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January 17, 2020

Diane Czarnecki  
Industrial Hygienist  
Facilities Management Division  
GSA Public Buildings Service - Heartland Region  
2300 Main Street, Kansas City, MO 64108

**RE: Goodfellow Federal Center – Bldg. # 105 Drinking Water Sampling (Revised)  
Project # 919103**

Dear Ms. Czarnecki:

Thank you for the opportunity to provide the General Services Administration (GSA) with the above referenced environmental sampling activities. The following is our report.

**INTRODUCTION**

As requested, OCCU-TEC, Inc. (OCCU-TEC) conducted drinking water sampling for the presence of polychlorinated biphenyls (PCBs) and polycyclic aromatic hydrocarbons (PAHs) at Building #105 of the Goodfellow Federal Center (GFC) located at 4300 Goodfellow Federal Boulevard in St. Louis, Missouri. Sampling was completed in response to the ongoing environmental condition assessment at the GFC which is documented at the GFC Reading Room located at:  
<https://www.gsa.gov/portal/content/212361>.

Drinking water sampling was conducted to determine if levels of PCBs and PAHs exist in representative sources throughout the complex. Drinking water sampling at Bldg. #105 was conducted on September 11, 2019 and September 12, 2019 by Mr. Austin O’Byrne of OCCU-TEC.

**METHODOLOGY**

The samples were collected in individually labeled dedicated laboratory provided one (1) liter (L) glass amber bottles and 44.7 milliliter (mL) volatile organic analysis (VOA) vials with Teflon septa lined screw caps. One (1) liter bottles were filled to the shoulder and capped. VOA vials were filled until a positive meniscus was achieved, and the cap was placed on the vial to prevent airspace. One (1) liter bottles and VOA vials were preserved

with laboratory provided preservative and placed on ice for shipment. The samples were then shipped overnight to Eurofins-Eaton Analytical in South Bend, Indiana for analysis. Eurofins-Eaton Analytical is certified by the State of Missouri Department of Natural Resources (MDNR) as an approved drinking water laboratory. Eurofins-Eaton Analytical's Missouri Certification number is 880.

Drinking water sampling for the presence of PCBs and PAHs was conducted at forty-three (43) distinct locations within Building #105. A total of forty-seven (47) samples were obtained including duplicate samples.

PCB samples were analyzed as per EPA Method 505 "Analysis of Organohalide Pesticides and Commercial Polychlorinated Biphenyl Products in water by Microextraction and Gas Chromatography." PAH samples were analyzed by EPA Method 525.2 "Determination of Organic Compounds in Drinking Water by Liquid-Solid Extraction and Capillary Column Gas Chromatography/Mass Spectrometry."

## **RESULTS AND DISCUSSION**

A summary table of all sampling locations is included in Appendix A. The complete laboratory report for the drinking water sampling from Eurofins-Eaton Analytical is attached in Appendix B.

### *PCBs*

All samples were below the maximum contaminant level (MCL) and the minimum reporting level (MRL) for the analytical method used. Please note that for samples 105-W-37, 105-W-38, 105-W-39, & 105-W-40, the PCB analytical results could not be validated by the laboratory. Despite the samples being expedited and shipped on ice, the samples arrived at the laboratory in South Bend, Indiana above the acceptable temperature. See the Note within the Report Summary for these samples.

### *PAHs*

All samples were below the maximum contaminant level (MCL) and the minimum reporting level (MRL) for the analytical method used.

Due to laboratory Quality Assurance (QA) / Quality Control (QC) failures, not all results could be confidently assigned for all samples. The results for Anthracene could not be validated for samples 105-W-07, 105-DW-07, 105-W-29, 105-W-30, 105-W-31, 105-W-32, 105-W-33, 105-W-34, & 105-W-35. Please see the Note within the Report Summary for these samples and the attached memo "Method 525.2 LFB Recoveries" from Eurofins

– Eaton Analytical. Additionally, sample 105-W-07R was not be analyzed due to sample arriving at the laboratory in South Bend, Indiana above the acceptable temperature.

