

**Camp, Shannon D.**

---

**From:** Jon Sandora [JSandora@cliffberryinc.com]  
**Sent:** Friday, January 07, 2011 2:38 PM  
**To:** Camp, Shannon D.  
**Subject:** RE: analyticals  
**Attachments:** vac box 060001.pdf; vac box 080001.pdf

Sorry...I thought I already sent it

---

**From:** Camp, Shannon D. [<mailto:Shannon.D.Camp@dep.state.fl.us>]  
**Sent:** Friday, January 07, 2011 2:33 PM  
**To:** Jon Sandora  
**Subject:** analyticals

Jon:

Have you mailed out the analytical yet?

**Shannon Camp**  
**Department of Environmental Protection**  
**Environmental Specialist II**  
**Hazardous Waste Section**  
**(813) 632-7600 x 473**

*The Department of Environmental Protection values your feedback as a customer. DEP Secretary Mimi Drew is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.*

**PES**

Protech Environmental Services, Inc.

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THE HERTZMAN GROUP

**CERTIFICATE OF ANALYSIS**

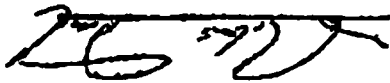
Client: **CHR Berry, Inc.**  
P.O. Box 13079  
R. Landford, FL 33316

Attention:	Dual Portland
Phone Number:	954-782-3390
Fax Number:	954-782-4375
Project Name:	CBI Tampa Vse Box
Project Number:	25822 P.O. TAM-1619
Sampled by:	Brandon G. Dove / CBI
Date Sampled:	09/14/06
Date Reported:	09/15/06
Lab Report #:	061606-010

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 NELAP standards.

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Note: Sample results reported as the Tested Quantities Limit



Approved by: Robert Trank  
Robert Trank, Laboratory Director  
If you have any questions, one of the above names should be contacted  
M 843-682-5897 B00 A.M. - 5:00 PM M-F



**PES**

Florida Environmental Systems, Inc.

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THE NEW 1-800-888-8888

**CERTIFICATE OF ANALYSIS**  
**1311/60100 TCFP 2/1/05**

Sample ID: 061506-31  
 Sample Description/Matrix: CBI Vac Box  
 Sample Date: 06/16/05  
 Date Received: 06/16/05  
 Preparation Date/Method: 06/19/05  
 Analysis Date/Method: 06/20/05  
 Batch No. 337  
 Division: IX

Analysis	Concentration	Units	Remarks
Asphaltic	0.10U	mg/L	under limit
Barium (Ba)	0.23	mg/L	under limit
Chromium (Cr)	0.10U	mg/L	under limit
Cadmium (Cd)	0.10U	mg/L	under limit
Lead (Pb)	0.10U	mg/L	under limit
Manganese (Mn)	0.01U	mg/L	under limit
Selenium (Se)	0.10U	mg/L	under limit
Silver (Ag)	0.10U	mg/L	under limit

Reg. Limits Units  
 5.0 mg/L  
 100 mg/L  
 1.0 mg/L  
 5.0 mg/L  
 5.0 mg/L  
 5.0 mg/L  
 0.2 mg/L  
 1.0 mg/L  
 5.0 mg/L



**PFS**  
 Florida Environmental Services, Inc.  
 836 West Jackson Road • Lakeland, FL 33803 • (813) 612-6377 • Fax: (813) 612-6377  
 TEL: 813-612-6377

**CERTIFICATE OF ANALYSIS**  
 TCEP Values

Sample ID: 061606-21  
 Sample Description: CBI Vnc Box  
 Sample Date: 06/16/06  
 Date Received: 06/16/06  
 Preparation Date / Method: 06/20/06  
 Analyze Date / Method: 06/21/06  
 Batch No: 062006  
 Dilution: 100x

