UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

June 30, 2017

SENT VIA EMAIL AS ATTACHMENT
ORIGINAL TO FOLLOW VIA USPS

Ethan R.Ware, Esq.
Williams Mullen
Suite 1250
1441 Main Street
Columbia, SC 29201

Re: The Burlington Industries Cheraw Superfund Site, Cheraw, Chesterfield County, South Carolina

Dear Mr. Ware:

The purpose of this letter is to respond to Highland Industries, Inc.'s (Highland's) settlement proposal dated March 31, 2017 regarding the performance of removal work at the Burlington Industries, Inc. Cheraw Superfund Site located in Cheraw, South Carolina, (the Site) under an Administrative Settlement Agreement and Order on Consent (AOC), and to highlight the key issues discussed during our brief meeting at the U.S Environmental Protection Agency's Region 4 office on June 20, 2017. The EPA appreciates your willingness to find the time to meet with us while here in Atlanta on other business.

The EPA is encouraged by Highland's initial offer to perform portions of the removal action and to contribute a significant amount of money relating to response activities on other portions of the Site. However, after careful consideration of the current information and defenses presented by Highland in correspondence and discussions, at this time the EPA considers Highland a potentially responsible party (PRP) for the Site. Therefore, the EPA cannot accept Highland's proposal that includes a release of liability for significant portions of the Site in exchange for payment of a sum certain. The EPA is also unable to accept Highland's proposal for a mixed-funding approach and cash-out settlement relating to the response work on the portions of the Site that extend beyond Highland's property boundaries.

With respect to Highland's request that the EPA include other PRPs in the AOC negotiations, the EPA is not prepared to do so based on the current stage of its PRP search activities. As you know, the EPA has issued a General Notice Letter only to Highland, as its liability at the Site is clear as a current owner of the Site. The EPA will diligently continue its PRP search while the removal work is being conducted at the Site, but the EPA is currently only offering Highland the opportunity to perform the removal activities under an AOC.

The EPA remains highly interested in negotiating a removal AOC that allows Highland to perform all of the removal activities necessary at the Site apart from the limited removal activities that the EPA is currently conducting on certain residential properties. The EPA believes that this approach is the most cost-effective and efficient in terms of performance of the necessary removal activities, and it is the EPA's preferred approach. However, given the need to continue highest priority time-critical removal activities, the EPA is willing to discuss the possibility of a staged AOC approach. Under this option, the EPA and Highland could first enter into extremely expedited negotiations for an AOC for removal activities relating to the portions of the Site owned by Highland and surface water pathways adjacent to and downstream of the Highland property (i.e., the Western Ditch starting at Highland's property and continuing 1,000 feet) in order to address upstream source areas that may be a continuing source of contamination for other portions of the Site. Under this staged approach, the EPA would expect that the initial AOC would be finalized by the first week in August. The parties could then enter negotiations for the removal work on the remainder of the Site while work is underway under the initial AOC.

Please let me or Teresa Mann, who will be joining me in this case as co-counsel, know by close of business on Friday, July 7, 2017, if Highland is willing to move forward with negotiations for the Site-wide removal activities, or if Highland would prefer to first negotiate the more limited scope of work under an expedited staged approach as proposed above. During our June 20, 2017 meeting, we discussed as a potential next step Highland redrafting its proposed AOC language. In the interest of time, the EPA will instead begin finalizing a new draft AOC incorporating Highland's proposed language changes to the extent practicable, noting that the removal AOC is based upon a model document. The EPA hopes to provide Highland a new draft AOC on or before July 12, 2017 which will incorporate the appropriate scope of work based on Highland's response to the two options. We propose that we have a conference call on Thursday, July 6, 2017 at 2:00 pm if you are available so that we may discuss any questions you may have about the work and other issues. If this day and time does not work for you, please send me an email proposing an alternate day and/or time. Ms. Mann and I are also available on Wednesday, July 5.

We look forward to hearing from you. If you have any questions, you may reach me at (404) 562-9677 or Teresa Mann at (404) 562-9572.

Sincerely,

Gregory D. Luetscher
Associate Regional Counsel

Cody, Karen

From: Mann, Teresa
Sent: Thursday, August 10, 2017 4:56 PM
To: King, Jessica; Ware, Ethan
Cc: Luetscher, Greg
Subject: Burlington United States as a PRP

Ethan and Jessica-

We have reached out to the Department of Justice (DOJ) and EPA Headquarters to evaluate the ability of the EPA to revise the "Covenants by Respondent" to allow for a contribution claim against the United States as a Potentially Responsible Party (PRP). We have been asked to go back to you and obtain all of the information that you can provide to us to support that the United States may be a PRP at the Site so that the DOJ and EPA Headquarters can evaluate the request to revise the model language. We would really appreciate it if you could send us an email by close of business tomorrow explaining in more detail why you believe that the United States could be a PRP. We plan to speak further with DOJ and Headquarters on Monday with the information that you provide to us. We are also not opposed to setting up a call next week for you to speak with DOJ after we provide DOJ with more information.

Thank you.
Teresa

Teresa Harris Mann
Associate Regional Counsel
United States Environmental Protection Agency
Region 4
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
(404) 562-9572

CONFIDENTIALITY NOTICE: This message is being sent by or on behalf of an attorney. It is intended exclusively for the individual(s) or entity(s) to whom or to which it is addressed. This communication may contain information that is privileged, proprietary, or confidential, or otherwise legally exempt from disclosure. If you are not the named addressee, you are not authorized to read, print, retain, copy or disseminate this message or any part of it. If you have received this message in error, please notify the sender immediately by email and delete all copies of the message.

USEPA CLP Organics COC (REGION COPY)
DateShipped: 4/10/2017
CarrierName: FedEx

CHAIN OF CUSTODY RECORD
Burlington Industries
Case #: 46877

No: 4-041017-132536-0004
Lab: ALS Laboratory Group
Lab Contact: Roxy Olson
Lab Phone: 801-266-7700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
BIC-COMP-01	DACR8	Soil/	Composite	CLP TCL PCBs	A (None) (2)	Composite 01	04/07/2017 12:30	Field Sample
BIC-COMP-02	DACR9	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 02	04/07/2017 12:50	Field Sample
BIC-COMP-03	DACS0	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 03	04/07/2017 09:35	Field Sample
BIC-COMP-04	DACS1	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 04	04/07/2017 12:55	Field Sample
BIC-COMP-05	DACS2	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 05	04/07/2017 09:55	Field Sample
BIC-COMP-06	DACS3	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 06	04/07/2017 12:45	Field Sample
BIC-COMP-08	DACS5	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 08	04/07/2017 10:45	Field Sample
BIC-COMP-09	DACS6	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 09	04/07/2017 09:30	Field Sample
BIC-COMP-11	DACS8	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 11	04/07/2017 12:20	Field Sample
BIC-COMP-12	DACS9	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 12	04/07/2017 12:40	Field Sample
BIC-COMP-13	DACT0	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 13	04/07/2017 09:25	Field Sample
BIC-COMP-14	DACT1	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 14	04/07/2017 09:20	Field Sample
BIC-COMP-15	DACT2	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 15	04/07/2017 09:15	Field Sample
BIC-COMP-16	DACT3	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 16	04/07/2017 09:10	Field Sample
BIC-COMP-17	DACT4	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 17	04/07/2017 08:40	Field Sample
BIC-COMP-18	DACT5	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 18	04/07/2017 09:05	Field Sample
BIC-COMP-19	DACT6	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 19	04/07/2017 09:00	Field Sample
BIC-COMP-20	DACT7	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 20	04/07/2017 11:30	Field Sample
BIC-COMP-21	DACT8	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 21	04/07/2017 11:40	Field Sample

Sample(s) to be used for Lab QC: BIC-COMP-01 Tag A

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

USEPA CLP Organics COC (REGION COPY)

DateShipped: 4/10/2017

CarrierName: FedEx

CHAIN OF CUSTODY RECORD

Burlington Industries

Case #: 46877

No: 4-041017-132536-0004

Lab: ALS Laboratory Group

Lab Contact: Roxy Olson

Lab Phone: 801-266-7700

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
BIC-COMP-22	DACT9	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 22	04/07/2017 11:55	Field Sample
BIC-COMP-23	DACW0	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 23	04/07/2017 11:15	Field Sample
BIC-COMP-24	DACW1	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 24	04/07/2017 11:10	Field Sample
BIC-COMP-25	DACW2	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 25	04/07/2017 11:00	Field Sample
BIC-COMP-26	DACW3	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 26	04/07/2017 10:55	Field Sample
BIC-COMP-27	DACW4	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 27	04/07/2017 12:10	Field Sample
BIC-COMP-28	DACW5	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 28	04/07/2017 10:40	Field Sample
BIC-COMP-29	DACW6	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 29	04/07/2017 09:25	Field Sample
BIC-COMP-05-DUP	DAD02	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 05	04/07/2017 09:58	Field Duplicate

Special Instructions:

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

USEPA CLP Organics COC (REGION COPY)
DateShipped: 4/10/2017
CarrierName: FedEx

CHAIN OF CUSTODY RECORD
Burlington Industries
Case #: 46877

No: 4-041017-133225-0005
Lab: ChemTech Consulting Group
Lab Contact: Divya Mehta
Lab Phone: 908-789-8900

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	Sample Type
BIC-COMP-07	DACS4	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 07	04/07/2017 10:00	Field Sample
BIC-COMP-10	DACS7	Soil/	Composite	CLP TCL PCBs	A (None) (2)	Composite 10	04/07/2017 10:05	Field Sample
BIC-COMP-30	DACW7	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 30	04/07/2017 09:40	Field Sample
BIC-COMP-31	DACZ4	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 31	04/07/2017 11:03	Field Sample
BIC-COMP-32	DACZ5	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 32	04/07/2017 11:50	Field Sample
BIC-COMP-33	DACZ6	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 33	04/07/2017 12:00	Field Sample
BIC-COMP-34	DACZ7	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 34	04/07/2017 12:25	Field Sample
BIC-COMP-35	DACZ8	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 35	04/07/2017 12:15	Field Sample
BIC-COMP-36	DACZ9	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 36	04/07/2017 12:35	Field Sample
BIC-COMP-37	DAD00	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 37	04/07/2017 12:05	Field Sample
BIC-COMP-38	DAD01	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 38	04/07/2017 11:45	Field Sample
BIC-COMP-07-DUP	DAD03	Soil/	Composite	CLP TCL PCBs	A (None) (1)	Composite 07	04/07/2017 10:03	Field Duplicate

Sample(s) to be used for Lab QC: BIC-COMP-10 Tag A

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 30, 2017

Rick Hollingsworth
CMC, Inc.
1151 Jessamine Station Rd
Nicholasville KY 40356

TEL: (859) 885-4688
FAX: (859) 885-4688

RE: Burlington Industries Cheraw

Dear Rick Hollingsworth:

Order No: 1705I35

Analytical Environmental Services, Inc. received 4 samples on 5/18/2017 6:06:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

-NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/16-06/30/17.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/16-06/30/17 and Total Coliforms and E. coli, effective 04/25/17-04/24/20.