## **LIMITATIONS**

The scope of this assessment was limited in nature. OCCU-TEC collected samples from a select number of drinking water sources in an effort to minimize cost while providing a general overview of the drinking water quality at the site. Sample locations do not encompass every drinking water source at the site. Samples were only analyzed for PCBs and PAHs in accordance with the scope of services requested by GSA. OCCU-TEC is not responsible for potential contaminants not identified in this report.

This report was prepared for the sole use of GSA. Reliance by any party other than GSA is expressly forbidden without OCCU-TEC’s written permission. Any parties relying on the report, with OCCU-TEC’s written permission, are bound by the terms and conditions outlined in the original proposal as if said proposal was prepared for them.

OCCU-TEC appreciates the opportunity to work with the GSA on this project. Please contact us if you have any questions regarding this report or if we may be of any additional service.

Sincerely,

(b) (6)

Jeff T. Smith  
Senior Project Manager

(b) (6)

Kevin Heriford  
Environmental Operations Manager (QA/QC)

## **ATTACHMENTS**

Appendix A, Sample Summary by Location  
Appendix B, Water Sample Laboratory Report

**Goodfellow Federal Center - Building 105**

<b>Sample Number</b>	<b>Location</b>	<b>Water Source</b>	<b>Analyte</b>
105-W-01	1st Floor Column A48 - East Wall	Sink	PCBs ----- PAHs
105-W-02	1st Floor Column A47- East Wall	Spray Nozzle	PCBs ----- PAHs
105-W-03	1st Floor Column A46 - North Wall	Sink	PCBs ----- PAHs
105-W-04	1st Floor Column A46 - North Wall (Duplicate)	Sink	PCBs ----- PAHs
105-W-05	1st Floor Column B43 - Right Side	Drinking Fountain	PCBs ----- PAHs
105-W-06	1st Floor Column B43 - Left Side	Drinking Fountain	PCBs ----- PAHs
105-W-07	1st Floor Column B31	Drinking Fountain	PCBs ----- PAHs
105-W-08	1st Floor B19 - Right Side	Drinking Fountain	PCBs ----- PAHs
105-W-09	1st Floor B19 - Left Side	Drinking Fountain	PCBs ----- PAHs
105-W-10	1st Floor Column A10	Sink	PCBs ----- PAHs
105-W-11	1st Floor Column B6 - Left Side	Drinking Fountain	PCBs ----- PAHs
105-W-12	2nd Floor Column H9 - Right Side	Drinking Fountain	PCBs ----- PAHs
105-W-13	2nd Floor Column A18	Sink	PCBs ----- PAHs
105-W-14	2nd Floor Column A18 (Duplicate)	Sink	PCBs ----- PAHs
105-W-15	2nd Floor Column B19 - Left Side	Drinking Fountain	PCBs ----- PAHs
105-W-16	2nd Floor Column B19 - Right Side	Drinking Fountain	PCBs ----- PAHs
105-W-17	2nd Floor Column A30	Sink	PCBs ----- PAHs
105-W-18	2nd Floor Column B31	Drinking Fountain	PCBs ----- PAHs
105-W-19	2nd Floor Column B43 - Left Side	Drinking Fountain	PCBs ----- PAHs