Analyte	Conc. (µg/g)	Result	Units	RL (µg/L)	MCLL (µg/L)	Reg. Limits
Asbestos	71-43-2	0.1 U	µg/L	0.1	0.0008	0.5
Carbon Tetrachloride	56-23-5	0.1 U	µg/L	0.1	0.0007	0.5
Chlorobenzene	108-90-7	0.1 U	µg/L	0.1	0.0005	100
Chloroform	67-66-3	0.1 U	µg/L	0.1	0.0004	6
1,1-Dichloroethane	75-35-4	0.1 U	µg/L	0.1	0.0007	0.7
1,2-Dichloroethane	107-06-2	0.1 U	µg/L	0.1	0.0006	0.5
1,4-Dichlorobenzene	106-46-7	0.1 U	µg/L	0.1	0.0005	7.5
Methyl Ethyl Ketone	78-93-3	10.0 U	µg/L	10.0	0.1	200
Triethylamine	127-18-4	0.1 U	µg/L	0.1	0.0005	0.7
Tetrahydrofuran	79-01-6	0.1 U	µg/L	0.1	0.0005	0.5
Vinyl Chloride	75-01-4	0.1 U	µg/L	0.1	0.0008	0.2

Sample ID: 061606-21  
 Sample Description: CBI Vnc Box  
 Sample Date: 06/16/06  
 Date Received: 06/16/06  
 Preparation Date / Method: 06/20/06  
 Analyze Date / Method: 06/21/06  
 Batch No: 062006  
 Dilution: 100x

RL - Report by Test  
 U - Sample matrix path examined (Ready Analyzed)  
 N - Sample/Component not detected in the test range  
 \* Analyte not on the CWA ground list (not listed)

Analysis MS/DF







DATA QUALITY CODES

SYMBOL MEANING

- A Value reported in the electronic 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 analyses on the same sample aliquot, extract or digestate.
- M Value based on field kit determination; results may not be accurate. This code shall be used if a field measurement (e.g., field kit) has determined data, immutability, 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. Estimated value. A "Y" 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 "Y" 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 estimated (e.g., matrix related) failed to meet acceptance criteria, the "Y" code may be added to a K, L, M, T, V, or Y. The following are some examples of reasons descriptions that may accompany a "Y" code:
  - No known quality control criteria exist for the compound;
  - 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 procedure (e.g., composite sample was collected instead of a grab sample);
  - The field calibration verification did not meet 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 mass, dilution.
 This code shall not be used to report values that are less than the laboratory practical quantitation limit or laboratory method detection limit. Actual values is known to be greater than values 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 detection.
- M When reporting chemical analyses, precision of method 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 "Y" below.
  1. The compound has been tentatively identified based on mass spectral (FTIR) search or
  2. There is an indication that the analyte is present, but quality control requirements for confirmation were not met (e.g., presence of sample was not confirmed by alternative procedure).
 Sampled, but analysis lost or not performed.
- D 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 preservation 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 but not detected. This code shall be used to indicate that the reported compound was not detected. The value is reported with the quality control data for the laboratory method detection limit. Values requested by the client, less than the method detection limit values shall not be reported (see "Y" 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 sample.
  - Y The laboratory analysis was done on improperly preserved sample. The data may not be accurate.
    1. 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.
    2. Not reported due to interference.









Phoslah Environmental Services, Inc.

806 West Beacon Road • Lakeland, FL 33803 • (863) 682-5897 • Fax: (863) 683-3279  
TOLL FREE 1-888-882-5887



**CERTIFICATE OF ANALYSIS**

**Client:** CHH Berry, Inc.  
P.O. Box 13079  
Ft. Lauderdale, FL 33316

**Attention:** Daniel Porshand  
**Phone Number:** 954-763-3390  
**Fax Number:** 954-763-8375  
**Project Name:** CBI Tampa Vac Box  
**Project Number:** 26922 P.O.: TAM-1619  
**Sampled By:** Brandon G. Dow / CBI  
**Date Sampled:** 06/16/06  
**Date Received:** 06/16/06  
**Date Reported:** 06/22/06  
**Lab. Report #:** 061606-010

**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 NELAP standards.

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**Note:** Sample results reported at the Practical Quantitation Limit

**Approved By:** Robert Trsek  
Robert Trsek, Laboratory Director

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



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 TOLL FREE 1-800-882-5887



**CERTIFICATE OF ANALYSIS**  
**1311/6010B TCLP Metals**

Sample ID: 061606-31  
 Sample Description/Matrix: CBI Vac Box Sludge  
 Sample Date: 06/16/06  
 Date Received: 06/16/06  
 Preparation Date/Method: 06/19/06 1311  
 Analysis Date/Method: 06/20/06 6010B  
 Batch No. 337  
 Dilution: 1x

