04/18/12 11:55
Dibromofluoromethane	106		109		75-131	%	04/18/12 11:55
1,2-Dichloroethane-D4	105		109		63-144	%	04/18/12 11:55
Toluene-D8	101		105		80-117	%	04/18/12 11:55

Analytical Method: TCLP VOAs by EPA 8260B

Seq Number: 886181

Parent Sample Id: 440396-001

Matrix: Solid

MS Sample Id: 440396-001 S

Prep Method: SW5030B

Date Prep: 04/18/2012

MSD Sample Id: 440396-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00260	0.500	0.522	104	0.530	106	66-142	2	25	mg/L	04/18/12 16:41	
Methyl ethyl ketone	0.0425	5.00	3.41	67	3.36	66	60-140	1	25	mg/L	04/18/12 16:41	
Carbon Tetrachloride	<0.00140	0.500	0.427	85	0.463	93	62-125	8	25	mg/L	04/18/12 16:41	
Chlorobenzene	<0.00270	0.500	0.510	102	0.508	102	60-133	0	25	mg/L	04/18/12 16:41	
Chloroform	0.0137	0.500	0.506	98	0.501	97	74-125	1	25	mg/L	04/18/12 16:41	
1,4-Dichlorobenzene	<0.00360	0.500	0.501	100	0.497	99	75-125	1	25	mg/L	04/18/12 16:41	
1,2-Dichloroethane	<0.00270	0.500	0.461	92	0.461	92	68-127	0	25	mg/L	04/18/12 16:41	
1,1-Dichloroethene	<0.00330	0.500	0.502	100	0.528	106	59-172	5	25	mg/L	04/18/12 16:41	
Tetrachloroethylene	0.0126	0.500	0.520	101	0.524	102	71-125	1	25	mg/L	04/18/12 16:41	
Trichloroethylene	<0.00390	0.500	0.497	99	0.490	98	62-137	1	25	mg/L	04/18/12 16:41	
Vinyl Chloride	<0.00310	0.500	0.380	76	0.390	78	75-125	3	25	mg/L	04/18/12 16:41	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	101		99		74-124	%	04/18/12 16:41
Dibromofluoromethane	104		104		75-131	%	04/18/12 16:41
1,2-Dichloroethane-D4	103		105		63-144	%	04/18/12 16:41
Toluene-D8	104		106		80-117	%	04/18/12 16:41

Project: Annual



Page 1 of

LAB ONLY: 440556

TAT: 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific.
It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

LAB ANALYSIS

Phone# 813.917.0273

TCLP, Reactivity, Corrosivity A1

AV Amber Vial
CV Clear Vial
P Plastic
GA Amber Glass
GC Clear Glass
SI Soil Jar
G Gallon
O Other
Size(s): 2oz, 4oz, 8oz, 16oz, 32oz,
1L, 40mL, etc.

SO	Soil
OL	Oil
PE	Petroleum
ML	Misc Liquid
GW	Groundwater
WW	Waste Water
SW	Surface Water
A	Air
O	Other

Fluxes		
A. None	E. HCl	I. Ice
B. HNO_3	F. MeOH	J. MCAA
C. H_2SO_4	G. $\text{Na}_2\text{S}_2\text{O}_5$	K. Zn Acetate
D. NaOH	H. NaHSO_4	O. Other

[illegible]

FS 2 HRS

Delivered by: Affiliates		Date	Time	Received by: Affiliates		Date	Time	Label Count
1	<i>[Signature]</i> Xeno	4/14/12	1010	<i>[Signature]</i> Xeno	4/14/12	1135		Containers Received:
2								Cooler Temp:
3								All Xeno Terms and Conditions apply



XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In



Client: Cintas

Date/ Time Received: 04/12/2012 10:10:00 AM

Work Order #: 440556

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used :

Sample Receipt Checklist

Comments

#1 *Temperature of cooler(s)?	5.6
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles/ container?	N/A
#6 *Custody Seals Signed and dated for Containers/coolers	N/A
#7 *Chain of Custody present?	Yes
#8 Sample instructions complete on Chain of Custody?	Yes
#9 Any missing/extra samples?	No
#10 Chain of Custody signed when relinquished/ received?	Yes
#11 Chain of Custody agrees with sample label(s)?	Yes
#12 Container label(s) legible and intact?	Yes
#13 Sample matrix/ properties agree with Chain of Custody?	Yes
#14 Samples in proper container/ bottle?	Yes
#15 Samples properly preserved?	Yes
#16 Sample container(s) intact?	Yes
#17 Sufficient sample amount for indicated test(s)?	Yes
#18 All samples received within hold time?	Yes
#19 Subcontract of sample(s)?	No
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	N/A
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	N/A
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	N/A

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact:

Contacted by :

DateTime :

Checklist completed by:

Rose G. Han

Rose G. Han

Date: 04/12/2012

Checklist reviewed by:

Michelle B. Williams

Michelle B. Williams

Date: 04/12/2012

OCT 16 2013

Southwest District

**FLOWERS**

CHEMICAL LABORATORIES INCORPORATED

October 11, 2013 08:45 AM EDT
 Welcome, Jon Wright!
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Analytical Report
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Summary						
Client	Cintas Corp. 4392 SW 34th St. Orlando, FL 32811	Date Sampled	Nov 05, 2012			
		Date Received	Nov 06, 2012			
		Date Reported	Nov 19, 2012			
PO Number	A3243163	FLDOH #	E83018 (Main Lab)			
Project Number		FLDOH #	E86562 (South Lab)			
Invoice Number	189574	NYSDOH #	11595			
		CTDPH #	173			
		NJDEP #	FL015			
		UTDOH #	FLOW			
Laboratory Number	Sample Description	Analyses	Chemist	Location	Sample Matrix	
<u>189574HW1</u>	TCLP dry sludge	EPA1010	PCW	Main Lab	Waste	
		EPA6020	EVB	Main Lab		
		EPA7470	EVB	Main Lab		
		EPA8081	DLJ	Main Lab		
		EPA8151	DLJ	Main Lab		
		EPA8260	CLS	Main Lab		
		EPA8270	CLS	Main Lab		
		EPA9045	MAC	Main Lab		
		X8081	BRC	Main Lab		
		X8151	GIG	Main Lab		
		X8270	BRC	Main Lab		
<u>189574HW2</u>	TCLP wet sludge	EPA1010	PCW	Main Lab	Waste	
		EPA6020	EVB	Main Lab		
		EPA7470	EVB	Main Lab		
		EPA8081	DLJ	Main Lab		
		EPA8151	DLJ	Main Lab		
		EPA8260	CLS	Main Lab		
		EPA8270	CLS	Main Lab		
		EPA9045	MAC	Main Lab		
		X8081	BRC	Main Lab		
		X8151	GIG	Main Lab		
		X8270	BRC	Main Lab		

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards, except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.

Analysis Report

Sample Description	TCLP dry sludge							
Laboratory Number	189574HW1	Date Sampled	Nov 05, 2012 07:00 AM					
Parameter	Result	Units	DF	MDL	QC Batch	Method	Analyzed	
Lab pH (units)	4.93	pH	1.00			EPA9045	11/07/12 03:25 PM	
TCLP Arsenic	0.0100 U	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12	
TCLP Barium	1.59	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12	
TCLP Cadmium	0.0100 U	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12	
TCLP Chromium	0.0141 I	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12	
TCLP Lead	0.0191 I	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12	
TCLP Selenium	0.0100 U	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12	
TCLP Silver	0.0100 U	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12	
Chlor. Pest. Extraction	1000	mL	1.00			X8081	11/08/12	
Acid Base Extraction	450	mL	1.00			X8270	11/08/12	
TCLP Mercury	0.000200 U	mg/L	1.00	0.000200	10210300	EPA7470	11/14/12	
Flash Point	200 O	oF	1.00	75.0	10210324	EPA1010	11/12/12	
TCLP 2,4,5-Trichlorophenol	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP 2,4,6-Trichlorophenol	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP 2,4-Dinitrotoluene	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP Hexachlorobenzene	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP Hexachlorobutadiene	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP Hexachloroethane	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP Nitrobenzene	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP Pentachlorophenol	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP Pyridine	50.0 U	ug/L	5.00	50.0	10210431	EPA8270	11/14/12	
TCLP m-Cresol	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP o-Cresol	10.0 U	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP p-Cresol	50.8	ug/L	5.00	10.0	10210431	EPA8270	11/14/12	
TCLP Chlordane	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12	
TCLP Endrin	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12	

TCLP Heptachlor	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12
TCLP Heptachlor epoxide	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12
TCLP Lindane	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12
TCLP Methoxychlor	0.100 U	ug/L	1.00	0.100	10210499	EPA8081	11/13/12
TCLP Toxaphene	0.500 U	ug/L	1.00	0.500	10210499	EPA8081	11/13/12
TCLP 2,4,5-TP (Silvex)	0.250 U	ug/L	1.00	0.250	10210519	EPA8151	11/15/12
TCLP 2,4-D	0.250 U	ug/L	1.00	0.250	10210519	EPA8151	11/15/12
TCLP 1,1-dichloroethene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP 1,2-dichloroethane	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Benzene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Carbon tetrachloride	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Chlorobenzene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Chloroform	45.8	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Methyl ethyl ketone	5.00 U	ug/L	5.00	5.00	10210670	EPA8260	11/17/12
TCLP Para-dichlorobenzene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Tetrachloroethene	58.3	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Trichloroethene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Vinyl chloride	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
Chlor_Herb_Extraction	40.0	mL	1.00			X8151	11/14/12

Sample Description TCLP wet sludge

Laboratory Number 189574HW2

Date Sampled Nov 05, 2012 07:15 AM

Parameter	Result	Units	DF	MDL	QC Batch	Method	Analyzed
Lab pH (units)	7.53	pH	1.00			EPA9045	11/07/12 03:25 PM
TCLP Arsenic	0.0100 U	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12
TCLP Barium	0.505	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12
TCLP Cadmium	0.0155 I	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12
TCLP Chromium	0.0151 I	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12
TCLP Lead	0.0423	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12
TCLP Selenium	0.0100 U	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12
TCLP Silver	0.0100 U	mg/L	1.00	0.0100	10210055	EPA6020	11/08/12
Chlor_Pest_Extraction	1000	mL	1.00			X8081	11/08/12
Acid Base Extraction	450	mL	1.00			X8270	11/08/12
TCLP Mercury	0.000200 U	mg/L	1.00	0.000200	10210300	EPA7470	11/14/12
Flash Point	200 O	oF	1.00	75.0	10210324	EPA1010	11/12/12
TCLP 2,4,5-Trichlorophenol	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP 2,4,6-Trichlorophenol	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP 2,4-Dinitrotoluene	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP Hexachlorobenzene	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP Hexachlorobutadiene	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP Hexachloroethane	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP Nitrobenzene	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP Pentachlorophenol	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP Pyridine	10.0 U	ug/L	1.00	10.0	10210431	EPA8270	11/14/12
TCLP m-Cresol	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP o-Cresol	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP p-Cresol	2.00 U	ug/L	1.00	2.00	10210431	EPA8270	11/14/12
TCLP Chlordane	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12
TCLP Endrin	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12
TCLP Heptachlor	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12
TCLP Heptachlor epoxide	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12
TCLP Lindane	0.0250 U	ug/L	1.00	0.0250	10210499	EPA8081	11/13/12
TCLP Methoxychlor	0.100 U	ug/L	1.00	0.100	10210499	EPA8081	11/13/12
TCLP Toxaphene	0.500 U	ug/L	1.00	0.500	10210499	EPA8081	11/13/12
TCLP 2,4,5-TP (Silvex)	0.250 U	ug/L	1.00	0.250	10210519	EPA8151	11/15/12
TCLP 2,4-D	0.250 U	ug/L	1.00	0.250	10210519	EPA8151	11/15/12
TCLP 1,1-dichloroethene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP 1,2-dichloroethane	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Benzene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Carbon tetrachloride	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Chlorobenzene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Chloroform	10.1	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Methyl ethyl ketone	5.00 U	ug/L	5.00	5.00	10210670	EPA8260	11/17/12
TCLP Para-dichlorobenzene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Tetrachloroethene	6.84	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Trichloroethene	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
TCLP Vinyl chloride	2.50 U	ug/L	5.00	2.50	10210670	EPA8260	11/17/12
Chlor_Herb_Extraction	40.0	mL	1.00			X8151	11/14/12