-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and

Tvrel Heckendorf
Project Manager

1705I35 Work Order: 81995

ANALYTICAL ENVIRONMENTAL SERVICES, INC.
3080 Presidential Drive Atlanta, GA 30340-3704
Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

CHAIN OF CUSTODY

Date: 5/18/17 Page 1 of 1

COMPANY: CMC Inc

ADDRESS: 1151 JESSAMINE STATION RD NICHOLASVILLE, KY 40356

PHONE: 859-885-4688

EMAIL: CMCRICKHC@AOL.COM RICK@CMCENVIRONMENTAL.COM

SAMPLED BY: MATTHEW HUYSER

SIGNATURE:

Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.

ANALYSIS REQUESTED / PRESERVATION (see codes)

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	TCLP METALS (I)	% MOISTURE (I)	SVOC (I)	CHLORINATED HERBICIDES (I)	CHLORINATED PESTICIDES (I)	PCBs (I)	VOCs (S/M+I)	TOTAL METALS (I)	REMARKS	Number of Containers
1	B1C-TS-SP1	5/18/17	1100		X	SO				X	X				PEST + HERB only	7
2	B1C-TS-SP2	5/18/17	1100		X	SO	X	X	X	X	X	X	X	X		7
3	B1C-TS-SP3	5/18/17	1100		X	SO	X	X	X	X	X	X	X	X		7
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																

RELINQUISHED BY: 1. [signature] DATE/TIME: 5/18/17 1806

RECEIVED BY: 1. [signature] DATE/TIME: 1806 5/18/17

2. 3.

SPECIAL INSTRUCTIONS/COMMENTS: CUSTODY SEALS INCORRECTLY PLACED ON % MOIST SP2 and SP3, NONE LEFT FOR SP1 BOTTLES

SHIPMENT METHOD
OUT: / / VIA:
IN: / / VIA:
client FedEx UPS US mail courier Greyhound
other: _____

PROJECT INFORMATION
PROJECT NAME: BURLINGTON INDUSTRIES CORRAN
PROJECT #:
SITE ADDRESS:
SEND REPORT TO: RICK HOLLINGSWORTH, CMC Inc
INVOICE TO: (IF DIFFERENT FROM ABOVE)
QUOTE #: _____ PO#: _____

RECEIPT
Total # of Containers: 21

Turnaround Time (TAT) Request
☒ Standard 5 Business Days
☐ 2 Business Day Rush
☐ Next Business Day Rush
☐ Same-Day Rush (auth req.)
☐ Other _____

STATE PROGRAM (if any): _____
E-mail? ☒ Fax? ☒
DATA PACKAGE: I ☒ II ○ III ○ IV ○

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc

Date: 30-May-17

Client: CMC, Inc.
Project: Burlington Industries Cheraw
Lab ID: 1705I35

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on samples 1705I35-002A, & -003 A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

RPD value for 1,1-Dichloroethene on sample 1705J69-001AMSD was outside advisory control limits due to suspected non-homogeneous sample matrix. All percent recoveries were within control limits.

Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP1
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705135-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
4,4′-DDD	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
4,4′-DDE	8.3	3.6		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
4,4′-DDT	9.3	3.6		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Aldrin	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
alpha-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
alpha-Chlordane	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
beta-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
delta-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Dieldrin	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Endosulfan I	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Endosulfan II	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Endosulfan sulfate	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Endrin	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Endrin aldehyde	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Endrin ketone	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
gamma-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
gamma-Chlordane	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Heptachlor	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Methoxychlor	BRL	18		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Toxaphene	BRL	180		ug/Kg-dry	242993	1	05/24/2017 16:10	SH
Surr: Decachlorobiphenyl	74	45-128		%REC	242993	1	05/24/2017 16:10	SH
Surr: Tetrachloro-m-xylene	65.4	46-120		%REC	242993	1	05/24/2017 16:10	SH
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	36		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
2,4,5-TP (Silvex)	BRL	36		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
2,4-D	BRL	36		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
2,4-DB	BRL	180		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
Dalapon	BRL	360		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
Dicamba	BRL	36		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
Dichlorprop	BRL	36		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
Dinoseb	BRL	92		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
MCPA	BRL	3600		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
MCPP	BRL	3600		ug/Kg-dry	243084	1	05/25/2017 22:59	AW
Surr: DCAA	105	46.5-135		%REC	243084	1	05/25/2017 22:59	AW
PERCENT MOISTURE D2216								
Percent Moisture	7.36	0		wt%	R343738	1	05/23/2017 09:00	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc Date: 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP2
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705I35-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.0905		mg/Kg-dry	242997	1	05/27/2017 01:47	AS
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2,4,5-Trichlorophenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2,4,6-Trichlorophenol	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2,4-Dichlorophenol	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2,4-Dimethylphenol	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2,4-Dinitrophenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2,4-Dinitrotoluene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2,6-Dinitrotoluene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2-Chloronaphthalene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2-Chlorophenol	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2-Methylnaphthalene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2-Methylphenol	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2-Nitroaniline	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
2-Nitrophenol	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
3,3´-Dichlorobenzidine	BRL	720		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
3-Nitroaniline	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
4,6-Dinitro-2-methylphenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
4-Bromophenyl phenyl ether	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
4-Chloro-3-methylphenol	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
4-Chloroaniline	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
4-Chlorophenyl phenyl ether	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
4-Methylphenol	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
4-Nitroaniline	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
4-Nitrophenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Acenaphthene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Acenaphthylene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Acetophenone	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Anthracene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Atrazine	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Benz(a)anthracene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Benzaldehyde	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Benzo(a)pyrene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Benzo(b)fluoranthene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Benzo(g,h,i)perylene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Benzo(k)fluoranthene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Bis(2-chloroethoxy)methane	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Bis(2-chloroethyl)ether	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Bis(2-chloroisopropyl)ether	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH

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Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP2
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705I35-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Butyl benzyl phthalate	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Caprolactam	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Carbazole	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Chrysene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Di-n-butyl phthalate	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Di-n-octyl phthalate	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Dibenz(a,h)anthracene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Dibenzofuran	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Diethyl phthalate	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Dimethyl phthalate	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Fluoranthene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Fluorene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Hexachlorobenzene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Hexachlorobutadiene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Hexachlorocyclopentadiene	BRL	710		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Hexachloroethane	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Indeno(1,2,3-cd)pyrene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Isophorone	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
N-Nitrosodi-n-propylamine	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
N-Nitrosodiphenylamine	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Naphthalene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Nitrobenzene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Pentachlorophenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Phenanthrene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Phenol	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Pyrene	BRL	360		ug/Kg-dry	242939	1	05/24/2017 14:24	YH
Surr: 2,4,6-Tribromophenol	65.7	46.9-137		%REC	242939	1	05/24/2017 14:24	YH
Surr: 2-Fluorobiphenyl	62.3	50-115		%REC	242939	1	05/24/2017 14:24	YH
Surr: 2-Fluorophenol	62.5	41.2-105		%REC	242939	1	05/24/2017 14:24	YH
Surr: 4-Terphenyl-d14	77.7	51.9-126		%REC	242939	1	05/24/2017 14:24	YH
Surr: Nitrobenzene-d5	66.2	40.2-113		%REC	242939	1	05/24/2017 14:24	YH
Surr: Phenol-d5	68.9	45-109		%REC	242939	1	05/24/2017 14:24	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,1,2,2-Tetrachloroethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,1,2-Trichloroethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,1-Dichloroethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,1-Dichloroethene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,2,4-Trichlorobenzene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD

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Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP2
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705I35-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,2-Dibromoethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,2-Dichlorobenzene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,2-Dichloroethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,2-Dichloropropane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,3-Dichlorobenzene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
1,4-Dichlorobenzene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
2-Butanone	BRL	29		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
2-Hexanone	BRL	5.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
4-Methyl-2-pentanone	BRL	5.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Acetone	160	59		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Benzene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Bromodichloromethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Bromoform	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Bromomethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Carbon disulfide	BRL	5.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Carbon tetrachloride	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Chlorobenzene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Chloroethane	BRL	5.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Chloroform	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Chloromethane	BRL	5.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
cis-1,2-Dichloroethene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
cis-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Cyclohexane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Dibromochloromethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Dichlorodifluoromethane	BRL	5.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Ethylbenzene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Freon-113	BRL	5.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Isopropylbenzene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
m,p-Xylene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Methyl acetate	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Methyl tert-butyl ether	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Methylcyclohexane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Methylene chloride	BRL	12		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
o-Xylene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Styrene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Tetrachloroethene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Toluene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
trans-1,2-Dichloroethene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
trans-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Trichloroethene	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD

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Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP2
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705I35-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5035)**			
Trichlorofluoromethane	BRL	2.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Vinyl chloride	BRL	5.9		ug/Kg-dry	243244	1	05/26/2017 01:53	MD
Surr: 4-Bromofluorobenzene	85.1	63-125		%REC	243244	1	05/26/2017 01:53	MD
Surr: Dibromofluoromethane	104	69.9-123		%REC	243244	1	05/26/2017 01:53	MD
Surr: Toluene-d8	99.5	70-122		%REC	243244	1	05/26/2017 01:53	MD
POLYCHLORINATED BIPHENYLS SW8082A					**(SW3550C)**			
Aroclor 1016	BRL	36		ug/Kg-dry	242946	1	05/23/2017 14:55	SH
Aroclor 1221	BRL	36		ug/Kg-dry	242946	1	05/23/2017 14:55	SH
Aroclor 1232	BRL	36		ug/Kg-dry	242946	1	05/23/2017 14:55	SH
Aroclor 1242	BRL	36		ug/Kg-dry	242946	1	05/23/2017 14:55	SH
Aroclor 1248	BRL	36		ug/Kg-dry	242946	1	05/23/2017 14:55	SH
Aroclor 1254	BRL	36		ug/Kg-dry	242946	1	05/23/2017 14:55	SH
Aroclor 1260	BRL	36		ug/Kg-dry	242946	1	05/23/2017 14:55	SH
Surr: Decachlorobiphenyl	104	43.2-138		%REC	242946	1	05/23/2017 14:55	SH
Surr: Tetrachloro-m-xylene	111	46-128		%REC	242946	1	05/23/2017 14:55	SH
MERCURY, TCLP SW1311/7470A					**(SW7470A)**			
Mercury	BRL	0.00400		mg/L	243100	1	05/24/2017 19:08	AS
ICP METALS, TCLP SW1311/6010C					**(SW3010A)**			
Arsenic	BRL	0.0500		mg/L	243033	1	05/24/2017 20:41	IO
Barium	BRL	0.100		mg/L	243033	1	05/24/2017 20:41	IO
Cadmium	BRL	0.00500		mg/L	243033	1	05/24/2017 20:41	IO
Chromium	BRL	0.0100		mg/L	243033	1	05/24/2017 20:41	IO
Lead	BRL	0.0100		mg/L	243033	1	05/24/2017 20:41	IO
Selenium	BRL	0.0200		mg/L	243033	1	05/24/2017 20:41	IO
Silver	BRL	0.00500		mg/L	243033	1	05/24/2017 20:41	IO
CHLORINATED PESTICIDES, TCL SW8081B					**(SW3550C)**			
4,4'-DDD	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
4,4'-DDE	13	3.6		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
4,4'-DDT	14	3.6		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Aldrin	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
alpha-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
alpha-Chlordane	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
beta-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
delta-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Dieldrin	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Endosulfan I	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Endosulfan II	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:21	SH

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Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP2
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705I35-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
Endosulfan sulfate	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Endrin	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Endrin aldehyde	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Endrin ketone	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
gamma-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
gamma-Chlordane	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Heptachlor	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Methoxychlor	BRL	18		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Toxaphene	BRL	180		ug/Kg-dry	242993	1	05/24/2017 16:21	SH
Surr: Decachlorobiphenyl	88.3	45-128		%REC	242993	1	05/24/2017 16:21	SH
Surr: Tetrachloro-m-xylene	96.7	46-120		%REC	242993	1	05/24/2017 16:21	SH
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	36		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
2,4,5-TP (Silvex)	BRL	36		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
2,4-D	BRL	36		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
2,4-DB	BRL	180		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
Dalapon	BRL	360		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
Dicamba	BRL	36		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
Dichlorprop	BRL	36		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
Dinoseb	BRL	92		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
MCPA	BRL	3600		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
MCPP	BRL	3600		ug/Kg-dry	243084	1	05/26/2017 00:33	AW
Surr: DCAA	95.6	46.5-135		%REC	243084	1	05/26/2017 00:33	AW
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	BRL	4.59		mg/Kg-dry	243126	1	05/26/2017 19:48	IO
Barium	26.1	4.59		mg/Kg-dry	243126	1	05/26/2017 19:48	IO
Cadmium	BRL	2.30		mg/Kg-dry	243126	1	05/26/2017 19:48	IO
Chromium	8.20	2.30		mg/Kg-dry	243126	1	05/26/2017 19:48	IO
Lead	12.2	4.59		mg/Kg-dry	243126	1	05/26/2017 19:48	IO
Selenium	BRL	4.59		mg/Kg-dry	243126	1	05/26/2017 19:48	IO
Silver	BRL	2.30		mg/Kg-dry	243126	1	05/26/2017 19:48	IO
PERCENT MOISTURE D2216								
Percent Moisture	7.33	0		wt%	R343738	1	05/23/2017 09:00	JC

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Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP3
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705I35-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TOTAL MERCURY SW7471B					**(SW7471B)**			
Mercury	BRL	0.0962		mg/Kg-dry	242997	1	05/26/2017 18:41	AS
TCL-SEMIVOLATILE ORGANICS SW8270D					**(SW3550C)**			
1,1´-Biphenyl	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2,4,5-Trichlorophenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2,4,6-Trichlorophenol	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2,4-Dichlorophenol	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2,4-Dimethylphenol	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2,4-Dinitrophenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2,4-Dinitrotoluene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2,6-Dinitrotoluene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2-Chloronaphthalene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2-Chlorophenol	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2-Methylnaphthalene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2-Methylphenol	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2-Nitroaniline	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
2-Nitrophenol	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
3,3´-Dichlorobenzidine	BRL	720		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
3-Nitroaniline	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
4,6-Dinitro-2-methylphenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
4-Bromophenyl phenyl ether	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
4-Chloro-3-methylphenol	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
4-Chloroaniline	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
4-Chlorophenyl phenyl ether	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
4-Methylphenol	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
4-Nitroaniline	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
4-Nitrophenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Acenaphthene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Acenaphthylene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Acetophenone	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Anthracene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Atrazine	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Benz(a)anthracene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Benzaldehyde	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Benzo(a)pyrene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Benzo(b)fluoranthene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Benzo(g,h,i)perylene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Benzo(k)fluoranthene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Bis(2-chloroethoxy)methane	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Bis(2-chloroethyl)ether	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Bis(2-chloroisopropyl)ether	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH

Qualifiers:

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- BRL Below reporting limit
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- B Analyte detected in the associated method blank
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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP3
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705I35-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270D				**(SW3550C)**				
Bis(2-ethylhexyl)phthalate	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Butyl benzyl phthalate	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Caprolactam	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Carbazole	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Chrysene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Di-n-butyl phthalate	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Di-n-octyl phthalate	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Dibenz(a,h)anthracene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Dibenzofuran	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Diethyl phthalate	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Dimethyl phthalate	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Fluoranthene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Fluorene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Hexachlorobenzene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Hexachlorobutadiene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Hexachlorocyclopentadiene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Hexachloroethane	BRL	710		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Indeno(1,2,3-cd)pyrene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Isophorone	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
N-Nitrosodi-n-propylamine	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
N-Nitrosodiphenylamine	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Naphthalene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Nitrobenzene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Pentachlorophenol	BRL	1800		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Phenanthrene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Phenol	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Pyrene	BRL	350		ug/Kg-dry	242939	1	05/24/2017 14:50	YH
Surr: 2,4,6-Tribromophenol	53.7	46.9-137		%REC	242939	1	05/24/2017 14:50	YH
Surr: 2-Fluorobiphenyl	54.2	50-115		%REC	242939	1	05/24/2017 14:50	YH
Surr: 2-Fluorophenol	46.6	41.2-105		%REC	242939	1	05/24/2017 14:50	YH
Surr: 4-Terphenyl-d14	64.9	51.9-126		%REC	242939	1	05/24/2017 14:50	YH
Surr: Nitrobenzene-d5	55.3	40.2-113		%REC	242939	1	05/24/2017 14:50	YH
Surr: Phenol-d5	55.1	45-109		%REC	242939	1	05/24/2017 14:50	YH
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD

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Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP3
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705I35-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5035)**				
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
2-Butanone	BRL	32		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
2-Hexanone	BRL	6.5		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
4-Methyl-2-pentanone	BRL	6.5		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Acetone	200	65		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Benzene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Bromodichloromethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Bromoform	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Bromomethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Carbon disulfide	BRL	6.5		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Chlorobenzene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Chloroethane	BRL	6.5		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Chloroform	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Chloromethane	BRL	6.5		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Cyclohexane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Dibromochloromethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Dichlorodifluoromethane	BRL	6.5		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Ethylbenzene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Freon-113	BRL	6.5		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Isopropylbenzene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
m,p-Xylene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Methyl acetate	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Methylcyclohexane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Methylene chloride	BRL	13		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
o-Xylene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Styrene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Tetrachloroethene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Toluene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Trichloroethene	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD

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Analytical Environmental Services, Inc