Sample Number	Location	Water Source	Analyte
105-W-20	2nd Floor Column B43 - Right Side	Drinking Fountain	PCBs ----- PAHs
105-W-21	2nd Floor Column B47 - Room 323 Left Tap	Sink	PCBs ----- PAHs
105-W-22	2nd Floor Column C46 - Room 321	Sink	PCBs ----- PAHs
105-W-23	2nd Floor Column E47 - Room 337 - South Wall - Left Tap	Sink	PCBs ----- PAHs
105-W-24	2nd Floor Column E47 - Room 337 - North Wall - Left Tap	Sink	PCBs ----- PAHs
105-W-25	2nd Floor Column G46 - Room 348 - West Wall Left Tap	Sink	PCBs ----- PAHs
105-W-26	2nd Floor Column F49 - Room 347 - South Side Left Tap	Sink	PCBs ----- PAHs
105-W-27	2nd Floor Column F48 - Room 347 - East Wall - Left Tap	Sink	PCBs ----- PAHs
105-W-28	2nd Floor Column E48 - Room 339 - North Wall - Left Tap	Sink	PCBs ----- PAHs
105-W-29	2nd Floor Column E48 - Room 339 - North Wall - Left Tap (Duplicate)	Sink	PCBs ----- PAHs
105-W-30	2nd Floor Column E49 - Room 340 - North Wall - Right Tap	Sink	PCBs ----- PAHs
105-W-31	2nd Floor Column D51 - Room 328 - South Wall - Left Tap	Sink	PCBs ----- PAHs
105-W-32	2nd Floor Column D51 - Room 328 - East Side - Right Tap	Sink	PCBs ----- PAHs
105-W-33	2nd Floor Column D49 - Room 324 - Left Tap	Sink	PCBs ----- PAHs
105-W-34	2nd Floor Column C48 - Room 324 - West Wall Left Tap	Sink	PCBs ----- PAHs
105-W-35	2nd Floor Column G42 - Room 306 - North Island - West End	Sink	PCBs ----- PAHs
105-W-36	2nd Floor Column G42 - Room 306 - South Island - West End	Sink	PCBs ----- PAHs
105-W-37	2nd Floor Column D42 - Room 319 - North Wall - Left Tap	Sink	PCBs ----- PAHs
105-W-38	2nd Floor Column C43 - Room 319 - South Wall - Left Tap	Sink	PCBs ----- PAHs
105-W-39	2nd Floor Column C41 - Room 318 - North Wall - Left Tap	Sink	PCBs ----- PAHs

<b>Sample Number</b>	<b>Location</b>	<b>Water Source</b>	<b>Analyte</b>
105-W-40	2nd Floor Column C41 - Room 318 - North Wall - Left Tap (Duplicate)	Sink	PCBs ----- PAHs
105-W-41	2nd Floor Column E41 - Room 314 - Southeast Corner - Right Tap	Sink	PCBs ----- PAHs
105-W-42	2nd Floor Column F41 - Room 312 - South Wall - Right Tap	Sink	PCBs ----- PAHs
105-W-43	2nd Floor Column D39 - Room 315 - North Wall - Right Tap	Sink	PCBs ----- PAHs
105-W-44	2nd Floor Column D38 - Room 315 - South Wall - Right Tap	Sink	PCBs ----- PAHs
105-W-45	2nd Floor Column H51 - West Wall - Left Tap	Sink	PCBs ----- PAHs
105-W-46	2nd Floor Column H51 - Right Side	Drinking Fountain	PCBs ----- PAHs
105-W-47	1st Floor Column H51 - Right Side	Drinking Fountain	PCBs ----- PAHs

## LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

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## STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

\*NELAP/TNI Recognized Accreditation Bodies



110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith  
 2604 NE Industrial Drive  
 Suite 230  
 North Kansas City, MO 64117