Analytes:	Can No.	Results	Units		Reg. Limits	Units
Arsenic (As)	7440-38-2	0.10U	mg/L	under limit	5.0	mg/L
Barium (Ba)	7440-39-3	0.23	mg/L	under limit	100	mg/L
Cadmium (Cd)	7440-43-9	0.10U	mg/L	under limit	1.0	mg/L
Chromium (Cr)	7440-47-3	0.10U	mg/L	under limit	5.0	mg/L
Lead (Pb)	7439-92-1	0.10U	mg/L	under limit	5.0	mg/L
Mercury (Hg)	7439-97-6	0.01U	mg/L	under limit	0.2	mg/L
Selenium (Se)	7789-49-2	0.10U	mg/L	under limit	1.0	mg/L
Silver (Ag)	7440-22-4	0.10U	mg/L	under limit	5.0	mg/L

U = Element analyzed but not detected to the level shown

Analyst MS/DP/GP



**CERTIFICATE OF ANALYSIS**  
**TCLP Volatiles**

**Sample ID:** 061606-31  
**Sample Description:** C81 Vac Box Sludge  
**Sample Date:** 06/16/06  
**Date Received:** 06/16/06  
**Preparation Date / Method:** 06/20/06 1311  
**Analysis Date / Method:** 06/21/06 8021B  
**Batch No.:** 062006  
**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	0.3 *	mg/L	0.1	0.0004	under limit 6
1,1-Dichloroethane	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
o,p,p'-Trifluorotoluene	103	70-130
4-Bromochlorobenzene	J	70-130
4-Bromofluorobenzene	106	70-130

RI = Reporting limit  
 J = Surrogate recovery limit exceeded (matrix interference)  
 U = Element/Compound analyzed but not detected to the level shown  
 \* Analyte not part of this HPA method (not accredited)

Analyst MS/DP



## DATA QUALIFIER CODES

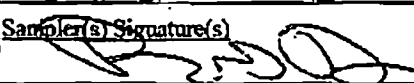
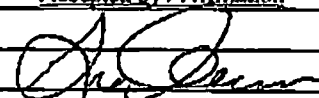
### SYMBOL MEANING

- 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 reported due to interference.

**PES** Phoslab Environmental Services, Inc  
 806 West Beacon Road  
 Lakeland, Florida 33803-2847  
 Phone: 863-682-5897 Fax: 863-683-3279

FDEP CompQAP No: 870308G  
 FDOH ID#: E84925

Chain of Custody Record # 061606 010

Company: <u>Cliff Berry, Inc</u>		Project Name: <u>CBI Tampa Val Box PO# 15M-1619</u>		Page 1 of 1						
Address: <u>P.O. Box 13079</u>		Project #: <u>26922</u>		Ref: DEP Form #: 62-770.900(2)						
City: <u>Forest Lakes, FL</u> Zip: <u>33314</u>		Project Manager: <u>Daniel Fernandez</u>		Form Title: Chain of Custody Record						
Phone: <u>954 763 3390</u> Fax: <u>954 763 3335</u>		Project Location: <u>Tampa, FL</u>		Effective Date: <u>8/2004</u>						
Sampled by [Print Name(s)] / Affiliation: <u>Brandon S. Dow / CBI</u>		Evidence Sample(s): YES: <input type="checkbox"/> NO: <input checked="" type="checkbox"/>		FDEP Facility No.:						
Sampler(s) Signature(s): 		Preservatives (see codes):		Project Name:						
		Analyses Requested:		Sampling CompQAP No.:						
				Approval Date:						
				REQUESTED DUE DATE						
				1 / 1						
Item No.	Field ID No.	Sampled Date	Sampled Time	Grab or Composite	Matrix (sec codes)	Number of Containers	TEMP 8021	TEMP 8021	Remarks	Lab. No.
	<u>CBI Val Box</u>	<u>6/16/06</u>	<u>1100</u>	<u>Composite</u>	<u>O-SURFACE</u>	<u>1</u>	<u>X</u>	<u>X</u>	<u>061606-31</u>	
Shipment Method		Total Number of Containers								
Out: / /	Via:	Item No.	Relinquished by / Affiliation		Date	Time	Accepted by / Affiliation		Date	Time
Returned: / /	Via:		<u>PhosLab, Inc./Containers</u>		<u>6/16/06</u>	<u>115 pm</u>			<u>6/16/06</u>	<u>1:55 PM</u>
Additional Comments: EMAIL: <u>DFOREHAND@CLIFFBERRYINC.COM</u>		Cooler No.(s) / Temperature(s) (°C)		Sampling Kit No.		Equipment ID No.				
		<u>4°C</u>								
MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)										
PRESERVATIVE CODES: H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)										