Date: 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP3
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705I35-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5035)**			
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Vinyl chloride	BRL	6.5		ug/Kg-dry	243244	1	05/26/2017 02:17	MD
Surr: 4-Bromofluorobenzene	84.3	63-125		%REC	243244	1	05/26/2017 02:17	MD
Surr: Dibromofluoromethane	102	69.9-123		%REC	243244	1	05/26/2017 02:17	MD
Surr: Toluene-d8	95.5	70-122		%REC	243244	1	05/26/2017 02:17	MD
POLYCHLORINATED BIPHENYLS SW8082A					**(SW3550C)**			
Aroclor 1016	BRL	36		ug/Kg-dry	242946	1	05/23/2017 16:25	SH
Aroclor 1221	BRL	36		ug/Kg-dry	242946	1	05/23/2017 16:25	SH
Aroclor 1232	BRL	36		ug/Kg-dry	242946	1	05/23/2017 16:25	SH
Aroclor 1242	BRL	36		ug/Kg-dry	242946	1	05/23/2017 16:25	SH
Aroclor 1248	BRL	36		ug/Kg-dry	242946	1	05/23/2017 16:25	SH
Aroclor 1254	BRL	36		ug/Kg-dry	242946	1	05/23/2017 16:25	SH
Aroclor 1260	BRL	36		ug/Kg-dry	242946	1	05/23/2017 16:25	SH
Surr: Decachlorobiphenyl	81.7	43.2-138		%REC	242946	1	05/23/2017 16:25	SH
Surr: Tetrachloro-m-xylene	92.2	46-128		%REC	242946	1	05/23/2017 16:25	SH
MERCURY, TCLP SW1311/7470A					**(SW7470A)**			
Mercury	BRL	0.00400		mg/L	243100	1	05/24/2017 19:11	AS
ICP METALS, TCLP SW1311/6010C					**(SW3010A)**			
Arsenic	BRL	0.0500		mg/L	243033	1	05/24/2017 20:48	IO
Barium	BRL	0.100		mg/L	243033	1	05/24/2017 20:48	IO
Cadmium	BRL	0.00500		mg/L	243033	1	05/24/2017 20:48	IO
Chromium	BRL	0.0100		mg/L	243033	1	05/24/2017 20:48	IO
Lead	0.505	0.0100		mg/L	243033	1	05/24/2017 20:48	IO
Selenium	BRL	0.0200		mg/L	243033	1	05/24/2017 20:48	IO
Silver	BRL	0.00500		mg/L	243033	1	05/24/2017 20:48	IO
CHLORINATED PESTICIDES, TCL SW8081B					**(SW3550C)**			
4,4´-DDD	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
4,4´-DDE	8.2	3.6		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
4,4´-DDT	8.3	3.6		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Aldrin	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
alpha-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
alpha-Chlordane	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
beta-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
delta-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Dieldrin	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Endosulfan I	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Endosulfan II	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:32	SH

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Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	BIC-TS-SP3
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 11:00:00 AM
Lab ID:	1705135-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
CHLORINATED PESTICIDES, TCL SW8081B				**(SW3550C)**				
Endosulfan sulfate	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Endrin	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Endrin aldehyde	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Endrin ketone	BRL	3.6		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
gamma-BHC	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
gamma-Chlordane	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Heptachlor	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Heptachlor epoxide	BRL	1.8		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Methoxychlor	BRL	18		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Toxaphene	BRL	180		ug/Kg-dry	242993	1	05/24/2017 16:32	SH
Surr: Decachlorobiphenyl	64.8	45-128		%REC	242993	1	05/24/2017 16:32	SH
Surr: Tetrachloro-m-xylene	70.6	46-120		%REC	242993	1	05/24/2017 16:32	SH
CHLORINATED HERBICIDES SW8151A				**(SW3550C)**				
2,4,5-T	BRL	35		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
2,4,5-TP (Silvex)	BRL	35		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
2,4-D	BRL	35		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
2,4-DB	BRL	180		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
Dalapon	BRL	350		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
Dicamba	BRL	35		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
Dichlorprop	BRL	35		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
Dinoseb	BRL	91		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
MCPA	BRL	3500		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
MCPP	BRL	3500		ug/Kg-dry	243084	1	05/26/2017 01:05	AW
Surr: DCAA	107	46.5-135		%REC	243084	1	05/26/2017 01:05	AW
METALS, TOTAL SW6010D				**(SW3050B)**				
Arsenic	BRL	3.84		mg/Kg-dry	243126	1	05/26/2017 12:46	IO
Barium	23.1	3.84		mg/Kg-dry	243126	1	05/26/2017 12:46	IO
Cadmium	BRL	1.92		mg/Kg-dry	243126	1	05/26/2017 12:46	IO
Chromium	6.59	1.92		mg/Kg-dry	243126	1	05/26/2017 12:46	IO
Lead	11.3	3.84		mg/Kg-dry	243126	1	05/26/2017 12:46	IO
Selenium	BRL	3.84		mg/Kg-dry	243126	1	05/26/2017 12:46	IO
Silver	BRL	1.92		mg/Kg-dry	243126	1	05/26/2017 12:46	IO
PERCENT MOISTURE D2216								
Percent Moisture	6.98	0		wt%	R343738	1	05/23/2017 09:00	JC

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 6:06:00 PM
Lab ID:	1705I35-004	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B					**(SW5030B)**			
1,1,1-Trichloroethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,1-Dichloroethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,1-Dichloroethene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,2-Dibromoethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,2-Dichloroethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,2-Dichloropropane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
2-Butanone	BRL	50		ug/L	242987	1	05/23/2017 16:34	NP
2-Hexanone	BRL	10		ug/L	242987	1	05/23/2017 16:34	NP
4-Methyl-2-pentanone	BRL	10		ug/L	242987	1	05/23/2017 16:34	NP
Acetone	BRL	50		ug/L	242987	1	05/23/2017 16:34	NP
Benzene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Bromodichloromethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Bromoform	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Bromomethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Carbon disulfide	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Carbon tetrachloride	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Chlorobenzene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Chloroethane	BRL	10		ug/L	242987	1	05/23/2017 16:34	NP
Chloroform	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Chloromethane	BRL	10		ug/L	242987	1	05/23/2017 16:34	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Cyclohexane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Dibromochloromethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Dichlorodifluoromethane	BRL	10		ug/L	242987	1	05/23/2017 16:34	NP
Ethylbenzene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Freon-113	BRL	10		ug/L	242987	1	05/23/2017 16:34	NP
Isopropylbenzene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
m,p-Xylene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Methyl acetate	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Methylcyclohexane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Methylene chloride	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
o-Xylene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc **Date:** 30-May-17

Client:	CMC, Inc.	**Client Sample ID:**	TRIP BLANK
Project Name:	Burlington Industries Cheraw	**Collection Date:**	5/18/2017 6:06:00 PM
Lab ID:	1705135-004	**Matrix:**	Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				**(SW5030B)**				
Styrene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Tetrachloroethene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Toluene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Trichloroethene	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Trichlorofluoromethane	BRL	5.0		ug/L	242987	1	05/23/2017 16:34	NP
Vinyl chloride	BRL	2.0		ug/L	242987	1	05/23/2017 16:34	NP
Surr: 4-Bromofluorobenzene	97	66.1-129		%REC	242987	1	05/23/2017 16:34	NP
Surr: Dibromofluoromethane	100	83.6-123		%REC	242987	1	05/23/2017 16:34	NP
Surr: Toluene-d8	99.1	81.8-118		%REC	242987	1	05/23/2017 16:34	NP

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
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- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
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- J Estimated value detected below Reporting Limit

Clear Save as

AES ANALYTICAL ENVIRONMENTAL SERVICES, INC.

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: CMC, INC

AES Work Order Number: 1705I35

2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ☐ Courier ■ Other ____

		Yes	No	N/A	Details	Comments
3.	Shipping container/cooler received in good condition?	●	○	○	damaged ☐ leaking ☐ other ☐	
4.	Custody seals present on shipping container?	○	●	○		
5.	Custody seals intact on shipping container?	○	○	●		
6.	Temperature blanks present?	●	○	○		
7.	Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	●	○	○	Cooling initiated for recently collected samples / ice present ☐	
8.	Chain of Custody (COC) present?	●	○	○		
9.	Chain of Custody signed, dated, and timed when relinquished and received?	●	○	○		
10.	Sampler name and/or signature on COC?	●	○	○		
11.	Were all samples received within holding time?	●	○	○		
12.	TAT marked on the COC?	●	○	○	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature 1.6 °C Cooler 2 Temperature ____ °C Cooler 3 Temperature ____ °C Cooler 4 Temperature ____ °C

14. Cooler 5 Temperature ____ °C Cooler 6 Temperature ____ °C Cooler 7 Temperature ____ °C Cooler 8 Temperature ____ °C

15. Comments: ____

I certify that I have completed sections 1-15 (dated initials). AJ 5/18/17

		Yes	No	N/A	Details	Comments
16.	Were sample containers intact upon receipt?	●	○	○		
17.	Custody seals present on sample containers?	●	○	○		
18.	Custody seals intact on sample containers?	●	○	○		
19.	Do sample container labels match the COC?	○	●	○	incomplete info ☐ illegible ☐ no label ☐ other ■	See narrative
20.	Are analyses requested indicated on the COC?	●	○	○		
21.	Were all of the samples listed on the COC received?	●	○	○	samples received but not listed on COC ☐ samples listed on COC not received ☐	
22.	Was the sample collection date/time noted?	●	○	○		
23.	Did we receive sufficient sample volume for indicated analyses?	●	○	○		
24.	Were samples received in appropriate containers?	●	○	○		
25.	Were VOA samples received without headspace (< 1/4" bubble)?	○	○	●		
26.	Were trip blanks submitted?	●	○	○	listed on COC ☐ not listed on COC ■	

27. Comments: ____

I certify that I have completed sections 16-27 (dated initials). CP 5-19-17

		Yes	No	N/A	Details	Comments
28.	Have containers needing chemical preservation been checked?	○	○	●		
29.	Containers meet preservation guidelines?	○	○	●		
30.	Was pH adjusted?	○	○	●		

I certify that I have completed sections 28-30 (dated initials). CP 5-19-17

Locked

ANALYTICAL QC SUMMARY REPORT

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

BatchID: 242939

Sample ID: **MB-242939** Client ID:
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D**

Units: **ug/Kg** Prep Date: **05/24/2017** Run No: **343850**
BatchID: **242939** Analysis Date: **05/24/2017** Seq No: **7540541**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1´-Biphenyl	BRL	330									
2,4,5-Trichlorophenol	BRL	1700									
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Methylnaphthalene	BRL	330									
2-Methylphenol	BRL	330									
2-Nitroaniline	BRL	1700									
2-Nitrophenol	BRL	330									
3,3´-Dichlorobenzidine	BRL	670									
3-Nitroaniline	BRL	1700									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chloroaniline	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Methylphenol	BRL	330									
4-Nitroaniline	BRL	1700									
4-Nitrophenol	BRL	1700									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Acetophenone	BRL	330									

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 242939

Sample ID: **MB-242939** Client ID:
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D**
Units: **ug/Kg** Prep Date: **05/24/2017** Run No: **343850**
BatchID: **242939** Analysis Date: **05/24/2017** Seq No: **7540541**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Anthracene	BRL	330									
Atrazine	BRL	330									
Benz(a)anthracene	BRL	330									
Benzaldehyde	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									
Butyl benzyl phthalate	BRL	330									
Caprolactam	BRL	330									
Carbazole	BRL	330									
Chrysene	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Dibenzofuran	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