Report: 465220  
 Priority: Standard Written  
 Status: Final  
 PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419407	105-W-01	505	09/11/19 08:55	Client	09/13/19 08:45
4419435	105-W-01	525.2	09/11/19 08:55	Client	09/13/19 08:45
4419408	105-W-02	505	09/11/19 09:00	Client	09/13/19 08:45
4419436	105-W-02	525.2	09/11/19 09:00	Client	09/13/19 08:45
4419409	105-W-03	505	09/11/19 09:06	Client	09/13/19 08:45
4419437	105-W-03	525.2	09/11/19 09:06	Client	09/13/19 08:45
4419410	105-W-04	505	09/11/19 09:10	Client	09/13/19 08:45
4419438	105-W-04	525.2	09/11/19 09:10	Client	09/13/19 08:45
4419411	105-W-05	505	09/11/19 09:16	Client	09/13/19 08:45
4419439	105-W-05	525.2	09/11/19 09:16	Client	09/13/19 08:45
4419412	105-W-06	505	09/11/19 09:21	Client	09/13/19 08:45
4419440	105-W-06	525.2	09/11/19 09:21	Client	09/13/19 08:45
4419413	105-W-07	505	09/11/19 09:29	Client	09/13/19 08:45
4419414	105-W-08	505	09/11/19 09:49	Client	09/13/19 08:45
4419442	105-W-08	525.2	09/11/19 09:49	Client	09/13/19 08:45
4419415	105-W-09	505	09/11/19 09:55	Client	09/13/19 08:45
4419443	105-W-09	525.2	09/11/19 09:55	Client	09/13/19 08:45
4419416	105-W-10	505	09/11/19 10:03	Client	09/13/19 08:45
4419444	105-W-10	525.2	09/11/19 10:03	Client	09/13/19 08:45
4419417	105-W-11	505	09/11/19 10:09	Client	09/13/19 08:45
4419445	105-W-11	525.2	09/11/19 10:09	Client	09/13/19 08:45
4419418	105-W-12	505	09/11/19 10:18	Client	09/13/19 08:45
4419446	105-W-12	525.2	09/11/19 10:18	Client	09/13/19 08:45
4419419	105-W-13	505	09/11/19 10:27	Client	09/13/19 08:45
4419447	105-W-13	525.2	09/11/19 10:27	Client	09/13/19 08:45
4419420	105-W-14	505	09/11/19 10:32	Client	09/13/19 08:45
4419448	105-W-14	525.2	09/11/19 10:32	Client	09/13/19 08:45
4419421	105-W-15	505	09/11/19 10:38	Client	09/13/19 08:45
4419449	105-W-15	525.2	09/11/19 10:38	Client	09/13/19 08:45
4419422	105-W-16	505	09/11/19 10:43	Client	09/13/19 08:45
4419450	105-W-16	525.2	09/11/19 10:43	Client	09/13/19 08:45

4419423	105-W-17	505	09/12/19 08:10	Client	09/13/19 08:45
4419451	105-W-17	525.2	09/12/19 08:10	Client	09/13/19 08:45
4419424	105-W-18	505	09/12/19 08:16	Client	09/13/19 08:45
4419452	105-W-18	525.2	09/12/19 08:16	Client	09/13/19 08:45
4419425	105-W-19	505	09/12/19 08:23	Client	09/13/19 08:45
4419453	105-W-19	525.2	09/12/19 08:23	Client	09/13/19 08:45
4419426	105-W-20	505	09/12/19 08:34	Client	09/13/19 08:45
4419454	105-W-20	525.2	09/12/19 08:34	Client	09/13/19 08:45
4419427	105-W-21	505	09/12/19 08:44	Client	09/13/19 08:45
4419455	105-W-21	525.2	09/12/19 08:44	Client	09/13/19 08:45
4419428	105-W-22	505	09/12/19 08:51	Client	09/13/19 08:45
4419456	105-W-22	525.2	09/12/19 08:51	Client	09/13/19 08:45
4419429	105-W-23	505	09/12/19 08:58	Client	09/13/19 08:45
4419457	105-W-23	525.2	09/12/19 08:58	Client	09/13/19 08:45
4419430	105-W-24	505	09/12/19 09:03	Client	09/13/19 08:45
4419458	105-W-24	525.2	09/12/19 09:03	Client	09/13/19 08:45
4419431	105-W-25	505	09/12/19 09:11	Client	09/13/19 08:45
4419459	105-W-25	525.2	09/12/19 09:11	Client	09/13/19 08:45
4419432	105-W-26	505	09/12/19 09:17	Client	09/13/19 08:45
4419460	105-W-26	525.2	09/12/19 09:17	Client	09/13/19 08:45
4419433	105-W-27	505	09/12/19 09:25	Client	09/13/19 08:45
4419461	105-W-27	525.2	09/12/19 09:25	Client	09/13/19 08:45
4419434	105-W-28	505	09/12/19 09:32	Client	09/13/19 08:45
4419462	105-W-28	525.2	09/12/19 09:32	Client	09/13/19 08:45
4459716	105-DW-07	525.2	10/17/19 10:00	Client	10/18/19 08:30

<b>Report Summary</b>
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Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

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(b) (6)

ASM

Authorized Signature

Title

11/04/2019  
Date

Client Name: OCCU-TEC Inc.