Quality Control Report

QC Batch 10210055

Analyst:EVB

Blank

Result Units

TCLP Arsenic

0.0100U mg/L

TCLP Barium

0.0100U mg/L

TCLP Cadmium

0.0100U mg/L

TCLP Chromium

0.0100U mg/L

TCLP Lead

0.0100U mg/L

TCLP Selenium

0.0100U mg/L

TCLP Silver

0.0100U mg/L

Laboratory Control Sample

Result

Spike Amt

%REC

%REC Limits

Units

TCLP Arsenic	0.201	0.200	100.61	81.85-119.81	mg/L
TCLP Barium	0.201	0.200	100.70	82.58-129.82	mg/L
TCLP Cadmium	0.195	0.200	97.64	81.16-120.37	mg/L
TCLP Chromium	0.208	0.200	104.18	83.89-124.37	mg/L
TCLP Lead	0.206	0.200	102.82	78.74-123.24	mg/L
TCLP Selenium	0.192	0.200	95.89	78.51-124.17	mg/L
TCLP Silver	0.198	0.200	98.94	63.20-116.83	mg/L

Matrix Spike	Result	Spike Amt	Sample Result	%REC	Limits	Units
TCLP Arsenic	0.518	0.5	0.0100U	103.60	77.53-147.59	mg/L
TCLP Barium	0.662	0.5	0.0957	113.20	51.17-171.66	mg/L
TCLP Cadmium	0.503	0.5	0.00789	99.02	72.46-143.75	mg/L
TCLP Chromium	0.475	0.5	0.0150	91.92	60.63-156.06	mg/L
TCLP Lead	0.590	0.5	0.0719	103.60	61.20-149.26	mg/L
TCLP Selenium	0.504	0.5	0.00330	100.15	71.85-148.60	mg/L
TCLP Silver	0.491	0.5	0.0100U	98.12	53.80-140.68	mg/L

Matrix Spike Duplicate	Result	Spike Amt	Sample Result	%REC	Limits	RPD	Limit	Units
TCLP Arsenic	0.518	0.500	0.0100U	103.55	77.53-147.59	0.05	21.69	mg/L
TCLP Barium	0.678	0.500	0.0957	116.39	51.17-171.66	2.38	22.80	mg/L
TCLP Cadmium	0.496	0.500	0.00789	97.62	72.46-143.75	1.40	21.42	mg/L
TCLP Chromium	0.501	0.500	0.0150	97.22	60.63-156.06	5.44	23.28	mg/L
TCLP Lead	0.601	0.500	0.0719	105.91	61.20-149.26	1.95	22.81	mg/L
TCLP Selenium	0.489	0.500	0.00330	97.04	71.85-148.60	3.13	24.23	mg/L
TCLP Silver	0.493	0.500	0.0100U	98.62	53.80-140.68	0.51	23.01	mg/L

QC Batch 10210300

Blank

TCLP Mercury

Analyst:EVB

Result 0.000200U
Units mg/L

Laboratory Control Sample

TCLP Mercury

Result 0.00104
Spike Amt 0.00100
%REC 103.60
Limits 92.34-112.82
Units mg/L

Matrix Spike

TCLP Mercury

Result 0.00298
Spike Amt 0.003
Sample Result 0.000200U
%REC 99.47
Limits 85.74-118.31
Units mg/L

Matrix Spike Duplicate

TCLP Mercury

Result 0.00300
Spike Amt 0.00300
Sample Result 0.000200U
%REC 99.87
Limits 85.74-118.31
RPD 0.40
RPD Limit 9.33
Units mg/L

QC Batch 10210324

Analyst:PCW

Laboratory Control Sample

Flash_Point

Result 82.4
Spike Amt 81.0
%REC 101.73
Limits 91.72-112.09
Units oF

QC Batch 10210431

Analyst:CLS

Blank

TCLP Hexachlorobenzene
TCLP Hexachlorobutadiene
TCLP Hexachloroethane
TCLP m-Cresol
TCLP Nitrobenzene
TCLP o-Cresol
TCLP Pentachlorophenol
TCLP Pyridine
TCLP p-Cresol
TCLP 2,4,5-Trichlorophenol
TCLP 2,4,6-Trichlorophenol
TCLP 2,4-Dinitrotoluene

Result 2.00U
Units ug/L
2.00U ug/L
2.00U ug/L
2.00U ug/L
2.00U ug/L
2.00U ug/L
10.0U ug/L
2.00U ug/L
2.00U ug/L
2.00U ug/L
2.00U ug/L

Laboratory Control Sample

TCLP Hexachlorobenzene
TCLP Hexachlorobutadiene
TCLP Hexachloroethane
TCLP Nitrobenzene
TCLP o-Cresol
TCLP Pentachlorophenol
TCLP p-Cresol
TCLP 2,4,5-Trichlorophenol
TCLP 2,4,6-Trichlorophenol
TCLP 2,4-Dinitrotoluene

Result 45.2
Spike Amt 50.0
%REC 90.38
Limits 32.30-116.61
Units ug/L
35.4 50.0 70.74 17.28-108.31 ug/L
34.2 50.0 68.38 20.94-88.14 ug/L
44.9 50.0 89.82 16.67-101.87 ug/L
40.0 50.0 80.04 31.85-96.90 ug/L
45.3 50.0 90.60 21.88-133.42 ug/L
43.7 50.0 87.36 29.92-93.74 ug/L
45.1 50.0 90.20 11.12-117.44 ug/L
43.8 50.0 87.62 14.95-107.38 ug/L
45.7 50.0 91.46 32.94-115.30 ug/L

Matrix Spike

TCLP Hexachlorobenzene
TCLP Hexachlorobutadiene
TCLP Hexachloroethane
TCLP Nitrobenzene
TCLP o-Cresol
TCLP Pentachlorophenol
TCLP p-Cresol
TCLP 2,4,5-Trichlorophenol
TCLP 2,4,6-Trichlorophenol

Result 35.3
Spike Amt 50
Sample Result 10.0U
%REC 70.66
Limits 27.38-126.40
Units ug/L
29.5 50 10.0U 59.04 19.64-107.65 ug/L
29.7 50 10.0U 59.40 0.00-145.15 ug/L
36.5 50 10.0U 73.02 80.00-120.00 ug/L
30.1 50 10.0U 60.28 0.00-128.19 ug/L
11.1 50 10.0U 22.14 19.54-137.80 ug/L
30.8 50 10.0U 61.54 30.20-91.20 ug/L
24.4 50 10.0U 48.80 9.42-115.10 ug/L
21.0 50 10.0U 42.06 13.24-105.62 ug/L

TCLP 2,4-Dinitrotoluene	36.2	50	10.0U	72.34	29.64-112.40	ug/L		
Matrix Spike Duplicate	Result	Spike Amt	Sample Result	%REC	Limits	RPD	RPD Limit	Units
TCLP Hexachlorobenzene	39.2	50.0	10.0U	78.30	27.38-126.40	10.26	15.00	ug/L
TCLP Hexachlorobutadiene	33.0	50.0	10.0U	66.06	19.64-107.65	11.22	13.24	ug/L
TCLP Hexachloroethane	32.8	50.0	10.0U	65.56	0.00-145.15	9.86	11.44	ug/L
TCLP Nitrobenzene	41.2	50.0	10.0U	82.32	80.00-120.00	11.97	19.47	ug/L
TCLP o-Cresol	27.4	50.0	10.0U	54.74	0.00-128.19	9.63	14.73	ug/L
TCLP Pentachlorophenol	12.9	50.0	10.0U	25.88	19.54-137.80	15.58	15.00	ug/L
TCLP p-Cresol	26.3	50.0	10.0U	52.58	30.20-91.20	15.70	15.00	ug/L
TCLP 2,4,5-Trichlorophenol	19.5	50.0	10.0U	39.00	9.42-115.10	22.32	15.00	ug/L
TCLP 2,4,6-Trichlorophenol	16.5	50.0	10.0U	32.92	13.24-105.62	24.38	15.00	ug/L
TCLP 2,4-Dinitrotoluene	41.6	50.0	10.0U	83.22	29.64-112.40	13.99	15.00	ug/L

QC Batch 10210499

Analyst:DLJ

Blank

Result Units

TCLP Chlordane	0.0250U	ug/L
TCLP Endrin	0.0250U	ug/L
TCLP Heptachlor	0.0250U	ug/L
TCLP Heptachlor epoxide	0.0250U	ug/L
TCLP Lindane	0.0250U	ug/L
TCLP Methoxychlor	0.100U	ug/L
TCLP Toxaphene	0.500U	ug/L

Laboratory Control Sample

Result	Amt	%REC	Limits	Units
0.216	0.250	86.22	2.10-162.09	ug/L
0.143	0.125	114.10	34.39-141.44	ug/L
0.110	0.125	87.84	7.66-153.11	ug/L
0.110	0.125	87.94	19.73-159.59	ug/L
0.123	0.125	98.09	13.70-157.78	ug/L
0.147	0.125	117.92	28.51-147.24	ug/L

QC Batch 10210519

Analyst:DLJ

Blank

Result Units

TCLP 2,4,5-TP (Silvex)	0.250U	ug/L
TCLP 2,4-D	0.250U	ug/L

Laboratory Control Sample

Result	Amt	%REC	Limits	Units
2.89	2.50	115.62	50.29-139.77	ug/L
3.13	2.50	125.06	41.76-151.02	ug/L

QC Batch 10210670

Analyst:CLS

Blank

Result Units

TCLP Benzene	0.500U	ug/L
TCLP Carbon tetrachloride	0.500U	ug/L
TCLP Chlorobenzene	0.500U	ug/L
TCLP Chloroform	0.500U	ug/L
TCLP Methyl ethyl ketone	1.00U	ug/L
TCLP Para-dichlorobenzene	0.500U	ug/L
TCLP Tetrachloroethene	0.500U	ug/L
TCLP Trichloroethene	0.500U	ug/L
TCLP Vinyl chloride	0.500U	ug/L
TCLP 1,1-dichloroethene	0.500U	ug/L
TCLP 1,2-dichloroethane	0.500U	ug/L

Laboratory Control Sample

Result	Amt	%REC	Limits	Units
10.2	10.0	101.70	75.79-126.89	ug/L
10.5	10.0	104.60	69.36-130.56	ug/L
9.99	10.0	99.90	77.10-124.13	ug/L
10.2	10.0	101.60	73.85-130.22	ug/L
11.0	10.0	110.20	63.58-164.31	ug/L
10.1	10.0	100.90	55.13-132.29	ug/L
10.7	10.0	107.10	57.01-180.05	ug/L
10.5	10.0	104.80	77.49-132.83	ug/L
10.0	10.0	100.00	53.81-150.89	ug/L
10.9	10.0	109.40	55.60-147.84	ug/L
10.6	10.0	106.20	74.48-126.15	ug/L

Matrix Spike

Result	Spike Amt	Sample Result	%REC	Limits	Units
19.5	20	10.0U	97.45	73.53-127.27	ug/L
20.6	20	10.0U	102.95	70.36-133.51	ug/L
19.4	20	10.0U	97.00	76.46-123.44	ug/L
19.6	20	10.0U	97.95	69.24-132.12	ug/L
18.2	20	20.0U	91.20	68.10-155.82	ug/L
19.1	20	10.0U	95.35	68.23-127.62	ug/L
18.5	20	10.0U	92.35	56.49-176.33	ug/L
19.4	20	10.0U	97.05	75.08-132.11	ug/L
21.9	20	10.0U	109.55	55.68-147.46	ug/L
21.7	20	10.0U	108.25	57.79-148.12	ug/L
20.2	20	10.0U	100.90	67.92-133.98	ug/L

Matrix Spike Duplicate

Result	Amt	Sample Result	%REC	Limits	RPD	RPD Limit	Units
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TCLP Benzene	20.4	20.0	10.0U	102.20	73.53-127.27	4.76	25.73	ug/L
TCLP Carbon tetrachloride	21.7	20.0	10.0U	108.45	70.36-133.51	5.20	25.04	ug/L
TCLP Chlorobenzene	20.3	20.0	10.0U	101.30	76.46-123.44	4.34	25.51	ug/L
TCLP Chloroform	20.4	20.0	10.0U	101.80	69.24-132.12	3.85	26.42	ug/L
TCLP Methyl ethyl ketone	20.8	20.0	20.0U	104.10	68.10-155.82	13.21	32.39	ug/L
TCLP Para-dichlorobenzene	19.9	20.0	10.0U	99.45	68.23-127.62	4.21	25.77	ug/L
TCLP Tetrachloroethene	19.4	20.0	10.0U	97.15	56.49-176.33	5.07	28.08	ug/L
TCLP Trichloroethene	20.4	20.0	10.0U	101.80	75.08-132.11	4.78	26.58	ug/L
TCLP Vinyl chloride	21.5	20.0	10.0U	107.65	55.68-147.46	1.75	27.15	ug/L
TCLP 1,1-dichloroethene	22.5	20.0	10.0U	112.30	57.79-148.12	3.67	29.88	ug/L
TCLP 1,2-dichloroethane	20.9	20.0	10.0U	104.50	67.92-133.98	3.51	25.13	ug/L

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**Advanced
Environmental Laboratories, Inc.**

Dept. of Environmental Protection
OCT 16 2013
Southwest District

9610 Princess Palm Avenue
Tampa, Florida 33619
(813) 630-9616
FAX (813) 630-4327

Client: Cintas #G67

Project Name: P.C.C.D.