**PES** Phoslab Environmental Services, Inc.

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**TOLL FREE 1-888-602-5897**  
FDOH ID: E84925



**CERTIFICATE OF ANALYSIS**

**Client:** Cliff Berry, Inc.  
5218 St. Paul St.  
Tampa, FL - 33619

**Attention:** Brandon Dow (bdow@cliffberryinc.com)  
Ed Millius (emillius@cliffberryinc.com)

**Phone Number:** 813-626-6533  
**Fax Number:** 813-626-9012  
**Project Name:** CBI Tampa Vac Box  
**Project Number:** 92613 P.O. # TAM-2692  
**Project Location:** CBI Tamoia, FL  
**Sampled By:** E.M. / CBI  
**Date Sampled:** 04/24/08 14:00  
**Date Received:** 04/25/08 09:30  
**Date Reported:** 05/06/08  
**Lab. Report #:** 042508-004

**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 Method Detection Limit.(MDL)  
Solid samples reported on Dry Weight basis.

**Approved By: David Pomella**  
David Pomella, 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

PES Report: 7  
Data Qualifier: 1  
COC: 1  
Sample Log-In: 1  
Total Pages: 10





**CERTIFICATE OF ANALYSIS**  
1311/6010B TCLP Metals

Sample ID: 042508-04  
 Sample Description/Matrix: # 1 / Sediment  
 Sample Date: 04/24/08 14:00  
 Date Received: 04/25/08 09:30  
 Preparation Date/Method: 04/29/08 1311  
 Analysis Date/Time: 04/29/08 13:42  
 Method: 1311 / 6010B  
 Batch: 042908Met-A  
 Dilution: 10x  
 Initials: MS

Analytes:	Cas No.	Results	Units	MDL	PQL		Reg. Limits	Units
Arsenic (As)	7440-38-2	0.02 U	mg/L	0.02	0.10	<i>under limit</i>	5.0	mg/L
Barium (Ba)	7440-39-3	1.41	mg/L	0.03	0.10	<i>under limit</i>	100	mg/L
Cadmium (Cd)	7440-43-9	0.02 U	mg/L	0.02	0.10	<i>under limit</i>	1.0	mg/L
Chromium (Cr)	7440-47-3	0.03 I	mg/L	0.02	0.10	<i>under limit</i>	5.0	mg/L
Lead (Pb)	7439-92-1	0.03 U	mg/L	0.03	0.10	<i>under limit</i>	5.0	mg/L
Selenium (Se)	7789-49-2	0.05 U	mg/L	0.05	0.10	<i>under limit</i>	1.0	mg/L
Silver (Ag)	7440-22-4	0.03 U	mg/L	0.03	0.10	<i>under limit</i>	5.0	mg/L

Sample ID: 042508-04  
 Sample Description/Matrix: # 1 / Sediment  
 Sample Date: 04/24/08 14:00  
 Date Received: 04/25/08 09:30  
 Preparation Date/Method: 04/29/08  
 Analysis Date/Time: 04/30/08 12:20  
 Method: 1311 / 7470A  
 Batch: 319  
 Dilution: 1x  
 Initials: MS

Analytes:	Cas No.	Results	Units	MDL	PQL		Reg. Limits	Units
Mercury (Hg)	7439-97-6	0.00032 U	mg/L	0.00032	0.001	<i>under limit</i>	0.2	mg/L