Report #: 465220

Sampling Point: 105-W-01

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/18/19 22:46	4419407
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/18/19 22:46	4419407
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/18/19 22:46	4419407
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/18/19 22:46	4419407
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/18/19 22:46	4419407
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/18/19 22:46	4419407
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/18/19 22:46	4419407
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/18/19 22:46	4419407
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/18/19 22:46	4419407
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 06:49	10/05/19 12:22	4419435

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-02

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/18/19 23:19	4419408
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/18/19 23:19	4419408
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/18/19 23:19	4419408
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/18/19 23:19	4419408
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/18/19 23:19	4419408
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/18/19 23:19	4419408
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/18/19 23:19	4419408
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/18/19 23:19	4419408
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/18/19 23:19	4419408
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:03	4419436

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-03

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/18/19 23:53	4419409
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/18/19 23:53	4419409
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/18/19 23:53	4419409
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/18/19 23:53	4419409
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/18/19 23:53	4419409
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/18/19 23:53	4419409
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/18/19 23:53	4419409
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/18/19 23:53	4419409
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/18/19 23:53	4419409
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 13:44	4419437

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-04

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 01:36	4419410
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 01:36	4419410
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 01:36	4419410
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 01:36	4419410
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 01:36	4419410
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 01:36	4419410
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 01:36	4419410
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 01:36	4419410
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 01:36	4419410
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 14:24	4419438

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-05

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 02:11	4419411
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 02:11	4419411
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 02:11	4419411
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 02:11	4419411
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 02:11	4419411
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 02:11	4419411
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 02:11	4419411
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 02:11	4419411
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 02:11	4419411
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:05	4419439

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-06

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 02:46	4419412
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 02:46	4419412
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 02:46	4419412
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 02:46	4419412
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 02:46	4419412
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 02:46	4419412
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 02:46	4419412
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 02:46	4419412
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 02:46	4419412
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 15:46	4419440

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.



Sampling Point: 105-W-07

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 03:22	4419413
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 03:22	4419413
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 03:22	4419413
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 03:22	4419413
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 03:22	4419413
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 03:22	4419413
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 03:22	4419413
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 03:22	4419413
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 03:22	4419413

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

Sampling Point: 105-W-08

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 03:59	4419414
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 03:59	4419414
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 03:59	4419414
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 03:59	4419414
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 03:59	4419414
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 03:59	4419414
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 03:59	4419414
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 03:59	4419414
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 03:59	4419414
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 16:27	4419442

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-09

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 04:36	4419415
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 04:36	4419415
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 04:36	4419415
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 04:36	4419415
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 04:36	4419415
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 04:36	4419415
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 04:36	4419415
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 04:36	4419415
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 04:36	4419415
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:08	4419443

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-10

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 05:13	4419416
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 05:13	4419416
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 05:13	4419416
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 05:13	4419416
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 05:13	4419416
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 05:13	4419416
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 05:13	4419416
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 05:13	4419416
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 05:13	4419416
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 17:48	4419444

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-11

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 06:28	4419417
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 06:28	4419417
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 06:28	4419417
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 06:28	4419417
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 06:28	4419417
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 06:28	4419417
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 06:28	4419417
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 06:28	4419417
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 06:28	4419417
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 18:29	4419445

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-12

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 07:07	4419418
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 07:07	4419418
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 07:07	4419418
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 07:07	4419418
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 07:07	4419418
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 07:07	4419418
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 07:07	4419418
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 07:07	4419418
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 07:07	4419418
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 19:10	4419446

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-13

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 07:46	4419419
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 07:46	4419419
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 07:46	4419419
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 07:46	4419419
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 07:46	4419419
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 07:46	4419419
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 07:46	4419419
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 07:46	4419419
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 07:46	4419419
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 21:52	4419447

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-14

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 08:25	4419420
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 08:25	4419420
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 08:25	4419420
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 08:25	4419420
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 08:25	4419420
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 08:25	4419420
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 08:25	4419420
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 08:25	4419420
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 08:25	4419420
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 22:33	4419448

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.