Project Number:

Report No.: T073086

Date Sampled: 4/18/2007

Date Received: 4/18/07 9:05

Date Reported: 5/10/2007

Attention: Jerry Bolden

Phone Number: 8137528566

Address: 1908 Wood Court

Plant City, FL 33565

FILE
CINTAS
PLANT CITY

Project Description

The analytical results for the samples contained in this report were submitted for analysis as outlined by the Chain of Custody.

Project Name: P.C.C.D.

Approved By: _____

Michael Cammarata, Laboratory Manager

If there are any questions involving this report, the above named should be contacted.

**THIS REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT
THE WRITTEN APPROVAL OF THE LABORATORY.**

Advanced Environmental Laboratories certifies that the test results in this report meet all requirements of the NELAC standards, unless notated otherwise in the body of the report.

Total Number of Pages = 23

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Cintas #G67

Report No.: T073086

Project Name: P.C.C.D.

Date/Time Received: 4/18/07 9:05

Lab Code: T073086-01

Date/Time Sampled: 4/18/2007 8:00

Client Sample ID: Pre-Treatment

Shipping Method: client drop off

Site: Tank #2

Sampled By:

Matrix: Soil

Sampling Method: G

Miscellaneous Analytes

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Flashpoint	1			149	°F		SW1010		J

TCLP Metals

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Arsenic	1	0.061	0.24	0.061	mg/L	U	SW6010B		J
Barium	1	0.0047	0.019	1.4	mg/L		SW6010B		J
Cadmium	1	0.00082	0.0033	0.11	mg/L		SW6010B		J
Chromium	1	0.0024	0.0096	0.0024	mg/L	U, V	SW6010B		J
Lead	1	0.011	0.044	0.011	mg/L	U	SW6010B		J
Selenium	1	0.036	0.14	0.036	mg/L	U	SW6010B		J
Silver	1	0.0084	0.034	0.0084	mg/L	U	SW6010B		J

TCLP Metals (Hg)

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Mercury	1	0.000050	0.00020	0.000050	mg/L	U	SW7470A		J

TCLP Pesticides

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
Chlordane	50	2.4	9.6	2.4	ug/L	U	SW8081A		J
Endrin	50	0.17	0.66	0.17	ug/L	U	SW8081A		J
Gamma-BHC (Lindane)	50	0.16	0.64	0.16	ug/L	U	SW8081A		J
Heptachlor	50	0.25	1.0	0.25	ug/L	U	SW8081A		J
Heptachlor Epoxide	50	0.35	1.4	0.35	ug/L	U	SW8081A		J
Methoxychlor	50	0.28	1.1	0.28	ug/L	U	SW8081A		J
Toxaphene	50	4.6	18	4.6	ug/L	U	SW8081A		J

TCLP Semi-Volatile Organic Compounds

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,4-Dichlorobenzene	50	0.14	0.58	0.14	mg/L	U	SW8270C		J
2,4,5-Trichlorophenol	50	0.17	0.69	0.17	mg/L	U	SW8270C		J
2,4,6-Trichlorophenol	50	0.11	0.44	0.11	mg/L	U	SW8270C		J
2,4-Dinitrotoluene	50	0.047	0.19	0.047	mg/L	U	SW8270C		J
Cresols, Total	50	0.42	1.7	0.42	mg/L	U	SW8270C		J
Hexachlorobenzene	50	0.088	0.35	0.088	mg/L	U	SW8270C		J
Hexachlorobutadiene	50	0.11	0.42	0.11	mg/L	U	SW8270C		J
Hexachloroethane	50	0.14	0.56	0.14	mg/L	U	SW8270C		J
Nitrobenzene	50	0.050	0.20	0.050	mg/L	U	SW8270C		J
Pentachlorophenol	50	0.16	0.63	0.16	mg/L	U	SW8270C		J
Pyridine	50	0.092	0.37	0.092	mg/L	U	SW8270C		J

TCLP Volatile Organics

Analytes:	Dilution	Adjusted MDL	Adjusted PQL	Results	Units	Qualifier(s)	Method	Parameter Comment	Lab
1,1-Dichloroethene	10	0.0050	0.020	0.0050	mg/L	U	SW8260B		J
1,2-Dichloroethane	10	0.0036	0.014	0.0036	mg/L	U	SW8260B		J

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Cintas #G67

Report No.: T073086

Project Name: P.C.C.D.

Date/Time Received: 4/18/07 9:05

Quality Assurance Report

Method Blanks

TCLP Metals							
QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M042507-ICP-2	Arsenic	Method Blank	SW6010B	0.061	0.061	mg/L	U
M042507-ICP-2	Barium	Method Blank	SW6010B	0.0047	0.0047	mg/L	U
M042507-ICP-2	Cadmium	Method Blank	SW6010B	0.00082	0.00082	mg/L	U
M042507-ICP-2	Chromium	Method Blank	SW6010B	0.0024	0.0027	mg/L	I
M042507-ICP-2	Lead	Method Blank	SW6010B	0.011	0.011	mg/L	U
M042507-ICP-2	Selenium	Method Blank	SW6010B	0.036	0.036	mg/L	U
M042507-ICP-2	Silver	Method Blank	SW6010B	0.0084	0.0084	mg/L	U

TCLP Metals (Hg)							
QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
M042607-HG-3	Mercury	Method Blank	SW7470A	0.000050	0.000050	mg/L	U

TCLP Semi-Volatile Organic Compounds							
QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
SV042707L	1,4-Dichlorobenzene	Method Blank	SW8270C	0.0029	0.0029	mg/L	U
SV042707L	2,4,5-Trichlorophenol	Method Blank	SW8270C	0.0035	0.0035	mg/L	U
SV042707L	2,4,6-Trichlorophenol	Method Blank	SW8270C	0.0022	0.0022	mg/L	U
SV042707L	2,4-Dinitrotoluene	Method Blank	SW8270C	0.00094	0.00094	mg/L	U
SV042707L	Cresols, Total	Method Blank	SW8270C	0.0085	0.0085	mg/L	U
SV042707L	Hexachlorobenzene	Method Blank	SW8270C	0.0018	0.0018	mg/L	U
SV042707L	Hexachlorobutadiene	Method Blank	SW8270C	0.0021	0.0021	mg/L	U
SV042707L	Hexachloroethane	Method Blank	SW8270C	0.0028	0.0028	mg/L	U
SV042707L	Nitrobenzene	Method Blank	SW8270C	0.0010	0.0010	mg/L	U
SV042707L	Pentachlorophenol	Method Blank	SW8270C	0.0032	0.0032	mg/L	U
SV042707L	Pyridine	Method Blank	SW8270C	0.0018	0.0018	mg/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
2-Fluorophenol	26	ug/L	52		20 - 119
Phenol-d6	20	ug/L	40		18 - 121
Nitrobenzene d5	38	ug/L	76		23 - 120
2-Fluorobiphenyl	38	ug/L	76		20 - 119
2,4,6-Tribromophenol	37	ug/L	74		15 - 112
p-Terphenyl-d14	55	ug/L	110		18 - 137

TCLP Pesticides							
QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
sv042807c	Chlordane	Method Blank	SW8081A	0.048	0.048	ug/L	U
sv042807c	Endrin	Method Blank	SW8081A	0.0033	0.0033	ug/L	U
sv042807c	Gamma-BHC (Lindane)	Method Blank	SW8081A	0.0032	0.0032	ug/L	U
sv042807c	Heptachlor	Method Blank	SW8081A	0.0050	0.0050	ug/L	U
sv042807c	Heptachlor Epoxide	Method Blank	SW8081A	0.0069	0.0069	ug/L	U
sv042807c	Methoxychlor	Method Blank	SW8081A	0.0056	0.0056	ug/L	U
sv042807c	Toxaphene	Method Blank	SW8081A	0.091	0.091	ug/L	U

Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	1.1	ug/L	110		24 - 166
Decachlorobiphenyl	0.38	ug/L	76		10 - 146

TCLP Volatile Organics							
QCBatchID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
V042507A	1,1-Dichloroethene	Method Blank	SW8260B	0.00050	0.00050	mg/L	U
V042507A	1,2-Dichloroethane	Method Blank	SW8260B	0.00036	0.00036	mg/L	U
V042507A	1,4-Dichlorobenzene	Method Blank		0.00030	0.00030	mg/L	U

Advanced Environmental Laboratories, Inc.

Analytical Report

Client: Cintas #G67

Report No.: T073086

Project Name: P.C.C.D.

Date/Time Received: 4/18/07 9:05

			SW8260B				
V042507A	Benzene	Method Blank	SW8260B	0.00030	0.00030	mg/L	U
V042507A	Carbon Tetrachloride	Method Blank	SW8260B	0.00039	0.00039	mg/L	U
V042507A	Chlorobenzene	Method Blank	SW8260B	0.00031	0.00031	mg/L	U
V042507A	Chloroform	Method Blank	SW8260B	0.00041	0.00041	mg/L	U
V042507A	Methyl ethyl ketone	Method Blank	SW8260B	0.00025	0.00025	mg/L	U
V042507A	Tetrachloroethene	Method Blank	SW8260B	0.00043	0.00043	mg/L	U
V042507A	Trichloroethene	Method Blank	SW8260B	0.00043	0.00043	mg/L	U
V042507A	Vinyl Chloride	Method Blank	SW8260B	0.00049	0.00049	mg/L	U
Surrogate(s)	Result	Units	% Recovery	Qualifier	Acceptance Limits		
1,2-Dichloroethane-d4	53	ug/L	106		80 - 120		
Toluene d(8)	51	ug/L	102		88 - 110		
4-Bromofluorobenzene	51	ug/L	102		86 - 115		

Miscellaneous Analytes

QC Batch ID	Analyte	QC Sample Type	Method	MDL	Result	Units	Qualifier
WCJ-050107-FP	Flashpoint	Decane Standard	SW1010		116	°F	

Quality Assurance Qualifiers:

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U The compound was analyzed for but not detected.

Definitions:

Water matrix refers to all aqueous matrices except drinking water, including but not limited to, wastewater, ground water, surface water, aqueous wastes and leach
 Soil matrix refers to all non-aqueous matrices, including soils, solids, sludges, semi-solids, and non-aqueous waste samples
 All results in mg/kg or % are reported in dry weight basis, unless notated otherwise. All results in mg/L are reported in wet weight basis.
 MDL Method Detection Limit, without correction for dilution or moisture content
 Adjusted Reporting Limit is the MDL accounting for all dilutions and moisture content calculations.
 PQL is defined to be 4 times the MDL, for all results qualified with a 'I' qualifier.
 Sampling Method; G=Grab, P=Pump, C=Composite

The estimated measurements of uncertainty can be provided upon request

This is the last page of the analytical report.

Chain-of-Custody for AEL Tampa to AEL Jax

AEL Tampa
9610 Princess Palm Avenue
Tampa, FL 33619
813-630-9616 Fax 813-630-4327
Contact Person: Michael Cammarata

AEL Jax
6601 Southpoint Parkway
Jacksonville, FL 32216
904-363-9350 Fax 904-363-9354
Contact Person: Sean Hyde

Project #: T073086
CustomerName: Cintas #G67
Collector:

☐ Check if Rush

Lab Code	Client Sample ID	Test	Matrix	Collect Date / Time	Receive Date	Due Date	# Bottles	Bottle Type (Pres.)
T073086-01	Pre-Treatment	Flashpoint	Soil	4/18/2007 8:00	4/18/07 9:05	5/2/2007	_____	4oz. Glass Jar
T073086-01	Pre-Treatment	Hg (TCLP)	Soil	4/18/2007 8:00	4/18/07 9:05	5/2/2007	_____	4oz. Glass Jar
T073086-01	Pre-Treatment	TCLP ICP Metals	Soil	4/18/2007 8:00	4/18/07 9:05	5/2/2007	_____	8oz. Glass Jar
T073086-01	Pre-Treatment	TCLP Pesticides	Soil	4/18/2007 8:00	4/18/07 9:05	5/2/2007	_____	8oz. Glass Jar
T073086-01	Pre-Treatment	TCLP Semi-Volatiles	Soil	4/18/2007 8:00	4/18/07 9:05	5/2/2007	_____	8oz. Glass Jar
T073086-01	Pre-Treatment	TCLP Volatiles	Soil	4/18/2007 8:00	4/18/07 9:05	5/2/2007	_____	8oz. Glass Jar

Tampa Relinquisher: _____

Shipping Receiver: AEL Courier

Date/Time: _____

Shipping Relinquisher: AEL Courier

Jacksonville Receiver: _____

Date/Time: _____



Advanced Environmental Labs Inc

Advanced Environmental Labs
9610 Princess Palm Ave.
Tampa, FL 33619

Client: Cintas
eTime Rcvd: 4/18/07 905
Received by: AK

Project name: PCCD
Log-In request number: T073086
Completed by: AK

Carrier/Shipping Information:

Carrier: ☐ AEL ☒ Client ☐ UPS ☐ Blue Streak ☐ FedEx ☐ Other (describe): _____

Per: ☒ Cooler ☐ Box ☐ Other (describe): _____

Cooler temperature: Identify the cooler and document the temperature blank or ice water measurement.

pH (if applicable)					
Temp (°C)	0°C				
Temp taken from	☐ Temp blank ☒ Sample bottle	☐ Temp blank ☐ Sample bottle	☐ Temp blank ☐ Sample bottle	☐ Temp blank ☐ Sample bottle	☐ Temp blank ☐ Sample bottle
Temp measured with	☒ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):	☐ IR gun (ID: 10A) ☐ Thermometer (enter ID):

Other Information:

Any "NO" responses or discrepancies should be explained in the "Comments" section below.