**CERTIFICATE OF ANALYSIS**  
**TCLP Volatiles**

**Sample ID:** 042508-04  
**Sample Description:** # 1 / Sediment  
**Sample Date:** 04/24/08 14:00  
**Date Received:** 04/25/08 09:30  
**Preparation Date / Method:** 04/29/08 1311  
**Analysis Date / Time:** 04/29/08 10:32  
**Method:** 1311 / 8021B  
**Batch:** 042808  
**Dilution:** 200x  
**Initials:** MS

Analytes:	Cas No.	Results	Units	RL mg/L	MDL mg/L	Reg. Limits
Benzene	71-43-2	0.45	mg/L	0.2	0.001	<i>under limit</i> 0.5
Carbon Tetrachloride	56-23-5	0.2 U	mg/L	0.2	0.001	<i>under limit</i> 0.5
Chlorobenzene	108-90-7	0.2 U	mg/L	0.2	0.001	<i>under limit</i> 100
Chloroform	67-66-3	0.2 U	mg/L	0.2	0.001	<i>under limit</i> 6
1,1-Dichloroethene	75-35-4	0.2 U	mg/L	0.2	0.001	<i>under limit</i> 0.7
1,2-Dichloroethane	107-06-2	0.2 U	mg/L	0.2	0.001	<i>under limit</i> 0.5
1,4-Dichlorobenzene	106-46-7	0.2 U	mg/L	0.2	0.001	<i>under limit</i> 7.5
Methyl Ethyl Ketone	78-93-3	2.0 U	mg/L	2.0	0.01	<i>under limit</i> 200
Tetrachloroethene	127-18-4	0.2 U	mg/L	0.2	0.001	<i>under limit</i> 0.7
Trichloroethene	79-01-6	0.2 U	mg/L	0.2	0.001	<i>under limit</i> 0.5
Vinyl Chloride	75-01-4	0.2 U	mg/L	0.2	0.001	<i>under limit</i> 0.2

Surrogate(s)	% Recovery	Limits
a,a,a-Trifluorotoluene	87	85-115
4-Bromochlorobenzene	119 J	85-115
4-Bromfluorobenzene	111	85-115

J = Surrogate recovery exceeded

**PES** Phoslab Environmental Services, Inc.

806 West Beacon Road • Lakeland, FL 33803 • (863) 682-5897 • Fax: (863) 683-3279  
**TOLL FREE 1-800-882-5887**  
FDOH ID: E84925



**CERTIFICATE OF ANALYSIS**  
**TOTAL HALIDES by 9253**

**Sample Date:** 4/24/2008 14:00  
**Analyte:** Total Halides  
**Sample Description/Matrix:** # 1 / Sediment  
**Preparation Date/Method:** 05/06/08 5050 - Bomb prep  
**Analysis Date/Time:** 05/06/08 08:55  
**Method:** 9253  
**Batch No.** 172 Tox  
**Dilution:** 1x  
**Initials:**

Sample ID	Lab ID	Results	Units	MDL	PQL
# 1	042508-04	284 I	mg/Kg	230	465



**QUALITY CONTROL DATA  
 EPA 6010B**

**SPIKE DATA (EPA6010B)**

**Analysis Date/Time:** 04/29/08 12:13  
**Batch:** 042908Met-A  
**Initials:** MS

Parameter	Spike @ mg/L	Spike mg/L	Spike dup mg/L	RPD	Spike % Recov	Spike Dup % Recov	Limits	Flag
Arsenic (As)	0.200	0.199	0.200	1	100	100	80-120	
Barium (Ba)	0.200	0.228	0.225	1	114	113	80-120	
Cadmium (Cd)	0.200	0.219	0.219	0	110	110	80-120	
Chromium (Cr)	0.200	0.210	0.211	0	105	106	80-120	
Lead (Pb)	0.200	0.210	0.205	2	105	103	80-120	
Selenium (Se)	0.200	0.205	0.210	2	103	105	80-120	
Silver (Ag)	0.200	0.207	0.206	0	104	103	80-120	