Sampling Point: 105-W-15

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 09:04	4419421
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 09:04	4419421
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 09:04	4419421
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 09:04	4419421
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 09:04	4419421
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 09:04	4419421
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 09:04	4419421
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 09:04	4419421
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 09:04	4419421
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:14	4419449

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-16

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 09:44	4419422
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 09:44	4419422
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 09:44	4419422
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 09:44	4419422
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 09:44	4419422
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 09:44	4419422
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 09:44	4419422
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 09:44	4419422
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 09:44	4419422
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/05/19 23:55	4419450

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-17

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/18/19 12:27	09/19/19 10:08	4419423
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/18/19 12:27	09/19/19 10:08	4419423
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/18/19 12:27	09/19/19 10:08	4419423
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/18/19 12:27	09/19/19 10:08	4419423
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 10:08	4419423
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 10:08	4419423
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/18/19 12:27	09/19/19 10:08	4419423
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/18/19 12:27	09/19/19 10:08	4419423
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/18/19 12:27	09/19/19 10:08	4419423
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 00:35	4419451

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-18

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 00:58	4419424
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 00:58	4419424
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 00:58	4419424
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 00:58	4419424
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 00:58	4419424
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 00:58	4419424
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 00:58	4419424
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 00:58	4419424
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 00:58	4419424
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/17/19 08:10	09/27/19 20:50	4419452

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-19

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 01:22	4419425
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 01:22	4419425
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 01:22	4419425
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 01:22	4419425
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 01:22	4419425
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 01:22	4419425
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 01:22	4419425
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 01:22	4419425
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 01:22	4419425
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:16	4419453

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-20

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 01:46	4419426
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 01:46	4419426
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 01:46	4419426
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 01:46	4419426
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 01:46	4419426
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 01:46	4419426
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 01:46	4419426
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 01:46	4419426
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 01:46	4419426
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 18:49	10/06/19 01:57	4419454

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-21

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 02:10	4419427
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 02:10	4419427
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 02:10	4419427
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 02:10	4419427
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 02:10	4419427
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 02:10	4419427
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 02:10	4419427
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 02:10	4419427
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 02:10	4419427
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 22:33	4419455

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-22

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 02:58	4419428
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 02:58	4419428
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 02:58	4419428
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 02:58	4419428
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 02:58	4419428
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 02:58	4419428
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 02:58	4419428
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 02:58	4419428
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 02:58	4419428
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:15	4419456

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.



Sampling Point: 105-W-23

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 03:23	4419429
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 03:23	4419429
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 03:23	4419429
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 03:23	4419429
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 03:23	4419429
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 03:23	4419429
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 03:23	4419429
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 03:23	4419429
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 03:23	4419429
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/09/19 23:56	4419457

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-24

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 03:47	4419430
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 03:47	4419430
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 03:47	4419430
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 03:47	4419430
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 03:47	4419430
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 03:47	4419430
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 03:47	4419430
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 03:47	4419430
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 03:47	4419430
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 00:37	4419458

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-25

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 04:11	4419431
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 04:11	4419431
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 04:11	4419431
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 04:11	4419431
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 04:11	4419431
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 04:11	4419431
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 04:11	4419431
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 04:11	4419431
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 04:11	4419431
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:18	4419459

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-26

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 04:35	4419432
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 04:35	4419432
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 04:35	4419432
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 04:35	4419432
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 04:35	4419432
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 04:35	4419432
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 04:35	4419432
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 04:35	4419432
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 04:35	4419432
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 01:59	4419460