ANALYTICAL QC SUMMARY REPORT

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

BatchID: 242939

Sample ID: **MB-242939** Client ID: Units: **ug/Kg** Prep Date: **05/24/2017** Run No: **343850**
SampleType: **MBLK** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **242939** Analysis Date: **05/24/2017** Seq No: **7540541**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2743	0	3333		82.3	46.9	137				
Surr: 2-Fluorobiphenyl	1222	0	1667		73.3	50	115				
Surr: 2-Fluorophenol	2130	0	3333		63.9	41.2	105				
Surr: 4-Terphenyl-d14	1439	0	1667		86.3	51.9	126				
Surr: Nitrobenzene-d5	1002	0	1667		60.1	40.2	113				
Surr: Phenol-d5	2090	0	3333		62.7	45	109				

Sample ID: **LCS-242939** Client ID: Units: **ug/Kg** Prep Date: **05/24/2017** Run No: **343850**
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D** BatchID: **242939** Analysis Date: **05/24/2017** Seq No: **7540542**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	2716	330	3333		81.5	59.1	124				
2-Chlorophenol	2744	330	3333		82.3	60.1	120				
4-Chloro-3-methylphenol	2698	330	3333		80.9	63.4	117				
4-Nitrophenol	2308	1700	3333		69.2	43.2	120				
Acenaphthene	2858	330	3333		85.7	68	120				
N-Nitrosodi-n-propylamine	2526	330	3333		75.8	60	124				

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

Date: 30-May-17

ANALYTICAL QC SUMMARY REPORT

BatchID: 242939

Sample ID: **LCS-242939** Client ID:
SampleType: **LCS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D**
Units: **ug/Kg** BatchID: **242939**
Prep Date: **05/24/2017** Analysis Date: **05/24/2017**
Run No: **343850** Seq No: **7540542**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Pentachlorophenol	2198	1700	3333		65.9	40.5	122				
Phenol	2378	330	3333		71.3	50.1	120				
Pyrene	3206	330	3333		96.2	65	129				
Surr: 2,4,6-Tribromophenol	3267	0	3333		98.0	46.9	137				
Surr: 2-Fluorobiphenyl	1428	0	1667		85.7	50	115				
Surr: 2-Fluorophenol	2436	0	3333		73.1	41.2	105				
Surr: 4-Terphenyl-d14	1649	0	1667		98.9	51.9	126				
Surr: Nitrobenzene-d5	1145	0	1667		68.7	40.2	113				
Surr: Phenol-d5	2400	0	3333		72.0	45	109				

Sample ID: **1705H95-016BMS** Client ID:
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D**
Units: **ug/Kg-dry** BatchID: **242939**
Prep Date: **05/24/2017** Analysis Date: **05/24/2017**
Run No: **343850** Seq No: **7542863**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	1227	370	3713		33.1	50.4	120				S
2-Chlorophenol	1341	370	3713		36.1	50.1	100				S
4-Chloro-3-methylphenol	1303	370	3713		35.1	53.8	120				S
4-Nitrophenol	BRL	1900	3713		27.7	31	120				S
Acenaphthene	1443	370	3713		38.9	51.1	120				S
N-Nitrosodi-n-propylamine	1193	370	3713		32.1	47.6	120				S
Pentachlorophenol	BRL	1900	3713		31.9	40	131				S
Phenol	1130	370	3713		30.4	40.7	120				S
Pyrene	1702	370	3713	280.7	38.3	48.1	123				S
Surr: 2,4,6-Tribromophenol	1630	0	3713		43.9	46.9	137				S
Surr: 2-Fluorobiphenyl	708.4	0	1856		38.2	50	115				S
Surr: 2-Fluorophenol	1140	0	3713		30.7	41.2	105				S
Surr: 4-Terphenyl-d14	852.1	0	1856		45.9	51.9	126				S
Surr: Nitrobenzene-d5	518.3	0	1856		27.9	40.2	113				S

Qualifiers:
- > Greater than Result value
- BRL Below reporting limit
- J Estimated value detected below Reporting Limit
- Rpt Lim Reporting Limit
- < Less than Result value
- E Estimated (value above quantitation range)
- N Analyte not NELAC certified
- S Spike Recovery outside limits due to matrix
- B Analyte detected in the associated method blank
- H Holding times for preparation or analysis exceeded
- R RPD outside limits due to matrix

ANALYTICAL QC SUMMARY REPORT

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

BatchID: 242939

Sample ID: **1705H95-016BMS** Client ID:
SampleType: **MS** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D**
Units: **ug/Kg-dry** BatchID: **242939**
Prep Date: **05/24/2017** Analysis Date: **05/24/2017**
Run No: **343850** Seq No: **7542863**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: Phenol-d5	1146	0	3713		30.9	45	109				S

Sample ID: **1705H95-016BMSD** Client ID:
SampleType: **MSD** TestCode: **TCL-SEMIVOLATILE ORGANICS SW8270D**
Units: **ug/Kg-dry** BatchID: **242939**
Prep Date: **05/24/2017** Analysis Date: **05/24/2017**
Run No: **343850** Seq No: **7542864**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	2511	370	3713		67.6	50.4	120	1227	68.7	35.2	R
2-Chlorophenol	2073	370	3713		55.8	50.1	100	1341	42.8	25.9	R
4-Chloro-3-methylphenol	2430	370	3713		65.5	53.8	120	1303	60.4	25	R
4-Nitrophenol	2104	1900	3713		56.7	31	120	1029	68.6	28.4	R
Acenaphthene	2630	370	3713		70.8	51.1	120	1443	58.3	25.9	R
N-Nitrosodi-n-propylamine	2037	370	3713		54.9	47.6	120	1193	52.3	23.9	R
Pentachlorophenol	1999	1900	3713		53.8	40	131	1185	51.1	48.3	R
Phenol	1820	370	3713		49.0	40.7	120	1130	46.8	28.7	R
Pyrene	3123	370	3713	280.7	76.6	48.1	123	1702	58.9	23.9	R
Surr: 2,4,6-Tribromophenol	3177	0	3713		85.6	46.9	137	1630	0	0	
Surr: 2-Fluorobiphenyl	1305	0	1856		70.3	50	115	708.4	0	0	
Surr: 2-Fluorophenol	1767	0	3713		47.6	41.2	105	1140	0	0	
Surr: 4-Terphenyl-d14	1542	0	1856		83.0	51.9	126	852.1	0	0	
Surr: Nitrobenzene-d5	898.5	0	1856		48.4	40.2	113	518.3	0	0	
Surr: Phenol-d5	1832	0	3713		49.3	45	109	1146	0	0	

Qualifiers:
- > Greater than Result value
- BRL Below reporting limit
- J Estimated value detected below Reporting Limit
- Rpt Lim Reporting Limit
- < Less than Result value
- E Estimated (value above quantitation range)
- N Analyte not NELAC certified
- S Spike Recovery outside limits due to matrix
- B Analyte detected in the associated method blank
- H Holding times for preparation or analysis exceeded
- R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 242946

Sample ID: **MB-242946** Client ID:
SampleType: **MBLK** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A**
Units: **ug/Kg** BatchID: **242946**
Prep Date: **05/22/2017** Analysis Date: **05/23/2017**
Run No: **344027** Seq No: **7544977**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	BRL	33									
Aroclor 1221	BRL	33									
Aroclor 1232	BRL	33									
Aroclor 1242	BRL	33									
Aroclor 1248	BRL	33									
Aroclor 1254	BRL	33									
Aroclor 1260	BRL	33									
Surr: Decachlorobiphenyl	15.30	0	16.67		91.8	43.2	138				
Surr: Tetrachloro-m-xylene	17.74	0	16.67		106	46	128				

Sample ID: **LCS-242946** Client ID:
SampleType: **LCS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A**
Units: **ug/Kg** BatchID: **242946**
Prep Date: **05/22/2017** Analysis Date: **05/23/2017**
Run No: **344027** Seq No: **7544978**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	164.0	33	166.7		98.4	63.7	117				
Aroclor 1260	176.0	33	166.7		106	70.8	124				
Surr: Decachlorobiphenyl	15.98	0	16.67		95.9	43.2	138				
Surr: Tetrachloro-m-xylene	17.40	0	16.67		104	46	128				

Sample ID: **1705I35-002CMS** Client ID: **BIC-TS-SP2**
SampleType: **MS** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A**
Units: **ug/Kg-dry** BatchID: **242946**
Prep Date: **05/22/2017** Analysis Date: **05/23/2017**
Run No: **344027** Seq No: **7544980**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	203.2	36	179.9		113	52.8	125				
Aroclor 1260	199.6	36	179.9		111	56.4	129				
Surr: Decachlorobiphenyl	18.18	0	17.99		101	43.2	138				
Surr: Tetrachloro-m-xylene	20.92	0	17.99		116	46	128				

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 242946

Sample ID: **1705I35-002CMSD** Client ID: **BIC-TS-SP2** Units: **ug/Kg-dry** Prep Date: **05/22/2017** Run No: **344027**
SampleType: **MSD** TestCode: **POLYCHLORINATED BIPHENYLS SW8082A** BatchID: **242946** Analysis Date: **05/23/2017** Seq No: **7544981**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	199.5	36	179.9		111	52.8	125	203.2	1.84	23.8	
Aroclor 1260	191.7	36	179.9		107	56.4	129	199.6	4.03	19.2	
Surr: Decachlorobiphenyl	18.43	0	17.99		102	43.2	138	18.18	0	0	
Surr: Tetrachloro-m-xylene	20.34	0	17.99		113	46	128	20.92	0	0	

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Analytical Environmental Services, Inc

Date: 30-May-17

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 242987

Sample ID: **MB-242987** Client ID: Units: **ug/L** Prep Date: **05/23/2017** Run No: **343692**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **242987** Analysis Date: **05/23/2017** Seq No: **7536756**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 242987