CHECKLIST

YES NO NA

1. Were custody seals on shipping container(s) intact?			☒
2. Were custody papers properly included with samples?	☒		
3. Were custody papers properly filled out (ink, signed, match labels)?	☒		
4. Did all bottles arrive in good condition (unbroken)?	☒		
5. Were all bottle labels complete (sample #, date, signed, analysis, preservatives)?	☒		
6. Did the sample labels agree with the chain of custody?	☒		
7. Were correct bottles used for the tests indicated?	☒		
8. Were proper sample preservation techniques indicated on the label?	☒		
9. Were samples received within holding times?	☒		☒
10. Were all VOA vials checked for the presence of air bubbles?			☒
11. Were there air bubbles present in the VOA vials?			☒
12. Were samples in direct contact with wet ice? If "No," check one: ☐ NO ICE ☐ BLUE ICE	☒		
13. Was the cooler temperature less than 6°C?	☒		
14. Were sample pHs checked and recorded by Sample control? NOTE: VOA samples are checked by laboratory analysts.	☒		
15. Were the sample containers provided by AEL?	☒		
16. Were samples accepted into the laboratory?	☒		

Comments:



- ☐ Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
- ☐ Tampa: 9610 Princess Palm Avenue, Tampa, FL 33619 • (813) 630-9616 Fax (813) 630-4327
- ☐ Gainesville: 2106 NW 67th Place, Suite 7, Gainesville, FL 32653 • (352) 367-1500 Fax (352) 367-0050
- ☐ Orlando: 528 S. North Lake Blvd., Suite 1016, Altamonte Springs, FL 32701 • (407) 937-1594 Fax (407) 937-1597

LAB NUMBER: ~~70755200~~

Page 1 of 1

wrong # Ah 4/18/07

[illegible]

WW=waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge

[illegible]

$I = \text{Ice}$ $H = (\text{HCl})$ $S = (\text{H}_2\text{SO}_4)$ $N = (\text{HNO}_3)$ $T = (\text{Sodium Thiosulfate})$

Relinquished by:

Date Time

Received by:

Date Time

Shipper		Method	Sample Kit	Couler #	Requested by:	Date	Time	Received by:	Date	Time
GAC	/ /	Via	AB	D/T	<i>[Signature]</i>	4/18/07	905	<i>[Signature]</i>	4/18/07	905
			AD	B/T						
			Trip Bl.							

OCT 16 2013

Southwest District

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006



May 07, 2007

Michael Cammarata
ADVANCED ENVIR. LABS, INC
9610 Princess Palm Avenue
Tampa, FL 33619

RE: Project: 2068694
RE: Project ID: T073085-3088

Dear Michael Cammarata:

Enclosed are the analytical results for sample(s) received by the laboratory on April 20, 2007. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Karen Brown', with a stylized, cursive-like script.

Karen Brown



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, Inc.

1000 Riverbend Blvd, Suite F
St. Rose, LA 70087

Phone: 504.469.0333

Fax: 504.469.0555

LELAP # 02006



Report of Laboratory Analysis

Project Number: 2068694



5/7/2007 16:08:28



Sample Cross Reference Report

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: ADVANCED ENVIR. LABS, INC

Project: T073085-3088

Project No.: 2068694

Sample ID	Lab ID	Matrix	Collection Date/Time		Received Date/Time	
T073085-01E	20515130	Soil	04/17/2007	09:30	04/20/2007	10:00
T073086-01A	20515131	Soil	04/18/2007	08:00	04/20/2007	10:00
T073087-01C	20515132	Soil	04/18/2007	08:30	04/20/2007	10:00
T073088-01B	20515133	Soil	04/17/2007	13:00	04/20/2007	10:00

5/7/2007 16:08:31

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0661
Louisiana Dept. of Health and Hospitals (Drinking Water) - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Project Narrative

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2068694

Sample Receipt Condition:

All samples were received in accordance with EPA protocol.

Holding Times:

All holding times were met.

Blanks:

All blank results were below reporting limits.

Laboratory Control Samples:

All LCS recoveries were within QC limits.

Matrix Spikes and Duplicates:

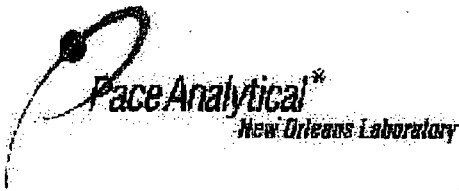
All MS/MSD recoveries or duplicate RPDs were within QC limits.

Surrogates:

All surrogate recoveries were within QC limits.

5/7/2007 16:08:56

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0661
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Project Narrative

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: 2068694

Analytical Method	Batch	Sample used for QC
EPA 8151	84905	Client sample T078083-01 from project 2068600

For the sample used as the original for the DUP or MS/MSD for the batch:

Project sample means a sample from this project was used.

Client sample means a sample from the same client but in a different project was used.

Batch sample means a sample from the a different client was used.

5/7/2007 16:08:59
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0661
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87585
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd, Suite F
St. Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: ADVANCED ENVIR. LABS, INC

Client ID: T073085-01E

Site: None

Project: T073085-3088

Project No.: 2068694

Sample Qu:

Lab ID: 20515130 (TCLP)

Matrix: Soil

% Moisture: 0 Not Corrected

Description: None

Prep Level: Soil

Batch: 84905

Method: 8151 Herbs TCLP

Units: mg/L

Target List: 8151 LL20

Prep Method: EPA 3520

Collected: 04/17/07

Received: 04/20/07

Prep Factor: 1

Prepared: 04/26/07

Analyzed: 05/04/07 14:50 SPP1

CAS Number	Parameter	Dilution	Result	Qu	MDL	PQL	Reg. Limit
94-75-7	2,4-D	1	0.0106	U	0.0106	0.0200	10.0
93-72-1	2,4,5-TP (Silvex)	1	0.000700	U	0.000700	0.0200	1.00

2 compound(s) reported

The Prep Factor accounts for a non-routine sample size.

PQL is corrected for sample size, dilution and moisture content if applicable.

Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

U qualifier denotes the analyte is not detected above the MDL.

For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

5/7/2007 16:09:02

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0661
Louisiana Dept. of Health and Hospitals / Drinking Water - LA080023
Florida Dept. of Health (NELAC) - E87585
Kansas Dept. of Health / Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: ADVANCED ENVIR. LABS. INC

Client ID: T073086-01A
Project: T073085-3088
Lab ID: 20515131 (TCLP)
Description: None
Method: 8151 Herbs TCLP
Prep Method: EPA 3520
Prep Factor: 1

Site: None
Project No.: 2068694 Sample Qu:
Matrix: Soil % Moisture: 0 Not Corrected
Prep Level: Soil Batch: 84905
Units: mg/L Target List: 8151 LL20
Collected: 04/18/07 Received: 04/20/07
Prepared: 04/26/07 Analyzed: 05/04/07 16:13 SPP1

CAS Number	Parameter	Dilution	Result	Qu	MDL	PQL	Reg. Limit
94-75-7	2,4-D	1	0.0106	U	0.0106	0.0200	10.0
93-72-1	2,4,5-TP (Silvex)	1	0.000700	U	0.000700	0.0200	1.00

2 compound(s) reported

The Prep Factor accounts for a non-routine sample size.

PQL is corrected for sample size, dilution and moisture content if applicable.

Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

U qualifier denotes the analyte is not detected above the MDL.

For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

5/7/2007 16:09:02

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 68-0661
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87685
Kansas Dept. of Health Environment - E-10265
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: ADVANCED ENVIR. LABS, INC

Client ID: T073087-01C
Project: T073085-3088
Lab ID: 20515132 (TCLP)
Description: None
Method: 8151 Herbs TCLP
Prep Method: EPA 3520
Prep Factor: 1

Site: None
Project No.: 2068694
Matrix: Soil
Prep Level: Soil
Units: mg/L
Collected: 04/18/07
Prepared: 04/26/07
Sample Qu:
% Moisture: 0 Not Corrected
Batch: 84905
Target List: 8151 LL20
Received: 04/20/07
Analyzed: 05/04/07 16:40 SPP1

CAS Number	Parameter	Dilution	Result	Qu	MDL	PQL	Reg. Limit
94-75-7	2,4-D	1	0.0106	U	0.0106	0.0200	10.0
93-72-1	2,4,5-TP (Silvex)	1	0.000700	U	0.000700	0.0200	1.00

2 compound(s) reported

The Prep Factor accounts for a non-routine sample size.
PQL is corrected for sample size, dilution and moisture content if applicable.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
(U) qualifier denotes the analyte is not detected above the MDL.
For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

5/7/2007 16:09:02
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0881
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87885
Kansas Dept. of Health - Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Pace Analytical

New Orleans Laboratory

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087

Phone: 504.468.0333
Fax: 504.468.0555
LELAP # 02006

Client: ADVANCED ENVIR. LABS, INC

Client ID: T073088-01B

Site: None

Project: T073085-3088

Project No.: 2068694

Sample Qu:

Lab ID: 20515133 (TCLP)

Matrix: Soil

% Moisture: 0 Not Corrected

Description: None

Prep Level: Soil

Batch: 84905

Method: 8151 Herbs TCLP

Units: mg/L

Target List: 8151 LL20

Prep Method: EPA 3520

Collected: 04/17/07

Received: 04/20/07

Prep Factor: 1

Prepared: 04/26/07

Analyzed: 05/04/07 15:18 SPP1

CAS Number	Parameter	Dilution	Result	Qu	MDL	PQL	Reg. Limit
94-75-7	2,4-D	1	0.0106	U	0.0106	0.0200	10.0
93-72-1	2,4,5-TP (Silvex)	1	0.000700	U	0.000700	0.0200	1.00

2 compound(s) reported

The Prep Factor accounts for a non-routine sample size.

PQL is corrected for sample size, dilution and moisture content if applicable.

Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

U qualifier denotes the analyte is not detected above the MDL.

For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Regulatory limit denotes an actual regulatory limit or a client-requested notification limit.

5/7/2007 16:09:03

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0891
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87555
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0655
LELAP # 02006

Method: EPA 8151

Project: 2068694

LCS: 20516386 5/4/2007 1:28:00 PM

Batch: 84905

MS: 20515063 4/26/2007 1:37:00 PM

Units: mg/L

Original for MS: 20514471 Batch Sample

Parameter Name	LCS Spike	LCS Found	LCS %Rec	MS Spike	Sample Found	MS Found	MSD Found	MS %Rec	MSD %Rec	MSD RPD	QC Limits		Max	Qu
											LCS	MS/MSD	RPD	
2,4-D	0.1	0.1144	114	0.1	0.01	0.1456	0.1306	137	122	11	25 - 163	10 - 182	20	Q10
2,4,5-TP (Silvex)	0.01	0.01142	114	0.01	0.00	0.01291	0.01309	124	126	1	30 - 165	15 - 174	20	Q10
2 compound(s) reported														

2 compound(s) reported

* denotes recovery outside of QC limits.

MS/MSD RPD is calculated via SW-846 rules on the basis of spiked sample concentrations rather than spike recoveries.

5/7/2007 16:09:05

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87585
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical*
New Orleans Laboratory

Report: 2068694

Batch: 84905

Lab ID	Type and Qualifiers	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
20515061	BLANK	109	116						
20515062	LCS	101	99						
20515063	MS	124	118						
20515064	MSD	131	123						
20515130	Sample	102	103						
20515131	Sample	110	115						
20515132	Sample	112	123						
20515133	Sample	23	24						
20516385	BLANK	101	110						
20516386	LCS	98	103						
QC limits:		10-181	10-181						

Sur 1: 2,4-DCPA (Conf)(S)
Sur 2: 2,4-DCPA (S)

5/1/2007 16:09:08

* denotes surrogate recovery outside of QC limits.
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Pace Analytical
New Orleans Laboratory

Lab ID: 20516385 (TCLP)

Description: 8151 Herbs TCLP Blank

Method: EPA 8151 (TCLP)

Project No.: 2068694

Batch: 84905

Units: mg/L

Prep Factor: 1

Leached:

Prepared: 26-Apr-07

Analyzed: 05/04/07 13:01 SPP1

CAS Number	Parameter	Dilution	Result	Qu	MDL	PQL
94-75-7	2,4-D	1	0.0106	U	0.0106	0.0200
93-72-1	2,4,5-TP (Silvex)	1	0.000700	U	0.000700	0.0200

2 compound(s) reported

5/7/2007 16:09:11

DF denotes Dilution Factor.

Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

"<" denotes not detected at or above the SQL.

DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.

Result, MDL, SQL and UQL is corrected for sample size, dilution and moisture content if applicable.

Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Surrogate Units = %

1 Qualifier indicates value is estimated, conc between PQL and MDL.

U Qualifier indicates value is undetected, conc < MDL

3/7

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0881
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87895
Kansas Dept. of Health, Environment - E-10286
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Report Qualifiers

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose, LA 70087
Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Project: **2068694**

QC Qualifiers

Qualifier	Qualifier Description
Q10	The spike recovery was above the laboratory QC limits, however, the data are reported without qualification since the target analyte was not detected in the corresponding samples.

5/7/2007 16:09:14
New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-9581
Louisiana Dept. of Health and Hospitals / Drinking Water - LA080023
Florida Dept. of Health (NELAC) - E87895
Kansas Dept. of Health Environment - E-10268
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270



Advanced
Environmental Laboratories, Inc.

- ☐ Jacksonville: 6601 Southpoint Parkway, Jacksonville, FL 32216 • (904) 363-9350 Fax (904) 363-9354
☐ Tampa: 9610 Princess Palm Avenue, Tampa, FL 33619 • (813) 630-9616 Fax (813) 630-4327
☐ Gainesville: 6815 SW Archer Road, Gainesville, FL 32608 • (352) 377-2349 Fax (352) 395-6639
☐ Orlando: 528 S. North Lake Blvd., Suite 1016, Altamonte Springs, FL 32701 • (407) 937-1594 Fax (407) 937-1597

CHAIN OF CUSTODY RECORD

LAB NUMBER:

2068694

Page _____ of _____

CLIENT NAME: ASI - TAMPA		PROJECT NAME:		BOTTLE SIZE & TYPE	A R E Q U I R E D	LAB N U M B E R					
ADDRESS:		P.O. NUMBER / PROJECT NUMBER:									
PHONE: _____ FAX: _____		PROJECT LOCATION:									
CONTACT: Michael Cammerata		SAMPLED BY:									
TURN AROUND TIME: ☐ STANDARD ☐ RUSH _____		REMARKS / SPECIAL INSTRUCTIONS: Sub to PACE-LA		TCLP Hatched (Short List)							
WW= waste water SW=surface water GW=ground water DW=drinking water OIL A=air SO=soil SL=sludge Preserv											
SAMPLE ID	SAMPLE DESCRIPTION	Grab Composite	SAMPLING DATE TIME				MATRIX	NO. CONT.			
	T073085-01E	G	4/17/07 0920	SO	1	X	20515130				
	T073086-01A		4/18/07 0800		1	X	131				
	T073087-01C		4/18/07 0830		1	X	132				
	T073088-01B		4/17/07 1300		1	X	133				
I = Ice H = (HCl) S = (H ₂ SO ₄) N = (HNO ₃) T = (Sodium Thiosulfate)											
Relinquished by:		Date		Time		Received by:		Date		Time	
Shipment:		4/18/07		17:00		4/18/07		17:00			
Out:		Fed Ex		4-200		1000		N J M L / Pca		4-200 1000	
Ref:											

Received on ice: ☐ yes ☐ no ☐ OC ☐ seal ☐ received

ice melted 21.7

revised 8/01

Analytical Report 464432

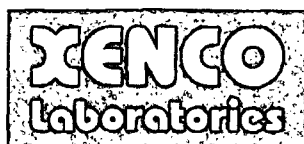
for
Cintas #069

Project Manager: Luke Gordley

Annual Sludge

17-JUN-13

Collected By: Robert Carrieri



Florida Testing Services, LLC



Xenco Laboratories
4320 Old Highway 37

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Lakeland: Florida (E84098)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)

Dept. of Environmental Protection
OCT 16 2013
Southwest District

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17-JUN-13

Project Manager: **Luke Gordley**
Cintas #069
9300 MCI Drive
Pinellas Park, FL 33782

Reference: XENCO Report No(s): **464432**
Annual Sludge
Project Address: FL

Luke Gordley:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 464432. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 464432 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Michelle B. Williams

Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

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Sample Cross Reference 464432



Cintas #069, Pinellas Park, FL

Annual Sludge

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Roll-off	S	06-05-13 10:35		464432-001
Trench	W	06-05-13 10:50		464432-002

Certificate of Analytical Results 464432



Cintas #069, Pinellas Park, FL Annual Sludge

Sample Id: **Roll-off**
Lab Sample Id: 464432-001

Matrix: **Sludge**
Date Collected: 06.05.13 10.35

Date Received: 06.05.13 12.04

Analytical Method: Reactive Cyanide by EPA 9010B

Tech: **DEP**
Analyst: **DEP**
Seq Number: 915758

% Moisture:
Basis: **Wet Weight**
SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Cyanide	57-12-5	U	0.200	0.176	mg/kg	06.10.13 10.50	U	1

Analytical Method: Flash Point by EPA 1010

Tech: **ANS**
Analyst: **ANS**
Seq Number: 915906

% Moisture:
Basis: **Wet Weight**
SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Flash Point		>180	75.0		Deg F	06.11.13 11.40	U	1

Analytical Method: Reactive Sulfide by SW 9030B

Tech: **DHE**
Analyst: **DHE**
Seq Number: 915804

% Moisture:
Basis: **Wet Weight**
SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfide	18496-25-8	U	50.0	6.72	mg/kg	06.10.13 15.47	U	1



Cintas #069, Pinellas Park, FL
Annual Sludge

Sample Id: **Roll-off**
Lab Sample Id: 464432-001

Matrix: **Sludge**
Date Collected: 06.05.13 10.35

Date Received: 06.05.13 12.04

Analytical Method: TCLP Mercury by SW-846 1311/7470A

Prep Method: SW7470P

Tech: **ANS**

% Moisture:

Analyst: **ANS**

Date Prep: 06.11.13 11.20

Seq Number: 915916

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	U	0.0000400	0.00000582	mg/L	06.11.13 16.14	U	1

Analytical Method: TCLP Metals by SW846 6010B

Prep Method: SW3010A

Tech: **SUW**

% Moisture:

Analyst: **KUG**

Date Prep: 06.10.13 12.00

Seq Number: 915879

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Arsenic	7440-38-2	U	0.100	0.0378	mg/L	06.10.13 20.42	U	1
Barium	7440-39-3	1.60	0.0500	0.00242	mg/L	06.10.13 20.42		1
Cadmium	7440-43-9	U	0.0500	0.00204	mg/L	06.10.13 20.42	U	1
Chromium	7440-47-3	U	0.0500	0.0177	mg/L	06.10.13 20.42	U	1
Lead	7439-92-1	U	0.0500	0.0460	mg/L	06.10.13 20.42	U	1
Selenium	7782-49-2	U	0.150	0.0270	mg/L	06.10.13 20.42	U	1
Silver	7440-22-4	U	0.100	0.00965	mg/L	06.10.13 20.42	U	1

Analytical Method: TCLP Herbicides by SW8151

Prep Method: SW8151A_EXT

Tech: **PJB**

% Moisture:

Analyst: **KKO**

Date Prep: 06.10.13 14.12

Seq Number: 915898

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
2,4,5-Tp	93-72-1	U	1.25	0.285	ug/L	06.11.13 08.41	U	1
2,4-D	94-75-7	U	1.25	0.725	ug/L	06.11.13 08.41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2,4-Dichlorophenylacetic Acid	19719-28-9	90	%	44-131	06.11.13 08.41	



Certificate of Analytical Results 464432



Cintas #069, Pinellas Park, FL

Annual Sludge

Sample Id: **Roll-off**
Lab Sample Id: 464432-001

Matrix: **Sludge**
Date Collected: 06.05.13 10.35

Date Received: 06.05.13 12.04

Analytical Method: TCLP Pesticides by SW8081A

Prep Method: SW3510C

Tech: **PJB**

% Moisture:

Analyst: **KKO**

Date Prep: 06.10.13 10.42

Seq Number: 915930

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Endrin	72-20-8	U	0.100	0.0565	ug/L	06.11.13 15.17	U	1
Gamma-BHC (Lindane)	58-89-9	U	0.100	0.0350	ug/L	06.11.13 15.17	U	1
Heptachlor	76-44-8	U	0.100	0.0640	ug/L	06.11.13 15.17	U	1
Heptachlor Epoxide	1024-57-3	U	0.100	0.0415	ug/L	06.11.13 15.17	U	1
Methoxychlor	72-43-5	U	0.100	0.0525	ug/L	06.11.13 15.17	U	1
Chlordane	12789-03-6	U	2.50	0.0255	ug/L	06.11.13 15.17	U	1
Toxaphene	8001-35-2	U	2.50	0.0250	ug/L	06.11.13 15.17	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag		
Tetrachloro-m-xylene	877-09-8	35	%	18-126	06.11.13 15.17			
Decachlorobiphenyl	2051-24-3	36	%	15-136	06.11.13 15.17			



Certificate of Analytical Results 464432



Cintas #069, Pinellas Park, FL

Annual Sludge

Sample Id: **Roll-off**
Lab Sample Id: 464432-001

Matrix: **Sludge**
Date Collected: 06.05.13 10.35

Date Received: 06.05.13 12.04

Analytical Method: TCLP SVOCs by SW-846 8270C

Prep Method: SW3510C

Tech: **LRA**

% Moisture:

Analyst: **CYE**

Date Prep: 06.07.13 12.09

Seq Number: 915812

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,4-Dichlorobenzene	106-46-7	U	0.0250	0.00323	mg/L	06.08.13 01.05	U	1
2,4,5-Trichlorophenol	95-95-4	U	0.0250	0.00274	mg/L	06.08.13 01.05	U	1
2,4,6-Trichlorophenol	88-06-2	U	0.0250	0.00190	mg/L	06.08.13 01.05	U	1
2,4-Dinitrotoluene	121-14-2	U	0.0125	0.00164	mg/L	06.08.13 01.05	U	1
2-methylphenol	95-48-7	U	0.0250	0.00361	mg/L	06.08.13 01.05	U	1
3&4-Methylphenol	15831-10-4	0.348	0.125	0.0243	mg/L	06.11.13 17.46		5
Hexachlorobenzene	118-74-1	U	0.0125	0.00122	mg/L	06.08.13 01.05	U	1
Hexachlorobutadiene	87-68-3	U	0.0250	0.00221	mg/L	06.08.13 01.05	U	1
Hexachloroethane	67-72-1	U	0.0250	0.00269	mg/L	06.08.13 01.05	U	1
Nitrobenzene	98-95-3	U	0.0250	0.00262	mg/L	06.08.13 01.05	U	1
Pentachlorophenol	87-86-5	U	0.0500	0.00279	mg/L	06.08.13 01.05	U	1
Pyridine	110-86-1	U	0.0500	0.00774	mg/L	06.08.13 01.05	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
2-Fluorophenol	367-12-4	77	%	30-100	06.08.13 01.05	
Phenol-d6	13127-88-3	80	%	15-94	06.08.13 01.05	
Nitrobenzene-d5	4165-60-0	81	%	46-111	06.08.13 01.05	
2-Fluorobiphenyl	321-60-8	81	%	44-117	06.08.13 01.05	
2,4,6-Tribromophenol	118-79-6	106	%	48-117	06.08.13 01.05	
Terphenyl-D14	1718-51-0	98	%	46-126	06.08.13 01.05	



Cintas #069, Pinellas Park, FL

Annual Sludge

Sample Id: **Roll-off**
Lab Sample Id: 464432-001

Matrix: **Sludge**
Date Collected: 06.05.13 10.35

Date Received: 06.05.13 12.04

Analytical Method: **TCLP VOAs by EPA 8260B**

Prep Method: **SW5030B**

Tech: **MCH**

% Moisture:

Analyst: **MCH**

Date Prep: **06.12.13 13.06**

Seq Number: **916056**

SUB: **E871002**

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	U	0.0250	0.000485	mg/L	06.12.13 16.00	U	1
Methyl ethyl ketone	78-93-3	0.0315	0.250	0.00682	mg/L	06.12.13 16.00	I	1
Carbon Tetrachloride	56-23-5	U	0.0250	0.000700	mg/L	06.12.13 16.00	U	1
Chlorobenzene	108-90-7	U	0.0250	0.000458	mg/L	06.12.13 16.00	U	1
Chloroform	67-66-3	0.00140	0.0250	0.00103	mg/L	06.12.13 16.00	I	1
1,4-Dichlorobenzene	106-46-7	U	0.0250	0.000610	mg/L	06.12.13 16.00	U	1
1,2-Dichloroethane	107-06-2	U	0.0250	0.000449	mg/L	06.12.13 16.00	U	1
1,1-Dichloroethene	75-35-4	U	0.0250	0.000557	mg/L	06.12.13 16.00	U	1
Tetrachloroethylene	127-18-4	U	0.0250	0.000980	mg/L	06.12.13 16.00	U	1
Trichloroethylene	79-01-6	U	0.0250	0.000650	mg/L	06.12.13 16.00	U	1
Vinyl Chloride	75-01-4	U	0.0100	0.000511	mg/L	06.12.13 16.00	U	1
Surrogate								
	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag		
Dibromofluoromethane	1868-53-7	99	%	75-131	06.12.13 16.00			
1,2-Dichloroethane-D4	17060-07-0	94	%	63-144	06.12.13 16.00			
Toluene-D8	2037-26-5	100	%	80-117	06.12.13 16.00			
4-Bromofluorobenzene	460-00-4	99	%	74-124	06.12.13 16.00			



Cintas #069, Pinellas Park, FL

Annual Sludge

Sample Id: **Trench**
Lab Sample Id: 464432-002

Matrix: **Sludge**
Date Collected: 06.05.13 10.50

Date Received: 06.05.13 12.04

Analytical Method: Reactive Cyanide by EPA 9010B

Tech: **DEP**
Analyst: **DEP**
Seq Number: 915758

% Moisture:
Basis: **Wet Weight**
SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Cyanide	57-12-5	U	0.200	0.176	mg/kg	06.10.13 10.50	U	1

Analytical Method: Flash Point by EPA 1010

Tech: **ANS**
Analyst: **ANS**
Seq Number: 915906

% Moisture:
Basis: **Wet Weight**
SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Flash Point		>180	75.0		Deg F	06.11.13 12.15	U	1

Analytical Method: Reactive Sulfide by SW 9030B

Tech: **DHE**
Analyst: **DHE**
Seq Number: 915804

% Moisture:
Basis: **Wet Weight**
SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Sulfide	18496-25-8	U	50.0	6.72	mg/kg	06.10.13 15.47	U	1



Certificate of Analytical Results 464432



Cintas #069, Pinellas Park, FL Annual Sludge

Sample Id: **Trench**
Lab Sample Id: 464432-002

Matrix: **Sludge**
Date Collected: 06.05.13 10.50

Date Received: 06.05.13 12.04

Analytical Method: TCLP Mercury by SW-846 1311/7470A
Tech: **ANS**
Analyst: **ANS**
Seq Number: 915916

Prep Method: SW7470P
% Moisture:

Date Prep: 06.11.13 11.20

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	U	0.0000400	0.00000582	mg/L	06.11.13 16.22	U	1

Analytical Method: TCLP Metals by SW846 6010B
Tech: **SUW**
Analyst: **KUG**
Seq Number: 915879

Prep Method: SW3010A
% Moisture:

Date Prep: 06.10.13 12.00

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Arsenic	7440-38-2	U	0.100	0.0378	mg/L	06.10.13 21.11	U	1
Barium	7440-39-3	1.82	0.0500	0.00242	mg/L	06.10.13 21.11		1
Cadmium	7440-43-9	U	0.0500	0.00204	mg/L	06.10.13 21.11	U	1
Chromium	7440-47-3	U	0.0500	0.0177	mg/L	06.10.13 21.11	U	1
Lead	7439-92-1	U	0.0500	0.0460	mg/L	06.10.13 21.11	U	1
Selenium	7782-49-2	U	0.150	0.0270	mg/L	06.10.13 21.11	U	1
Silver	7440-22-4	0.107	0.100	0.00965	mg/L	06.10.13 21.11		1

Analytical Method: TCLP Herbicides by SW8151
Tech: **PJB**
Analyst: **KKO**
Seq Number: 915898

Prep Method: SW8151A_EXT
% Moisture:

Date Prep: 06.10.13 14.15

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
2,4,5-Tp	93-72-1	U	1.25	0.285	ug/L	06.11.13 09.51	U	1
2,4-D	94-75-7	U	1.25	0.725	ug/L	06.11.13 09.51	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag		
2,4-Dichlorophenylacetic Acid	19719-28-9	115	%	44-131	06.11.13 09.51			

Certificate of Analytical Results 464432



Cintas #069, Pinellas Park, FL

Annual Sludge

Sample Id: **Trench**
Lab Sample Id: 464432-002

Matrix: **Sludge**
Date Collected: 06.05.13 10.50

Date Received: 06.05.13 12.04

Analytical Method: TCLP Pesticides by SW8081A

Prep Method: SW3510C

Tech: **PJB**

% Moisture:

Analyst: **KKO**

Date Prep: 06.10.13 10.45

Seq Number: 915930

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Endrin	72-20-8	U	0.100	0.0565	ug/L	06.11.13 15.34	U	1
Gamma-BHC (Lindane)	58-89-9	U	0.100	0.0350	ug/L	06.11.13 15.34	U	1
Heptachlor	76-44-8	U	0.100	0.0640	ug/L	06.11.13 15.34	U	1
Heptachlor Epoxide	1024-57-3	U	0.100	0.0415	ug/L	06.11.13 15.34	U	1
Methoxychlor	72-43-5	U	0.100	0.0525	ug/L	06.11.13 15.34	U	1
Chlordane	12789-03-6	U	2.50	0.0255	ug/L	06.11.13 15.34	U	1
Toxaphene	8001-35-2	U	2.50	0.0250	ug/L	06.11.13 15.34	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag		
Tetrachloro-m-xylene	877-09-8	32	%	18-126	06.11.13 15.34			
Decachlorobiphenyl	2051-24-3	26	%	15-136	06.11.13 15.34			



Cintas #069, Pinellas Park, FL
Annual Sludge

Sample Id: **Trench**
Lab Sample Id: 464432-002

Matrix: **Sludge**
Date Collected: 06.05.13 10.50

Date Received: 06.05.13 12.04

Analytical Method: **TCLP SVOCs by SW-846 8270C**
Tech: **LRA**
Analyst: **CYE**
Seq Number: **915812**

Prep Method: **SW3510C**
% Moisture:

Date Prep: **06.07.13 12.12**

SUB: **E871002**

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
1,4-Dichlorobenzene	106-46-7	U	0.125	0.0162	mg/L	06.11.13 18.06	U	5
2,4,5-Trichlorophenol	95-95-4	U	0.125	0.0137	mg/L	06.11.13 18.06	U	5
2,4,6-Trichlorophenol	88-06-2	U	0.125	0.00950	mg/L	06.11.13 18.06	U	5
2,4-Dinitrotoluene	121-14-2	U	0.0625	0.00820	mg/L	06.11.13 18.06	U	5
2-methylphenol	95-48-7	0.0335	0.125	0.0180	mg/L	06.11.13 18.06	I	5
3&4-Methylphenol	15831-10-4	U	0.125	0.0243	mg/L	06.11.13 18.06	U	5
Hexachlorobenzene	118-74-1	U	0.0625	0.00610	mg/L	06.11.13 18.06	U	5
Hexachlorobutadiene	87-68-3	U	0.125	0.0111	mg/L	06.11.13 18.06	U	5
Hexachloroethane	67-72-1	U	0.125	0.0135	mg/L	06.11.13 18.06	U	5
Nitrobenzene	98-95-3	U	0.125	0.0131	mg/L	06.11.13 18.06	U	5
Pentachlorophenol	87-86-5	U	0.250	0.0140	mg/L	06.11.13 18.06	U	5
Pyridine	110-86-1	U	0.250	0.0387	mg/L	06.11.13 18.06	U	5
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag		
2-Fluorophenol	367-12-4	67	%	30-100	06.11.13 18.06			
Phenol-d6	13127-88-3	61	%	15-94	06.11.13 18.06			
Nitrobenzene-d5	4165-60-0	60	%	46-111	06.11.13 18.06			
2-Fluorobiphenyl	321-60-8	67	%	44-117	06.11.13 18.06			
2,4,6-Tribromophenol	118-79-6	70	%	48-117	06.11.13 18.06			
Terphenyl-D14	1718-51-0	84	%	46-126	06.11.13 18.06			



Cintas #069, Pinellas Park, FL
Annual Sludge

Sample Id: **Trench**
Lab Sample Id: 464432-002

Matrix: **Sludge**
Date Collected: 06.05.13 10.50

Date Received: 06.05.13 12.04

Analytical Method: TCLP VOAs by EPA 8260B

Prep Method: SW5030B

Tech: **MCH**

% Moisture:

Analyst: **MCH**

Date Prep: 06.13.13 12.51

Seq Number: 916161

SUB: E871002

Parameter	Cas Number	Result	RL	MDL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	U	0.0250	0.000485	mg/L	06.13.13 14.21	U	1
Methyl ethyl ketone	78-93-3	U	0.250	0.00682	mg/L	06.13.13 14.21	U	1
Carbon Tetrachloride	56-23-5	U	0.0250	0.000700	mg/L	06.13.13 14.21	U	1
Chlorobenzene	108-90-7	U	0.0250	0.000458	mg/L	06.13.13 14.21	U	1
Chloroform	67-66-3	0.0335	0.0250	0.00103	mg/L	06.13.13 14.21		1
1,4-Dichlorobenzene	106-46-7	U	0.0250	0.000610	mg/L	06.13.13 14.21	U	1
1,2-Dichloroethane	107-06-2	U	0.0250	0.000449	mg/L	06.13.13 14.21	U	1
1,1-Dichloroethene	75-35-4	U	0.0250	0.000557	mg/L	06.13.13 14.21	U	1
Tetrachloroethylene	127-18-4	U	0.0250	0.000980	mg/L	06.13.13 14.21	U	1
Trichloroethylene	79-01-6	U	0.0250	0.000650	mg/L	06.13.13 14.21	U	1
Vinyl Chloride	75-01-4	U	0.0100	0.000511	mg/L	06.13.13 14.21	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag		
Dibromofluoromethane	1868-53-7	107	%	75-131	06.13.13 14.21			
1,2-Dichloroethane-D4	17060-07-0	93	%	63-144	06.13.13 14.21			
Toluene-D8	2037-26-5	97	%	80-117	06.13.13 14.21			
4-Bromofluorobenzene	460-00-4	93	%	74-124	06.13.13 14.21			

FLORIDA flagging criteria

Data were reviewed by the
Department Supervisor and QA Director

- A** Value reported is the mean (average) of two or more determinations.
- B** Results based upon colony counts outside the acceptable range.
- J** Estimated value; value not accurate. All results with a "J" qualifier require comment.
- J1: Surrogate Recoveries exceed established QA/QC Limits
 - J2: No known QA/QC exists.
 - J3: Reported value failed to meet established QA/QC limits or the sample matrix interfered with the ability to make an accurate determination
 - J4: The data is questionable due to improper laboratory or field protocols
- Q** Sample held beyond the accepted holding time
- T** Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.
- U** Compound was analyzed for but not detected at the MDL Level.
- V** Analyte was detected in both the sample and the associated method blank.
- Y** Laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
- I** The reported value is between the laboratory MDL and the laboratory PQL.
- R** Significant rain in the past 48 hours.
- +** NELAC certification not offered for this compound.
- *** (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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Cintas #069
Annual Sludge

Analytical Method: Reactive Cyanide by EPA 9010B

Seq Number: 915758 Matrix: Solid
MB Sample Id: 915758-1-BLK LCS Sample Id: 915758-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Cyanide	<0.880	20.0	20.0	100	60-120	mg/kg	06.10.13 10:50	

Analytical Method: Reactive Cyanide by EPA 9010B

Seq Number: 915758 Matrix: Soil
Parent Sample Id: 464387-001 MD Sample Id: 464387-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Cyanide	<0.176	<0.176	0	20	mg/kg	06.10.13 10:50	U

Analytical Method: TCLP Mercury by SW-846 1311/7470A

Seq Number: 915916 Matrix: Water
MB Sample Id: 639498-1-BLK LCS Sample Id: 639498-1-BKS

Prep Method: SW7470P
Date Prep: 06.11.13

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Mercury	<0.0000291	0.00200	0.00199	100	80-120	mg/L	06.11.13 15:56	

Analytical Method: TCLP Mercury by SW-846 1311/7470A

Seq Number: 915916 Matrix: Water
Parent Sample Id: 464487-001 MS Sample Id: 464487-001 S