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-27

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 04:59	4419433
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 04:59	4419433
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 04:59	4419433
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 04:59	4419433
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 04:59	4419433
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 04:59	4419433
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 04:59	4419433
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 04:59	4419433
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 04:59	4419433
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 02:41	4419461

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

Sampling Point: 105-W-28

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/19/19 13:26	09/20/19 05:23	4419434
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/19/19 13:26	09/20/19 05:23	4419434
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/19/19 13:26	09/20/19 05:23	4419434
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/19/19 13:26	09/20/19 05:23	4419434
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 05:23	4419434
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 05:23	4419434
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/19/19 13:26	09/20/19 05:23	4419434
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/19/19 13:26	09/20/19 05:23	4419434
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/19/19 13:26	09/20/19 05:23	4419434
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/25/19 09:06	10/10/19 03:22	4419462

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

Sampling Point: 105-DW-07

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	10/24/19 08:07	10/29/19 09:40	4459716

§ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.



110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465220

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419441	105-W-07	525.2	09/11/19 09:29	Client	09/13/19 08:45

### Report Summary

Analysis was invalidated due to failure of the quality control associated with this sample. The client was notified of the situation, and recollection of the sample was requested.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

*Note: This report may not be reproduced, except in full, without written approval from EEA.*

(b) (6)

ASM

Authorized Signature

Title

Date

11/04/2019



Eaton Analytical

110 S. Hill Street  
South Bend, IN 46617  
T: 1.800.332.4345  
F: 1.574.233.8207

Order # 3700813  
Batch # 465220

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### CHAIN OF CUSTODY RECORD

Page 1 of 4

LAB Number	COLLECTION		SAMPLER (Signature)	COMPLIANCE MONITORING	Yes	No	POPULATION SERVED	STATE (sample origin)	PROJECT NAME	PO#	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME											
4479407	9/11/19	8:55	[Redacted]				MO	GFC-105			4	None	
408		9:00											
409		9:06		X			N/A						
410		9:10											
411		9:16											
412		9:21											
413		9:29											
414		9:49											
415		9:55											
416		10:03											
417		10:09											
418		10:16											
419		10:27											
420		10:32											

RELINQUISHED BY: (Signature)	[Redacted]	DATE	9/11/19	TIME	16:00
RECEIVED BY: (Signature)	[Redacted]	DATE	9/13/19	TIME	0845
RECEIVED FOR LABORATORY BY:	[Redacted]	DATE	9/13/19	TIME	0845

LAB COMMENTS: \_\_\_\_\_

LABORATORY RECEIPT (check one):  
 Wet/Blue     Ambient    °C Upon Receipt \_\_\_\_\_ N/A

CONDITIONS UPON RECEIPT (check one):  
 Wet/Blue     Ambient    °C Upon Receipt \_\_\_\_\_ N/A

LABORATORY RECEIPT (check one):  
 Wet/Blue     Ambient    °C Upon Receipt \_\_\_\_\_ N/A

LABORATORY RECEIPT (check one):  
 Wet/Blue     Ambient    °C Upon Receipt \_\_\_\_\_ N/A

LABORATORY RECEIPT (check one):  
 Wet/Blue     Ambient    °C Upon Receipt \_\_\_\_\_ N/A

**MATRIX CODES:**  
 DW-DRINKING WATER  
 RW-REAGENT WATER  
 GW-GROUND WATER  
 EW-EXPOSURE WATER  
 SW-SURFACE WATER  
 PW-POOL WATER  
 WW-WASTE WATER

**TURN-AROUND TIME (TAT) - SURCHARGES**  
 SW = Standard Written: (15 working days) 0%  
 RW = Rush Written: (5 working days) 50%  
 RW\* = Rush Written: (5 working days) 75%  
 \* Please call, expedited service not available for all testing

**STATISTICS:**  
 IV\* = Immediate Verbal: (3 working days) 100%  
 IW\* = Immediate Written: (3 working days) 125%  
 SP\* = Weekend, Holiday CALL  
 STAT\* = Less than 48 hours CALL

Sample analysis will be provided according to the standard EEA Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.