Sample ID: **MB-242987** Client ID: Units: **ug/L** Prep Date: **05/23/2017** Run No: **343692**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **242987** Analysis Date: **05/23/2017** Seq No: **7536756**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	47.57	0	50.00		95.1	66.1	129				
Surr: Dibromofluoromethane	49.12	0	50.00		98.2	83.6	123				
Surr: Toluene-d8	50.89	0	50.00		102	81.8	118				

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

Date: 30-May-17

ANALYTICAL QC SUMMARY REPORT

BatchID: 242987

Sample ID: **LCS-242987** Client ID:
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** BatchID: **242987**
Prep Date: **05/23/2017** Analysis Date: **05/23/2017**
Run No: **343692** Seq No: **7536755**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	52.44	5.0	50.00		105	68	139				
Benzene	55.79	5.0	50.00		112	74	125				
Chlorobenzene	50.30	5.0	50.00	1.170	98.3	75.7	123				
Toluene	55.52	5.0	50.00		111	75.9	126				
Trichloroethene	48.24	5.0	50.00		96.5	70.6	129				
Surr: 4-Bromofluorobenzene	45.43	0	50.00		90.9	66.1	129				
Surr: Dibromofluoromethane	49.19	0	50.00		98.4	83.6	123				
Surr: Toluene-d8	50.39	0	50.00		101	81.8	118				

Sample ID: **1705J69-001AMS** Client ID:
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** BatchID: **242987**
Prep Date: **05/23/2017** Analysis Date: **05/23/2017**
Run No: **343707** Seq No: **7537013**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	31.85	5.0	50.00		63.7	64.3	149				S
Benzene	51.50	5.0	50.00		103	71.6	132				
Chlorobenzene	50.79	5.0	50.00		102	73.1	126				
Toluene	12.52	5.0	50.00		25.0	72.5	135				S
Trichloroethene	49.96	5.0	50.00		99.9	70.2	132				
Surr: 4-Bromofluorobenzene	46.74	0	50.00		93.5	66.1	129				
Surr: Dibromofluoromethane	49.52	0	50.00		99.0	83.6	123				
Surr: Toluene-d8	45.64	0	50.00		91.3	81.8	118				

Sample ID: **1705J69-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/L** BatchID: **242987**
Prep Date: **05/23/2017** Analysis Date: **05/23/2017**
Run No: **343707** Seq No: **7537017**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	22.53	5.0	50.00		45.1	64.3	149	31.85	34.3	30.8	SR
Benzene	52.33	5.0	50.00		105	71.6	132	51.50	1.60	20.7	

Qualifiers:
- > Greater than Result value
- BRL Below reporting limit
- J Estimated value detected below Reporting Limit
- Rpt Lim Reporting Limit
- < Less than Result value
- E Estimated (value above quantitation range)
- N Analyte not NELAC certified
- S Spike Recovery outside limits due to matrix
- B Analyte detected in the associated method blank
- H Holding times for preparation or analysis exceeded
- R RPD outside limits due to matrix

ANALYTICAL QC SUMMARY REPORT

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

BatchID: 242987

Sample ID: **1705J69-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**

Units: **ug/L** Prep Date: **05/23/2017** Run No: **343707**
BatchID: **242987** Analysis Date: **05/23/2017** Seq No: **7537017**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	51.11	5.0	50.00		102	73.1	126	50.79	0.628	26.6	
Toluene	BRL	5.0	50.00		8.18	72.5	135	12.52	0	23.2	S
Trichloroethene	50.77	5.0	50.00		102	70.2	132	49.96	1.61	27.7	
Surr: 4-Bromofluorobenzene	47.60	0	50.00		95.2	66.1	129	46.74	0	0	
Surr: Dibromofluoromethane	49.37	0	50.00		98.7	83.6	123	49.52	0	0	
Surr: Toluene-d8	45.11	0	50.00		90.2	81.8	118	45.64	0	0	

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 242993

Sample ID: **MB-242993** Client ID: Units: **ug/Kg** Prep Date: **05/23/2017** Run No: **343958**
SampleType: **MBLK** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **242993** Analysis Date: **05/24/2017** Seq No: **7543576**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDD	BRL	3.3									
4,4´-DDE	BRL	3.3									
4,4´-DDT	BRL	3.3									
Aldrin	BRL	1.7									
alpha-BHC	BRL	1.7									
alpha-Chlordane	BRL	1.7									
beta-BHC	BRL	1.7									
delta-BHC	BRL	1.7									
Dieldrin	BRL	3.3									
Endosulfan I	BRL	1.7									
Endosulfan II	BRL	3.3									
Endosulfan sulfate	BRL	3.3									
Endrin	BRL	3.3									
Endrin aldehyde	BRL	3.3									
Endrin ketone	BRL	3.3									
gamma-BHC	BRL	1.7									
gamma-Chlordane	BRL	1.7									
Heptachlor	BRL	1.7									
Heptachlor epoxide	BRL	1.7									
Methoxychlor	BRL	17									
Toxaphene	BRL	170									
Surr: Decachlorobiphenyl	13.97	0	16.67		83.8	45	128				
Surr: Tetrachloro-m-xylene	10.59	0	16.67		63.5	46	120				

Sample ID: **LCS-242993** Client ID: Units: **ug/Kg** Prep Date: **05/23/2017** Run No: **343958**
SampleType: **LCS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **242993** Analysis Date: **05/24/2017** Seq No: **7544053**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 242993

Sample ID: **LCS-242993** Client ID: Units: **ug/Kg** Prep Date: **05/23/2017** Run No: **343958**
SampleType: **LCS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **242993** Analysis Date: **05/24/2017** Seq No: **7544053**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	33.27	3.3	33.33		99.8	70.3	129				
Aldrin	29.56	1.7	33.33		88.7	57.8	120				
Dieldrin	30.14	3.3	33.33		90.4	66.3	118				
Endrin	34.92	3.3	33.33		105	66.9	130				
gamma-BHC	29.38	1.7	33.33		88.2	58.7	119				
Heptachlor	28.80	1.7	33.33		86.4	60.3	120				
Surr: Decachlorobiphenyl	13.96	0	16.67		83.8	45	128				
Surr: Tetrachloro-m-xylene	11.33	0	16.67		68.0	46	120				

Sample ID: **1705J14-011AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **05/23/2017** Run No: **344128**
SampleType: **MS** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **242993** Analysis Date: **05/24/2017** Seq No: **7551487**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	71.10	3.4	34.36	145.8	-217	47.4	135				S
Aldrin	21.03	1.7	34.36		61.2	56.8	120				
Dieldrin	24.78	3.4	34.36		72.1	54.9	122				
Endrin	30.23	3.4	34.36		88.0	61.7	127				
gamma-BHC	21.51	1.7	34.36		62.6	59.4	120				
Heptachlor	20.75	1.7	34.36		60.4	53.7	124				
Surr: Decachlorobiphenyl	8.931	0	17.18		52.0	45	128				
Surr: Tetrachloro-m-xylene	9.055	0	17.18		52.7	46	120				

Sample ID: **1705J14-011AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **05/23/2017** Run No: **344128**
SampleType: **MSD** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **242993** Analysis Date: **05/24/2017** Seq No: **7551488**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
4,4´-DDT	76.77	3.4	34.36	145.8	-201	47.4	135	71.10	7.66	26.8	S
Aldrin	25.66	1.7	34.36		74.7	56.8	120	21.03	19.8	27.6	

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 242993

Sample ID: **1705J14-011AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **05/23/2017** Run No: **344128**
SampleType: **MSD** TestCode: **CHLORINATED PESTICIDES, TCL SW8081B** BatchID: **242993** Analysis Date: **05/24/2017** Seq No: **7551488**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Dieldrin	26.23	3.4	34.36		76.3	54.9	122	24.78	5.68	23.7	
Endrin	35.52	3.4	34.36		103	61.7	127	30.23	16.1	25.8	
gamma-BHC	27.16	1.7	34.36		79.0	59.4	120	21.51	23.2	25.2	
Heptachlor	25.32	1.7	34.36		73.7	53.7	124	20.75	19.8	25	
Surr: Decachlorobiphenyl	9.293	0	17.18		54.1	45	128	8.931	0	0	
Surr: Tetrachloro-m-xylene	11.31	0	17.18		65.8	46	120	9.055	0	0	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 242997

Sample ID: **MB-242997** Client ID: Units: **mg/Kg** Prep Date: **05/26/2017** Run No: **344143**
SampleType: **MBLK** TestCode: **TOTAL MERCURY SW7471B** BatchID: **242997** Analysis Date: **05/26/2017** Seq No: **7548476**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: **LCS-242997** Client ID: Units: **mg/Kg** Prep Date: **05/26/2017** Run No: **344143**
SampleType: **LCS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **242997** Analysis Date: **05/26/2017** Seq No: **7548477**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.3874	0.100	0.4000		96.9	80	120				

Sample ID: **1705I35-003DMS** Client ID: **BIC-TS-SP3** Units: **mg/Kg-dry** Prep Date: **05/26/2017** Run No: **344143**
SampleType: **MS** TestCode: **TOTAL MERCURY SW7471B** BatchID: **242997** Analysis Date: **05/26/2017** Seq No: **7548479**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4153	0.0968	0.3874	0.03931	97.0	70	130				

Sample ID: **1705I35-003DMSD** Client ID: **BIC-TS-SP3** Units: **mg/Kg-dry** Prep Date: **05/26/2017** Run No: **344143**
SampleType: **MSD** TestCode: **TOTAL MERCURY SW7471B** BatchID: **242997** Analysis Date: **05/26/2017** Seq No: **7548480**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.4248	0.0963	0.3853	0.03931	100	70	130	0.4153	2.27	30	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Analytical Environmental Services, Inc