**SPIKE DATA (EPA 7470A)**

**Analysis Date/Time:** 04/30/08 12:20  
**Batch:** 419  
**Initials:** MS

Analyte:		Spike @ mg/L	Spike mg/L Recov		Spike % Recov	Limits	Flag
Mercury (Hg)	LCS	0.0010	0.0011		108	90-110	
Mercury (Hg)	MS	0.0025	0.0026		104	85-115	
Mercury (Hg)	MSD	0.0025	0.0027		106	85-115	

**LAB BLANK**

**Analysis Date/Time:** 04/29/08 12:13  
**Batch:** 042908Met-A  
**Initials:** MS

Analytes:	Results	Units
Arsenic (As)	0.002 U	mg/L
Barium (Ba)	0.003 U	mg/L
Cadmium (Cd)	0.002 U	mg/L
Chromium (Cr)	0.002 U	mg/L
Lead (Pb)	0.003 U	mg/L
Mercury (Hg)	0.00032 U	mg/L
Selenium (Se)	0.005 U	mg/L
Silver (Ag)	0.003 U	mg/L

MS = Matrix Spike  
 MSD = Matrix Spike Duplicate  
 LCS = Laboratory Control Standard



**QUALITY CONTROL DATA  
 EPA 8021B**

**SPIKE DATA (EPA8021B)**

**Analysis Date/ Time:** 04/28/08 16:55  
**Batch:** 042808  
**Initials:** MS

Parameter	CCV	QA/QC LIMITS	MS	MSD	RPD	LIMIT	Flag
Benzene	98	85-115	98	95	3	<30	
Carbon Tetrachloride	114	85-115	115	112	3	<30	
Chlorobenzene	131	85-115	147	136	8	<30	J
Chloroform	103	85-115	94	92	2	<30	
1,1-Dichloroethene	64	85-115	73	67	9	<30	J
1,2-Dichloroethane	115	85-115	113	113	0	<30	
1,4-Dichlorobenzene	138	85-115	134	126	6	<30	J
Methyl Ethyl Ketone	82	85-115	70	68	3	<30	J
Tetrachloroethene	102	85-115	98	99	1	<30	
Trichloroethene	88	85-115	88	86	2	<30	
Vinyl Chloride	89	80-120	123	120	2	<30	J

**LAB BLANK**

**Analysis Date/ Time:** 04/28/08 16:55  
**Batch:** 042808  
**Initials:** MS

Analytes:	Results	Units
Benzene	0.001 U	mg/L
Carbon Tetrachloride	0.001 U	mg/L
Chlorobenzene	0.001 U	mg/L
Chloroform	0.001 U	mg/L
1,1-Dichloroethene	0.001 U	mg/L
1,2-Dichloroethane	0.001 U	mg/L
1,4-Dichlorobenzene	0.001 U	mg/L
Methyl Ethyl Ketone	0.01 U	mg/L
Tetrachloroethene	0.001 U	mg/L
Trichloroethene	0.001 U	mg/L
Vinyl Chloride	0.001 U	mg/L

Surrogate(s)	% Recovery	Limits
a,a,a-Trifluorotoluene	92	85-115
4-Bromochlorobenzene	108	85-115
4-Bromofluorobenzene	100	85-115

J = recovery limits exceeded  
 MS = Matrix Spike  
 MSD = Matrix Spike Duplicate  
 U = Compound analyzed but not detected to the level shown

**PES** Phoslab Environmental Services, Inc.

806 West Beacon Road • Lakeland, FL 33803 • (863) 682-5897 • Fax: (863) 683-3279  
**TOLL FREE 1-888-882-8897**  
FDOH ID: E84925



**QUALITY CONTROL DATA  
TOTAL HALIDES**

**SPIKE DATA**

**Analysis Date/Time:** 05/06/08 08:55  
**Batch No.** 172 Tox  
**Initials:** MS

Analyte		Spike @	% Recovery	Units	Method	Limits	Flag
Total Halides	MS	606	100	%	EPA 9253	85-115	
Total Halides	MSD	606	106	%	EPA 9253	85-115	

**LAB BLANK**

**Analysis Date/Time:** 05/06/08 08:55  
**Batch No.** 172 Tox  
**Initials:** MS

Analytes:	Results	Units
Total Halides	230 U	mg/Kg

LCS = Laboratory Control Standard

MS = Matrix Spike

U = Compound analyzed but not detected to the level shown

## DATA QUALIFIER CODES

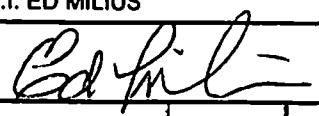
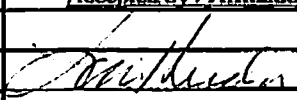
### SYMBOL MEANING

- 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.