Prep Method: SW7470P
Date Prep: 06.11.13
MSD Sample Id: 464487-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.0000058	0.000400	0.000398	100	0.000395	99	75-125	1	20	mg/L	06.11.13 16:01	

Analytical Method: TCLP Metals by SW846 6010B

Seq Number: 915879 Matrix: Water
MB Sample Id: 639434-1-BLK LCS Sample Id: 639434-1-BKS

Prep Method: SW3010A
Date Prep: 06.10.13
LCSD Sample Id: 639434-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	0.0109	1.00	1.06	106	1.04	104	80-120	2	20	mg/L	06.10.13 20:31	
Barium	<0.000483	1.00	1.01	101	0.994	99	80-120	2	20	mg/L	06.10.13 20:31	
Cadmium	<0.000408	1.00	1.01	101	0.999	100	80-120	1	20	mg/L	06.10.13 20:31	
Chromium	<0.00355	1.00	1.04	104	1.03	103	80-120	1	20	mg/L	06.10.13 20:31	
Lead	<0.00921	1.00	1.06	106	1.05	105	80-120	1	20	mg/L	06.10.13 20:31	
Selenium	<0.00540	1.00	1.07	107	1.05	105	80-120	2	20	mg/L	06.10.13 20:31	
Silver	0.00277	0.500	0.537	107	0.524	105	80-120	2	20	mg/L	06.10.13 20:31	



Cintas #069

Annual Sludge

Analytical Method: TCLP Metals by SW846 6010B

Seq Number: 915879

Parent Sample Id: 464432-001

Matrix: Sludge

MS Sample Id: 464432-001 S

Prep Method: SW3010A

Date Prep: 06.10.13

MSD Sample Id: 464432-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	<0.0378	5.00	5.36	107	5.37	107	75-125	0	20	mg/L	06.10.13 20:48	
Barium	1.60	5.00	6.59	100	6.57	99	75-125	0	20	mg/L	06.10.13 20:48	
Cadmium	<0.00204	5.00	5.09	102	5.03	101	75-125	1	20	mg/L	06.10.13 20:48	
Chromium	<0.0177	5.00	5.12	102	5.13	103	75-125	0	20	mg/L	06.10.13 20:48	
Lead	<0.0460	5.00	5.14	103	5.13	103	75-125	0	20	mg/L	06.10.13 20:48	
Selenium	<0.0270	5.00	5.43	109	5.39	108	75-125	1	20	mg/L	06.10.13 20:48	
Silver	<0.00965	2.50	2.67	107	2.61	104	75-125	2	20	mg/L	06.10.13 20:48	

Analytical Method: Flash Point by EPA 1010

Seq Number: 915906

Parent Sample Id: 464387-001

Matrix: Soil

MD Sample Id: 464387-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Flash Point	>180	>180	0	25	Deg F	06.11.13 11:20	U

Analytical Method: Percent Moisture

Seq Number: 915599

Matrix: Solid

MB Sample Id: 915599-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Percent Moisture	U	%	06.06.13 16:26	

Analytical Method: Percent Moisture

Seq Number: 915599

Parent Sample Id: 464431-001

Matrix: Soil

MD Sample Id: 464431-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	13.3	11.9	11	20	%	06.06.13 16:26	

Analytical Method: Percent Moisture

Seq Number: 915599

Parent Sample Id: 464574-001

Matrix: Soil

MD Sample Id: 464574-001 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Percent Moisture	16.4	17.1	4	20	%	06.06.13 16:26	



Cintas #069
Annual Sludge

Analytical Method: Reactive Sulfide by SW 9030B

Seq Number: 915804

Matrix: Solid

MB Sample Id: 915804-1-BLK

LCS Sample Id: 915804-1-BKS

LCSD Sample Id: 915804-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Sulfide	<6.72	20000	19200	96	18000	90	60-120	6	20	mg/kg	06.10.13 15:47	

Analytical Method: Reactive Sulfide by SW 9030B

Seq Number: 915804

Matrix: Sludge

Parent Sample Id: 464432-002

MD Sample Id: 464432-002 D

Parameter	Parent Result	MD Result	%RPD	RPD Limit	Units	Analysis Date	Flag
Sulfide	<6.72	<6.72	0	20	mg/kg	06.10.13 15:47	U

Analytical Method: TCLP Herbicides by SW8151

Seq Number: 915898

Matrix: Water

Prep Method: SW8151A_EXT

Date Prep: 06.10.13

MB Sample Id: 639396-1-BLK

LCS Sample Id: 639396-1-BKS

LCSD Sample Id: 639396-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
2,4,5-Tp	<0.0570	1.00	0.744	74	0.744	74	15-140	0	25	ug/L	06.11.13 00:50	
2,4-D	<0.145	1.00	0.843	84	0.862	86	10-189	2	25	ug/L	06.11.13 00:50	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2,4-Dichlorophenylacetic Acid	73		100		91		44-131	%	06.11.13 00:50

Analytical Method: TCLP Pesticides by SW8081A

Seq Number: 915930

Matrix: Water

Prep Method: SW3510C

Date Prep: 06.10.13

MB Sample Id: 639382-1-BLK

LCS Sample Id: 639382-1-BKS

LCSD Sample Id: 639382-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Endrin	<0.0113	1.00	1.22	122	1.20	120	14-169	2	25	ug/L	06.11.13 20:27	
Gamma-BHC (Lindane)	<0.00700	1.00	0.943	94	0.928	93	8-157	2	25	ug/L	06.11.13 20:27	
Heptachlor	<0.0128	1.00	1.27	127	1.28	128	10-157	1	25	ug/L	06.11.13 20:27	
Heptachlor Epoxide	<0.00830	1.00	0.906	91	0.905	91	15-155	0	25	ug/L	06.11.13 20:27	
Methoxychlor	<0.0105	1.00	1.10	110	1.11	111	25-161	1	25	ug/L	06.11.13 20:27	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Tetrachloro-m-xylene	38		38		38		18-126	%	06.11.13 20:27
Decachlorobiphenyl	48		54		55		15-136	%	06.11.13 20:27



Cintas #069

Annual Sludge

Analytical Method: TCLP Pesticides by SW8081A

Seq Number: 915930

Parent Sample Id: 464400-001

Matrix: Sludge

MS Sample Id: 464400-001 S

Prep Method: SW3510C

Date Prep: 06.10.13

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
Endrin	<0.0565	5.00	6.35	127	14-169	ug/L	06.11.13 16:28	
Gamma-BHC (Lindane)	<0.0350	5.00	3.99	80	8-157	ug/L	06.11.13 16:28	
Heptachlor	<0.0640	5.00	5.16	103	10-157	ug/L	06.11.13 16:28	
Heptachlor Epoxide	<0.0415	5.00	4.18	84	15-155	ug/L	06.11.13 16:28	
Methoxychlor	<0.0525	5.00	5.32	106	25-161	ug/L	06.11.13 16:28	

Surrogate

	MS %Rec	MS Flag	Limits	Units	Analysis Date
Tetrachloro-m-xylene	32		18-126	%	06.11.13 16:28
Decachlorobiphenyl	39		15-136	%	06.11.13 16:28

Analytical Method: TCLP SVOCs by SW-846 8270C

Seq Number: 915812

MB Sample Id: 639308-1-BLK

Matrix: Water

LCS Sample Id: 639308-1-BKS

Prep Method: SW3510C

Date Prep: 06.07.13

LCSD Sample Id: 639308-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
1,4-Dichlorobenzene	<0.000646	0.0500	0.0491	98	0.0460	92	19-121	7	30	mg/L	06.07.13 18:31	
2,4,5-Trichlorophenol	<0.000547	0.0500	0.0478	96	0.0458	92	35-111	4	30	mg/L	06.07.13 18:31	
2,4,6-Trichlorophenol	<0.000380	0.0500	0.0508	102	0.0469	94	37-144	8	30	mg/L	06.07.13 18:31	
2,4-Dinitrotoluene	<0.000328	0.0500	0.0563	113	0.0540	108	22-135	4	30	mg/L	06.07.13 18:31	
2-methylphenol	<0.000721	0.0500	0.0507	101	0.0487	97	14-176	4	30	mg/L	06.07.13 18:31	
3&4-Methylphenol	<0.000972	0.0500	0.0493	99	0.0464	93	14-176	6	30	mg/L	06.07.13 18:31	
Hexachlorobenzene	<0.000244	0.0500	0.0545	109	0.0531	106	46-133	3	30	mg/L	06.07.13 18:31	
Hexachlorobutadiene	<0.000442	0.0500	0.0497	99	0.0459	92	44-125	8	30	mg/L	06.07.13 18:31	
Hexachloroethane	<0.000538	0.0500	0.0485	97	0.0446	89	25-153	8	30	mg/L	06.07.13 18:31	
Nitrobenzene	<0.000523	0.0500	0.0483	97	0.0469	94	56-135	3	30	mg/L	06.07.13 18:31	
Pentachlorophenol	<0.000558	0.0500	0.0444	89	0.0394	79	17-117	12	40	mg/L	06.07.13 18:31	
Pyridine	<0.00155	0.0500	0.0497	99	0.0416	83	16-86	18	40	mg/L	06.07.13 18:31	

Surrogate

	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
2-Fluorophenol	73		70		61		30-100	%	06.07.13 18:31
Phenol-d6	51		50		44		15-94	%	06.07.13 18:31
Nitrobenzene-d5	103		96		92		46-111	%	06.07.13 18:31
2-Fluorobiphenyl	99		96		91		44-117	%	06.07.13 18:31
2,4,6-Tribromophenol	104		106		93		48-117	%	06.07.13 18:31
Terphenyl-D14	113		110		109		46-126	%	06.07.13 18:31



Cintas #069
Annual Sludge

Analytical Method: TCLP SVOCs by SW-846 8270C

Seq Number: 915812

Parent Sample Id: 464400-001

Matrix: Sludge

MS Sample Id: 464400-001 S

Prep Method: SW3510C

Date Prep: 06.07.13

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	Limits	Units	Analysis Date	Flag
1,4-Dichlorobenzene	<0.00323	0.250	0.248	99	19-121	mg/L	06.08.13 00:40	
2,4,5-Trichlorophenol	<0.00274	0.250	0.260	104	35-111	mg/L	06.08.13 00:40	
2,4,6-Trichlorophenol	<0.00190	0.250	0.263	105	37-144	mg/L	06.08.13 00:40	
2,4-Dinitrotoluene	<0.00164	0.250	0.282	113	22-135	mg/L	06.08.13 00:40	
2-methylphenol	<0.00361	0.250	0.269	108	14-176	mg/L	06.08.13 00:40	
3&4-Methylphenol	<0.00486	0.250	0.271	108	14-176	mg/L	06.08.13 00:40	
Hexachlorobenzene	<0.00122	0.250	0.270	108	46-133	mg/L	06.08.13 00:40	
Hexachlorobutadiene	<0.00221	0.250	0.258	103	44-125	mg/L	06.08.13 00:40	
Hexachloroethane	<0.00269	0.250	0.246	98	25-153	mg/L	06.08.13 00:40	
Nitrobenzene	<0.00262	0.250	0.249	100	56-135	mg/L	06.08.13 00:40	
Pentachlorophenol	<0.00279	0.250	0.237	95	17-117	mg/L	06.08.13 00:40	
Pyridine	<0.00774	0.250	0.180	72	16-86	mg/L	06.08.13 00:40	

Surrogate	MS %Rec	MS Flag	Limits	Units	Analysis Date
2-Fluorophenol	84		30-100	%	06.08.13 00:40
Phenol-d6	74		15-94	%	06.08.13 00:40
Nitrobenzene-d5	97		46-111	%	06.08.13 00:40
2-Fluorobiphenyl	96		44-117	%	06.08.13 00:40
2,4,6-Tribromophenol	103		48-117	%	06.08.13 00:40
Terphenyl-D14	111		46-126	%	06.08.13 00:40

Analytical Method: TCLP VOAs by EPA 8260B

Seq Number: 916056

MB Sample Id: 639581-1-BLK

Matrix: Water

LCS Sample Id: 639581-1-BKS

Prep Method: SW5030B

Date Prep: 06.12.13

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Benzene	<0.000485	0.250	0.253	101	68-123	mg/L	06.12.13 11:06	
Methyl ethyl ketone	<0.00682	3.00	1.62	54	49-135	mg/L	06.12.13 11:06	
Carbon Tetrachloride	<0.000700	0.250	0.281	112	68-135	mg/L	06.12.13 11:06	
Chlorobenzene	<0.000458	0.250	0.273	109	78-124	mg/L	06.12.13 11:06	
Chloroform	<0.00103	0.250	0.268	107	71-119	mg/L	06.12.13 11:06	
1,4-Dichlorobenzene	<0.000610	0.250	0.264	106	80-119	mg/L	06.12.13 11:06	
1,2-Dichloroethane	<0.000449	0.250	0.267	107	64-130	mg/L	06.12.13 11:06	
1,1-Dichloroethene	<0.000557	0.250	0.247	99	68-116	mg/L	06.12.13 11:06	
Tetrachloroethylene	<0.000980	0.250	0.277	111	79-122	mg/L	06.12.13 11:06	
Trichloroethylene	<0.000650	0.250	0.258	103	74-123	mg/L	06.12.13 11:06	
Vinyl Chloride	<0.000511	0.250	0.261	104	59-124	mg/L	06.12.13 11:06	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
Dibromofluoromethane	101		102		75-131	%	06.12.13 11:06
1,2-Dichloroethane-D4	99		96		63-144	%	06.12.13 11:06
Toluene-D8	98		97		80-117	%	06.12.13 11:06
4-Bromofluorobenzene	103		96		74-124	%	06.12.13 11:06