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

Date: 30-May-17

ANALYTICAL QC SUMMARY REPORT

BatchID: 243033

Sample ID: **MB-243033** Client ID:
SampleType: **MBLK** TestCode: **ICP METALS, TCLP SW1311/6010C**
Units: **mg/L** BatchID: **243033**
Prep Date: **05/23/2017** Analysis Date: **05/23/2017**
Run No: **343751** Seq No: **7538274**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	0.250									
Barium	BRL	0.500									
Cadmium	BRL	0.0250									
Chromium	BRL	0.0500									
Lead	BRL	0.0500									
Selenium	BRL	0.100									
Silver	BRL	0.0250									

Sample ID: **LCS-243033** Client ID:
SampleType: **LCS** TestCode: **ICP METALS, TCLP SW1311/6010C**
Units: **mg/L** BatchID: **243033**
Prep Date: **05/23/2017** Analysis Date: **05/23/2017**
Run No: **343751** Seq No: **7538275**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	4.794	0.250	5.000		95.9	80	120				
Barium	4.541	0.500	5.000		90.8	80	120				
Cadmium	4.801	0.0250	5.000		96.0	80	120				
Chromium	4.561	0.0500	5.000		91.2	80	120				
Lead	4.478	0.0500	5.000		89.6	80	120				
Selenium	4.893	0.100	5.000		97.9	80	120				
Silver	0.4728	0.0250	0.5000		94.6	80	120				

Sample ID: **1705J95-001CMS** Client ID:
SampleType: **MS** TestCode: **ICP METALS, TCLP SW1311/6010C**
Units: **mg/L** BatchID: **243033**
Prep Date: **05/23/2017** Analysis Date: **05/23/2017**
Run No: **343751** Seq No: **7538277**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	4.665	0.250	5.000		93.3	50	150				
Barium	4.541	0.500	5.000	0.1558	87.7	50	150				
Cadmium	4.669	0.0250	5.000		93.4	50	150				
Chromium	4.431	0.0500	5.000		88.6	50	150				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ANALYTICAL QC SUMMARY REPORT

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

BatchID: 243033

Sample ID: **1705J95-001CMS** Client ID:
SampleType: **MS** TestCode: **ICP METALS, TCLP SW1311/6010C**
Units: **mg/L** BatchID: **243033**
Prep Date: **05/23/2017** Analysis Date: **05/23/2017**
Run No: **343751** Seq No: **7538277**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	4.390	0.0500	5.000	0.04155	87.0	50	150				
Selenium	4.721	0.100	5.000		94.4	50	150				
Silver	0.4576	0.0250	0.5000		91.5	50	150				

Sample ID: **1705J95-001CMSD** Client ID:
SampleType: **MSD** TestCode: **ICP METALS, TCLP SW1311/6010C**
Units: **mg/L** BatchID: **243033**
Prep Date: **05/23/2017** Analysis Date: **05/23/2017**
Run No: **343751** Seq No: **7538280**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	4.738	0.250	5.000		94.8	50	150	4.665	1.55	30	
Barium	4.566	0.500	5.000	0.1558	88.2	50	150	4.541	0.560	30	
Cadmium	4.695	0.0250	5.000		93.9	50	150	4.669	0.564	30	
Chromium	4.456	0.0500	5.000		89.1	50	150	4.431	0.574	30	
Lead	4.442	0.0500	5.000	0.04155	88.0	50	150	4.390	1.19	30	
Selenium	4.746	0.100	5.000		94.9	50	150	4.721	0.544	30	
Silver	0.4616	0.0250	0.5000		92.3	50	150	0.4576	0.881	30	

Qualifiers:
- > Greater than Result value
- BRL Below reporting limit
- J Estimated value detected below Reporting Limit
- Rpt Lim Reporting Limit
- < Less than Result value
- E Estimated (value above quantitation range)
- N Analyte not NELAC certified
- S Spike Recovery outside limits due to matrix
- B Analyte detected in the associated method blank
- H Holding times for preparation or analysis exceeded
- R RPD outside limits due to matrix

Date: 30-May-17

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 243084

Sample ID: **MB-243084** Client ID:
SampleType: **MBLK** TestCode: **CHLORINATED HERBICIDES SW8151A**
Units: **ug/Kg** BatchID: **243084**
Prep Date: **05/24/2017** Analysis Date: **05/26/2017**
Run No: **344050** Seq No: **7547081**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4,5-T	BRL	33									
2,4,5-TP (Silvex)	BRL	33									
2,4-D	BRL	33									
2,4-DB	BRL	170									
Dalapon	BRL	330									
Dicamba	BRL	33									
Dichlorprop	BRL	33									
Dinoseb	BRL	85									
MCPA	BRL	3300									
MCPP	BRL	3300									
Surr: DCAA	193.9	0	166.7		116	46.5	135				

Sample ID: **LCS-243084** Client ID:
SampleType: **LCS** TestCode: **CHLORINATED HERBICIDES SW8151A**
Units: **ug/Kg** BatchID: **243084**
Prep Date: **05/24/2017** Analysis Date: **05/25/2017**
Run No: **344050** Seq No: **7545885**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4,5-T	149.1	33	166.7		89.4	47.3	121				
2,4,5-TP (Silvex)	145.5	33	166.7		87.3	54	119				
2,4-D	163.0	33	166.7		97.8	38.2	129				
Dicamba	168.5	33	166.7		101	58.4	120				
Dichlorprop	161.0	33	166.7		96.6	48.1	118				
Surr: DCAA	154.7	0	166.7		92.8	46.5	135				

Sample ID: **1705I35-002CMS** Client ID: **BIC-TS-SP2**
SampleType: **MS** TestCode: **CHLORINATED HERBICIDES SW8151A**
Units: **ug/Kg-dry** BatchID: **243084**
Prep Date: **05/24/2017** Analysis Date: **05/25/2017**
Run No: **344050** Seq No: **7545891**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4,5-T	153.5	36	179.9		85.3	46.1	123				

Qualifiers:
- > Greater than Result value
- BRL Below reporting limit
- J Estimated value detected below Reporting Limit
- Rpt Lim Reporting Limit
- < Less than Result value
- E Estimated (value above quantitation range)
- N Analyte not NELAC certified
- S Spike Recovery outside limits due to matrix
- B Analyte detected in the associated method blank
- H Holding times for preparation or analysis exceeded
- R RPD outside limits due to matrix

ANALYTICAL QC SUMMARY REPORT

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

BatchID: 243084

Sample ID: **1705I35-002CMS** Client ID: **BIC-TS-SP2** Units: **ug/Kg-dry** Prep Date: **05/24/2017** Run No: **344050**
SampleType: **MS** TestCode: **CHLORINATED HERBICIDES SW8151A** BatchID: **243084** Analysis Date: **05/25/2017** Seq No: **7545891**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4,5-TP (Silvex)	151.4	36	179.9		84.2	55	123				
2,4-D	167.7	36	179.9		93.2	45.1	125				
Dicamba	181.1	36	179.9		101	50.5	120				
Dichlorprop	161.1	36	179.9		89.5	47.2	125				
Surr: DCAA	173.2	0	179.9		96.3	46.5	135				

Sample ID: **1705I35-002CMSD** Client ID: **BIC-TS-SP2** Units: **ug/Kg-dry** Prep Date: **05/24/2017** Run No: **344050**
SampleType: **MSD** TestCode: **CHLORINATED HERBICIDES SW8151A** BatchID: **243084** Analysis Date: **05/26/2017** Seq No: **7545892**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4,5-T	157.4	36	179.9		87.5	46.1	123	153.5	2.50	42.6	
2,4,5-TP (Silvex)	156.4	36	179.9		86.9	55	123	151.4	3.24	31.7	
2,4-D	171.2	36	179.9		95.2	45.1	125	167.7	2.07	31.9	
Dicamba	195.5	36	179.9		109	50.5	120	181.1	7.65	29.9	
Dichlorprop	166.6	36	179.9		92.6	47.2	125	161.1	3.36	33.9	
Surr: DCAA	174.5	0	179.9		97.0	46.5	135	173.2	0	0	

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 243100

Sample ID: **MB-243100** Client ID: Units: **mg/L** Prep Date: **05/24/2017** Run No: **343892**
SampleType: **MBLK** TestCode: **MERCURY, TCLP SW1311/7470A** BatchID: **243100** Analysis Date: **05/24/2017** Seq No: **7541569**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.00400									

Sample ID: **LCS-243100** Client ID: Units: **mg/L** Prep Date: **05/24/2017** Run No: **343892**
SampleType: **LCS** TestCode: **MERCURY, TCLP SW1311/7470A** BatchID: **243100** Analysis Date: **05/24/2017** Seq No: **7541570**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.04012	0.00400	0.0400		100	80	120				

Sample ID: **1705H71-001BMS** Client ID: Units: **mg/L** Prep Date: **05/24/2017** Run No: **343892**
SampleType: **MS** TestCode: **MERCURY, TCLP SW1311/7470A** BatchID: **243100** Analysis Date: **05/24/2017** Seq No: **7541572**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.04229	0.00400	0.0400		106	80	120				

Sample ID: **1705H71-001BMSD** Client ID: Units: **mg/L** Prep Date: **05/24/2017** Run No: **343892**
SampleType: **MSD** TestCode: **MERCURY, TCLP SW1311/7470A** BatchID: **243100** Analysis Date: **05/24/2017** Seq No: **7541573**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.04193	0.00400	0.0400		105	80	120	0.04229	0.853	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 243126

Sample ID: **MB-243126** Client ID: Units: **mg/Kg** Prep Date: **05/24/2017** Run No: **344116**
SampleType: **MBLK** TestCode: **METALS, TOTAL SW6010D** BatchID: **243126** Analysis Date: **05/26/2017** Seq No: **7548125**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	BRL	5.00									
Barium	BRL	5.00									
Cadmium	BRL	2.50									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	5.00									
Silver	BRL	2.50									

Sample ID: **LCS-243126** Client ID: Units: **mg/Kg** Prep Date: **05/24/2017** Run No: **344116**
SampleType: **LCS** TestCode: **METALS, TOTAL SW6010D** BatchID: **243126** Analysis Date: **05/26/2017** Seq No: **7548126**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	45.11	5.00	50.00		90.2	80	120				
Barium	50.05	5.00	50.00		100	80	120				
Cadmium	47.61	2.50	50.00		95.2	80	120				
Chromium	50.28	2.50	50.00	0.04000	100	80	120				
Lead	47.78	5.00	50.00	0.1415	95.3	80	120				
Selenium	40.73	5.00	50.00		81.5	80	120				
Silver	4.920	2.50	5.000		98.4	80	120				