**CEB ENVIRONMENTAL SERVICES, INC**  
 806 West Beacon Road  
 Lakeland, Florida 33803-2847  
 Phone: 863-682-5897 Fax: 863-683-3279

FDEP COMPQAP NO: 0103000  
 FDOH ID#: E84925

### Chain of Custody Record #042508-004

<b>Company:</b> CLIFF BERRY INC.				<b>Project Name:</b> C.B.I. Tampa Vac Box		<b>PO#</b> TAM-2692		Page 1 of 1																																															
<b>Address:</b> 5218 ST. PAUL ST. TAMPA, FL Zip: 33619				<b>Project #:</b> 92613		<b>Project Manager:</b> Brandon Dow		Ref: DEP Form #: 62-770.900(2)																																															
<b>Phone:</b> 813-626-6533 Fax: 813-626-9012				<b>Project Location:</b> C.B.I. Tampa		<b>Evidence Sample(s):</b> YES: NO: X		Form Title: Chain of Custody Record																																															
<b>Sampled by [Print Name(s)] / Affiliation</b> C.B.I. ED MILIUS						<b>Preservatives (see codes)</b>																																																	
<b>Sampler(s) Signature(s)</b> 						<b>Analyses Requested</b>																																																	
						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">TCIP 8021</td> <td style="width: 5%;">TCIP 6 METALS</td> <td style="width: 5%;">TOX</td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> </tr> </table>						TCIP 8021	TCIP 6 METALS	TOX																																									
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042508-04																																																							
<b>Item No.</b>		<b>Field ID No.</b>		<b>Sampled</b>		<b>Grab or Composite</b>	<b>Matrix (see codes)</b>	<b>Number of Containers</b>	TCIP 8021	TCIP 6 METALS	TOX																																												
		#1		4/24 14:00		Grad	SE	1	X	X	X																																												
<b>Shipment Method</b>																		← Total Number of Containers																																					
<b>Out:</b> / /		<b>Via:</b>		<b>Item No.</b>	<b>Relinquished by / Affiliation</b>				<b>Date</b>	<b>Time</b>	<b>Accepted by / Affiliation</b>				<b>Date</b>	<b>Time</b>																																							
<b>Returned:</b> / /		<b>Via:</b>			/PhosLab, Inc./Containers				4/25/08	9:30					4/25/08	9:30																																							
<b>Additional Comments:</b>																																																							
<b>Cooler No.(s) / Temperature(s) ( ° C)</b>									<b>Sampling Kit No.</b>			<b>Equipment ID No.</b>																																											
<b>MATRIX CODES:</b> A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)																																																							
<b>PRESERVATIVE CODES:</b> H = Hydrochloric acid + ice I = Ice only N = Nitric acid + ice S = Sulfuric acid + ice O = Other (specify)																																																							





PHOSLAB ENVIRONMENTAL  
 SERVICES INC.  
 806 WEST BEACON ROAD  
 LAKELAND, FL 33803

# Invoice

Date	Invoice #
5/7/2008	26226

**Bill To**  
 Cliff Berry, Incorporated - CBI  
 P.O.Box 13079  
 Ft. Lauderdale, FL 33316

**Project Name/Location/COC #**  
 CBI Tampa Vac. Box  
 Attn: Brandon Dow  
 COC: 042508-004

P.O. No.	Terms	Due Date	Account #	Project #
TAM-2692	Net 30	6/6/2008		92613

Item	Quantity	Description	Rate	Amount
Soil	1	TCLP 8 Metals	160.00	160.00
Soil	1	TCLP Volatiles	120.00	120.00
Soil	1	TOX	32.00	32.00

Thank you for your business.

**Total**

\$312.00

**Phone #**  
 (863)682-5897