QC Summary 464432



Cintas #069

Annual Sludge

Analytical Method: TCLP VOAs by EPA 8260B

Seq Number: 916161

MB Sample Id: 639650-1-BLK

Matrix: Water

LCS Sample Id: 639650-1-BKS

Prep Method: SW5030B

Date Prep: 06.13.13

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Benzene	<0.000485	0.250	0.252	101	68-123	mg/L	06.13.13 11:29	
Methyl ethyl ketone	<0.00682	3.00	1.88	63	49-135	mg/L	06.13.13 11:29	
Carbon Tetrachloride	<0.000700	0.250	0.291	116	68-135	mg/L	06.13.13 11:29	
Chlorobenzene	<0.000458	0.250	0.249	100	78-124	mg/L	06.13.13 11:29	
Chloroform	<0.00103	0.250	0.270	108	71-119	mg/L	06.13.13 11:29	
1,4-Dichlorobenzene	<0.000610	0.250	0.246	98	80-119	mg/L	06.13.13 11:29	
1,2-Dichloroethane	<0.000449	0.250	0.269	108	64-130	mg/L	06.13.13 11:29	
1,1-Dichloroethene	<0.000557	0.250	0.251	100	68-116	mg/L	06.13.13 11:29	
Tetrachloroethylene	<0.000980	0.250	0.243	97	79-122	mg/L	06.13.13 11:29	
Trichloroethylene	<0.000650	0.250	0.258	103	74-123	mg/L	06.13.13 11:29	
Vinyl Chloride	<0.000511	0.250	0.261	104	59-124	mg/L	06.13.13 11:29	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
Dibromofluoromethane	114		110		75-131	%	06.13.13 11:29
1,2-Dichloroethane-D4	103		98		63-144	%	06.13.13 11:29
Toluene-D8	97		102		80-117	%	06.13.13 11:29
4-Bromofluorobenzene	93		102		74-124	%	06.13.13 11:29

Analytical Method: TCLP VOAs by EPA 8260B

Seq Number: 916056

Parent Sample Id: 464687-001

Matrix: Solid

MS Sample Id: 464687-001 S

Prep Method: SW5030B

Date Prep: 06.12.13

MSD Sample Id: 464687-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000485	0.250	0.240	96	0.242	97	66-142	1	25	mg/L	06.12.13 16:26	
Methyl ethyl ketone	<0.00682	3.00	1.96	65	1.88	63	60-140	4	25	mg/L	06.12.13 16:26	
Carbon Tetrachloride	<0.000700	0.250	0.262	105	0.266	106	62-125	2	25	mg/L	06.12.13 16:26	
Chlorobenzene	<0.000458	0.250	0.260	104	0.260	104	60-133	0	25	mg/L	06.12.13 16:26	
Chloroform	0.00140	0.250	0.272	108	0.261	104	70-130	4	25	mg/L	06.12.13 16:26	
1,4-Dichlorobenzene	<0.000610	0.250	0.256	102	0.250	100	75-125	2	25	mg/L	06.12.13 16:26	
1,2-Dichloroethane	<0.000449	0.250	0.267	107	0.263	105	68-127	2	25	mg/L	06.12.13 16:26	
1,1-Dichloroethene	<0.000557	0.250	0.241	96	0.239	96	59-172	1	25	mg/L	06.12.13 16:26	
Tetrachloroethylene	<0.000980	0.250	0.255	102	0.253	101	71-125	1	25	mg/L	06.12.13 16:26	
Trichloroethylene	<0.000650	0.250	0.250	100	0.247	99	62-137	1	25	mg/L	06.12.13 16:26	
Vinyl Chloride	<0.000511	0.250	0.239	96	0.250	100	60-140	4	25	mg/L	06.12.13 16:26	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	106		103		75-131	%	06.12.13 16:26
1,2-Dichloroethane-D4	102		100		63-144	%	06.12.13 16:26
Toluene-D8	99		100		80-117	%	06.12.13 16:26
4-Bromofluorobenzene	96		99		74-124	%	06.12.13 16:26



Cintas #069

Annual Sludge

Analytical Method: TCLP VOAs by EPA 8260B

Seq Number: 916161

Parent Sample Id: 464687-006

Matrix: Solid

MS Sample Id: 464687-006 S

Prep Method: SW5030B

Date Prep: 06.13.13

MSD Sample Id: 464687-006 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.000485	0.250	0.252	101	0.246	98	66-142	2	25	mg/L	06.13.13 16:04	
Methyl ethyl ketone	<0.00682	3.00	2.37	79	2.19	73	60-140	8	25	mg/L	06.13.13 16:04	
Carbon Tetrachloride	<0.000700	0.250	0.292	117	0.280	112	62-125	4	25	mg/L	06.13.13 16:04	
Chlorobenzene	<0.000458	0.250	0.250	100	0.262	105	60-133	5	25	mg/L	06.13.13 16:04	
Chloroform	<0.00103	0.250	0.279	112	0.271	108	70-130	3	25	mg/L	06.13.13 16:04	
1,4-Dichlorobenzene	<0.000610	0.250	0.254	102	0.267	107	75-125	5	25	mg/L	06.13.13 16:04	
1,2-Dichloroethane	<0.000449	0.250	0.268	107	0.264	106	68-127	2	25	mg/L	06.13.13 16:04	
1,1-Dichloroethene	<0.000557	0.250	0.259	104	0.248	99	59-172	4	25	mg/L	06.13.13 16:04	
Tetrachloroethylene	<0.000980	0.250	0.246	98	0.251	100	71-125	2	25	mg/L	06.13.13 16:04	
Trichloroethylene	<0.000650	0.250	0.263	105	0.249	100	62-137	5	25	mg/L	06.13.13 16:04	
Vinyl Chloride	<0.000511	0.250	0.252	101	0.234	94	60-140	7	25	mg/L	06.13.13 16:04	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Dibromofluoromethane	108		106		75-131	%	06.13.13 16:04
1,2-Dichloroethane-D4	98		96		63-144	%	06.13.13 16:04
Toluene-D8	102		100		80-117	%	06.13.13 16:04
4-Bromofluorobenzene	99		101		74-124	%	06.13.13 16:04

XENCO Laboratories										CHAIN OF CUSTODY RECORD										Page of		* Container Type Codes																																															
Atlanta: 8017 Financial Dr, Norcross, GA 30071 770-448-8800 Boca Raton: 3231 NW 7th Ave, Boca Raton, FL 33431 561-447-7373 Miami: 14100 Palmetto Frontage Rd, Miami Lakes, FL 33016 305-823-8800 Orlando: 5448 Hoffner Ave Ste 408 Orlando, FL 32812 408-428-8022 Tampa: 2505 North Falkenburg Rd, Tampa, FL 33619 813-620-2900										Lab W.O. 464432 Field Billable Hrs:										Size(s): 2oz, 4oz, 8oz, 16oz, 32oz, 1Gal 40ml, 125 ml, 250 ml, 500 ml, 1L, Other Example: 4oz/BC = 4oz Glass Clear 4oz/VP = 4oz Vial Pre-preserved		VA Vial Amber TS Tensile Sampler VC Vial Clear TS Tensile Sampler VP Vial Pre-preserved AC Air Canister GA Glass Amber TS Tensile Bag GC Glass Clear TS Zip Lock Bag PA Plastic Amber PC Plastic Clear Other:																																															
Company: Cintas #069 Address: 9300 MCI DRIVE City: Maitland PARK State: FL Zip: 32782 PM/Attn: Robert Burnett Phone: 727-578-3300 email: BURR@CINTAS.COM Project Name: Annual Sludge										PO # Quote # TAT Work Days = D Need results by: Time: Std (5-100) 8Hrs 1D 2D 3D 4D 5D 7D 10D 14D Other										ANALYSES REQUESTED		** Preservative Type Codes A. None E. HCL I. Ion B. HNO ₃ F. MeOH J. MCAA C. H ₂ SO ₄ G. Na ₂ S ₂ O ₃ K. ZnAc ₂ NaOH D. NaOH H. NaHSO ₄ L. Ascorbic Acid Other:																																															
Circle One Event: Daily Weekly Monthly Quarterly Semi-Annual Annual N/A Sample ID Collect Date Collect Time Matrix Code * 1 ROLL-OFF 6/5/13 1035 SL 6 N 2 2 TRUCK 6/5/13 1050 SL 6 N 2 3 4 5 6 7 8 9 0										Circle One Event: Daily Weekly Monthly Quarterly Semi-Annual Annual N/A Sample ID Collect Date Collect Time Matrix Code * 1 ROLL-OFF 6/5/13 1035 SL 6 N 2 2 TRUCK 6/5/13 1050 SL 6 N 2 3 4 5 6 7 8 9 0										ANALYSES REQUESTED		** Preservative Type Codes A. None E. HCL I. Ion B. HNO ₃ F. MeOH J. MCAA C. H ₂ SO ₄ G. Na ₂ S ₂ O ₃ K. ZnAc ₂ NaOH D. NaOH H. NaHSO ₄ L. Ascorbic Acid Other:																																															
Reg. Program / Clean-up Std CTLs TRRP DW NPDES LPST DryCln Other:										STATE for Certs & Regs FL TX GA NC SC NJ PA OK LA AL IL Other:										QA/QC Level & Certification 1 2 3 4 CLP AFCEE QAPP NELAC DoD-ELAP Other:										EDDs ADAPT SEDD ERPMS XLS Other:										COC & Labels Match Incomplete Absent Unclear										Coolers Temp °C 1. 2. 3.										Lab Use Only YES NO N/A Non-Conformances found? Samples intact upon arrival? Received as Wat Ion? Labeled with proper preservation? Received within holding time? Custody seals intact? VOCs rec'd w/o headspace? Proper containers used? pH verified-acceptable, and VOCs? Received on time to meet HT?									
Relinquished by [Signature] Affiliation XENCO Date 6/5/13 Time 1055 Received by [Signature] Affiliation XENCO Date 6/5/13 Time 1204																																																																					

FTS: Philadelphia 610-955-5649 South Carolina 803-543-8099 B&A Laboratories: Corpus Christi 361-884-0371 Dallas 214-802-0300 Houston 281-240-4200 Odessa 432-563-1800 San Antonio 210-509-3334

Execution of this document by client creates a legal and binding agreement between client and Xenco for analytical and testing services provided by Xenco to client under Xenco's standard terms and conditions unless previously agreed in writing. Terms of payment are Net 30 days, and all past due amounts shall accrue interest at 1.0% per month until paid in full. All laboratory analytical data and reports generated by Xenco remain the exclusive property of Xenco until invoices for such data are paid in full.

Property of XENCO - Revision Date: Nov 12, 2009

 C.O.C. Serial #
 275798



XENCO Laboratories
Prelogin/Nonconformance Report- Sample Log-In



Client: Cintas #069

Date/ Time Received: 06/05/2013 12:04:00 PM

Work Order #: 464432

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR1

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	4
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	N/A
#5 Custody Seals intact on sample bottles?	N/A
#6 *Custody Seals Signed and dated?	N/A
#7 *Chain of Custody present?	Yes
#8 Sample instructions complete on Chain of Custody?	Yes
#9 Any missing/extra samples?	No
#10 Chain of Custody signed when relinquished/ received?	Yes
#11 Chain of Custody agrees with sample label(s)?	Yes
#12 Container label(s) legible and intact?	Yes
#13 Sample matrix/ properties agree with Chain of Custody?	Yes
#14 Samples in proper container/ bottle?	Yes
#15 Samples properly preserved?	N/A
#16 Sample container(s) intact?	Yes
#17 Sufficient sample amount for indicated test(s)?	Yes
#18 All samples received within hold time?	Yes
#19 Subcontract of sample(s)?	No
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	N/A
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	N/A
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	N/A

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:	PH Device/Lot#:
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Checklist completed by: Michelle Williams
Michelle B. Williams

Date: 06/05/2013

Checklist reviewed by: Michelle Williams
Michelle B. Williams

Date: 06/05/2013