Sample ID: **1705I35-003DMS** Client ID: **BIC-TS-SP3** Units: **mg/Kg-dry** Prep Date: **05/24/2017** Run No: **344116**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **243126** Analysis Date: **05/26/2017** Seq No: **7548130**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	33.13	3.86	38.65		85.7	75	125				
Barium	56.65	3.86	38.65		147	75	125				S
Cadmium	34.65	1.93	38.65		89.7	75	125				
Chromium	42.75	1.93	38.65		111	75	125				

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 243126

Sample ID: **1705I35-003DMS** Client ID: **BIC-TS-SP3** Units: **mg/Kg-dry** Prep Date: **05/24/2017** Run No: **344116**
SampleType: **MS** TestCode: **METALS, TOTAL SW6010D** BatchID: **243126** Analysis Date: **05/26/2017** Seq No: **7548130**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	44.65	3.86	38.65		116	75	125				
Selenium	27.18	3.86	38.65		70.3	75	125				S
Silver	3.530	1.93	3.865		91.3	75	125				

Sample ID: **1705I35-003DMSD** Client ID: **BIC-TS-SP3** Units: **mg/Kg-dry** Prep Date: **05/24/2017** Run No: **344116**
SampleType: **MSD** TestCode: **METALS, TOTAL SW6010D** BatchID: **243126** Analysis Date: **05/26/2017** Seq No: **7548131**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	33.42	3.85	38.49		86.8	75	125	0	0	20	
Barium	58.47	3.85	38.49		152	75	125	0	0	20	S
Cadmium	35.29	1.92	38.49		91.7	75	125	0	0	20	
Chromium	43.78	1.92	38.49		114	75	125	0	0	20	
Lead	45.73	3.85	38.49		119	75	125	0	0	20	
Selenium	27.38	3.85	38.49		71.1	75	125	0	0	20	S
Silver	3.564	1.92	3.849		92.6	75	125	0	0	20	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

ANALYTICAL QC SUMMARY REPORT

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

BatchID: 243244

Sample ID: **MB-243244** Client ID:
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/Kg** BatchID: **243244**
Prep Date: **05/25/2017** Analysis Date: **05/25/2017**
Run No: **344038** Seq No: **7545568**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	5.0									
1,1,2,2-Tetrachloroethane	BRL	5.0									
1,1,2-Trichloroethane	BRL	5.0									
1,1-Dichloroethane	BRL	5.0									
1,1-Dichloroethene	BRL	5.0									
1,2,4-Trichlorobenzene	BRL	5.0									
1,2-Dibromo-3-chloropropane	BRL	5.0									
1,2-Dibromoethane	BRL	5.0									
1,2-Dichlorobenzene	BRL	5.0									
1,2-Dichloroethane	BRL	5.0									
1,2-Dichloropropane	BRL	5.0									
1,3-Dichlorobenzene	BRL	5.0									
1,4-Dichlorobenzene	BRL	5.0									
2-Butanone	BRL	50									
2-Hexanone	BRL	10									
4-Methyl-2-pentanone	BRL	10									
Acetone	BRL	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									

Qualifiers:
> Greater than Result value
BRL Below reporting limit
J Estimated value detected below Reporting Limit
Rpt Lim Reporting Limit
< Less than Result value
E Estimated (value above quantitation range)
N Analyte not NELAC certified
S Spike Recovery outside limits due to matrix
B Analyte detected in the associated method blank
H Holding times for preparation or analysis exceeded
R RPD outside limits due to matrix

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 243244

Sample ID: **MB-243244** Client ID: Units: **ug/Kg** Prep Date: **05/25/2017** Run No: **344038**
SampleType: **MBLK** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **243244** Analysis Date: **05/25/2017** Seq No: **7545568**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	20									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	10									
Surr: 4-Bromofluorobenzene	48.09	0	50.00		96.2	63	125				
Surr: Dibromofluoromethane	47.74	0	50.00		95.5	69.9	123				
Surr: Toluene-d8	49.46	0	50.00		98.9	70	122				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 243244

Sample ID: **LCS-243244** Client ID: Units: **ug/Kg** Prep Date: **05/25/2017** Run No: **344038**
SampleType: **LCS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **243244** Analysis Date: **05/25/2017** Seq No: **7545570**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	44.12	5.0	50.00		88.2	62	142				
Benzene	46.66	5.0	50.00		93.3	70.2	131				
Chlorobenzene	45.05	5.0	50.00		90.1	72.9	129				
Toluene	47.51	5.0	50.00		95.0	70.6	131				
Trichloroethene	43.97	5.0	50.00		87.9	70.1	136				
Surr: 4-Bromofluorobenzene	46.69	0	50.00		93.4	63	125				
Surr: Dibromofluoromethane	46.68	0	50.00		93.4	69.9	123				
Surr: Toluene-d8	49.36	0	50.00		98.7	70	122				

Sample ID: **1705N40-001AMS** Client ID: Units: **ug/Kg-dry** Prep Date: **05/25/2017** Run No: **344038**
SampleType: **MS** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **243244** Analysis Date: **05/25/2017** Seq No: **7545937**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	56.34	6.2	61.72		91.3	55	143				
Benzene	60.46	6.2	61.72		98.0	68.5	128				
Chlorobenzene	56.68	6.2	61.72		91.8	67.7	126				
Toluene	58.20	6.2	61.72		94.3	66.9	128				
Trichloroethene	56.85	6.2	61.72		92.1	60.7	133				
Surr: 4-Bromofluorobenzene	61.10	0	61.72		99.0	63	125				
Surr: Dibromofluoromethane	61.81	0	61.72		100	69.9	123				
Surr: Toluene-d8	60.52	0	61.72		98.1	70	122				

Sample ID: **1705N40-001AMSD** Client ID: Units: **ug/Kg-dry** Prep Date: **05/25/2017** Run No: **344038**
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B** BatchID: **243244** Analysis Date: **05/25/2017** Seq No: **7545946**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	57.12	6.2	61.72		92.5	55	143	56.34	1.37	19.3	
Benzene	58.83	6.2	61.72		95.3	68.5	128	60.46	2.73	20	

Qualifiers:
> Greater than Result value
< Less than Result value
B Analyte detected in the associated method blank
BRL Below reporting limit
E Estimated (value above quantitation range)
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Rpt Lim Reporting Limit
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Client: CMC, Inc.
Project Name: Burlington Industries Cheraw
Workorder: 1705I35

ANALYTICAL QC SUMMARY REPORT

BatchID: 243244

Sample ID: **1705N40-001AMSD** Client ID:
SampleType: **MSD** TestCode: **TCL VOLATILE ORGANICS SW8260B**
Units: **ug/Kg-dry** Prep Date: **05/25/2017** Run No: **344038**
BatchID: **243244** Analysis Date: **05/25/2017** Seq No: **7545946**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	55.12	6.2	61.72		89.3	67.7	126	56.68	2.80	20	
Toluene	57.71	6.2	61.72		93.5	66.9	128	58.20	0.852	20	
Trichloroethene	56.15	6.2	61.72		91.0	60.7	133	56.85	1.22	20	
Surr: 4-Bromofluorobenzene	60.75	0	61.72		98.4	63	125	61.10	0	0	
Surr: Dibromofluoromethane	61.15	0	61.72		99.1	69.9	123	61.81	0	0	
Surr: Toluene-d8	61.61	0	61.72		99.8	70	122	60.52	0	0	

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Cody, Karen

From: Mann, Teresa
Sent: Thursday, July 6, 2017 2:31 PM
To: Ware, Ethan
Cc: Luetscher, Greg; King, Jessica
Subject: RE: Highland performance of work at the Burlington Industries Cheraw Site

That time works for us. We will call you then.

Thank you.
Teresa

From: Ware, Ethan [mailto:eware@williamsmullen.com]
Sent: Thursday, July 06, 2017 2:21 PM
To: Mann, Teresa <Mann.Teresa@epa.gov>
Cc: Luetscher, Greg <Luetscher.Greg@epa.gov>; King, Jessica <jking@williamsmullen.com>
Subject: RE: Highland performance of work at the Burlington Industries Cheraw Site

Ms. Mann-

Please plan to call the office here at 2:45 today, if that time works for you. The direct line is 803-567-4610.

Ethan Ware.

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Thank you.
Teresa Mann

Teresa Mann
U.S.EPA, Region 4
(404) 562-9572

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Cc: King, Jessica <jking@williamsmullen.com>
Subject: RE: Attached: Attendee list for the Burlington Industries Meeting on 6/20/17 [IWOV-IWOVRIC.FID1622654]

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Please confirm for us as soon as possible the revised schedule. We apologize for the push back of 3 days, but the July 4th week is traditionally a time for plant shutdown in the textile industry.

All the Best,
Ethan.

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Subject: Attached: Attendee list for the Burlington Industries Meeting on 6/20/17

For your files. Thanks.
Greg

Gregory D. Luetscher
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U.S. EPA Region 4

61 Forsyth St. S.W.
Atlanta, GA 30303
(404) 562-9677

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Sent: Tuesday, June 20, 2017 3:23 PM
To: Luetscher, Greg <Luetscher.Greg@epa.gov>
Subject: Attendee list

Cody, Karen

From: Mann, Teresa
Sent: Thursday, July 6, 2017 2:29 PM
To: Ware, Ethan
Cc: Luetscher, Greg; King, Jessica
Subject: RE: Highland performance of work at the Burlington Industries Cheraw Site

I believe that will work. I am checking with Greg now and will get back to you as soon as I can.

Thank you.
Teresa

From: Ware, Ethan [mailto:eware@williamsmullen.com]
Sent: Thursday, July 06, 2017 2:21 PM
To: Mann, Teresa <Mann.Teresa@epa.gov>
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