06-LO-F0435 Issue 7.0 Effective Date: 2018-10-11





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### CHAIN OF CUSTODY RECORD

Page 2 of 4

LAB Number	DATE		TIME		COLLECTION		COMPLIANCE MONITORING	Yes	No	POPULATION SERVED	SOURCE WATER	STATE (sample origin)	PROJECT NAME	PO#	# OF CONTAINERS		MATRIX CODE	TURNAROUND TIME	
	DATE	TIME	AM	PM	AM	PM									YES	NO			
1	9/11/19	10:36	X		105-W-15														
2	9/11/19	10:43	X		105-W-16														
3	9/12/19	9:10	X		105-W-17														
4		8:16	X		105-W-18														
5		8:23	X		105-W-19														
6		8:34	X		105-W-20														
7		8:44	X		105-W-21														
8		8:51	X		105-W-22														
9		8:58	X		105-W-23														
10		9:03	X		105-W-24														
11		9:11	X		105-W-25														
12		9:17	X		105-W-26														
13		9:25	X		105-W-27														
14		9:32	X		105-W-28														

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME	LAB COMMENTS
	9/11/19	16:00				
				9/13/19	08:45	CONDITIONS UPON RECEIPT (check one): <input checked="" type="checkbox"/> Ambient <u>51.6</u> °C Upon Receipt <input type="checkbox"/> WebBlue <input type="checkbox"/> °C Upon Receipt

MATRIX CODES:	TURN-AROUND TIME (TAT) - SURCHARGES
DW-DRINKING WATER	SW = Standard Written: (15 working days) 0%
RW-REAGENT WATER	RV = Rush Verbal: (5 working days) 50%
GW-GROUND WATER	RW* = Rush Written: (5 working days) 75%
EW-EXPOSURE WATER	
SW-SURFACE WATER	
PW-POOL WATER	
WW-WASTE WATER	

Sample analysis will be provided according to the standard EEA Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.

IV\* = Immediate Verbal: (3 working days) 100%  
 IW\* = Immediate Written: (3 working days) 125%  
 SP\* = Weekend, Holiday CALL  
 STAT\* = Less than 48 hours CALL

06-LO-F0435 Issue 7.0 Effective Date: 2018-10-11





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### CHAIN OF CUSTODY RECORD

Page 3 of 4

LAB Number	DATE		COLLECTION TIME		SAMPLER (Signature)	COMPLIANCE MONITORING	SAMPLING SITE		TEST NAME	STATE (sample origin)	PROJECT NAME	PO#	# OF CONTAINERS		MATRIX CODE	TURNAROUND TIME
	DATE	TIME	AM	PM			Yes	No					YES	NO		
1	9/11/19	8:55	X		[Redacted]		105-W-01	525 - PAH and 505 PCB	MO	GFC-105		4		DW/SL		
2		9:00	X				105-W-02									
3		9:06	X				105-W-03									
4		9:10	X				105-W-04									
5		9:16	X				105-W-05									
6		9:21	X				105-W-06									
7		9:29	X				105-W-07									
8		9:49	X				105-W-08									
9		9:55	X				105-W-09									
10		10:03	X				105-W-10									
11		10:09	X				105-W-11									
12		10:19	X				105-W-12									
13		10:27	X				105-W-13									
14		10:32	X				105-W-14									

RELINQUISHED BY: (Signature) [Redacted] DATE 9/11/19 TIME 16:00 AM

RECEIVED BY: (Signature) [Redacted] DATE 9/13/19 TIME 0845 AM

LAB COMMENTS: LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

CONDITIONS UPON RECEIPT (check one):  
 Iced: Wet/Blue  
 Ambient: 5.6\*  
 °C Upon Receipt: N/A

**MATRIX CODES:**  
 DW-DRINKING WATER  
 RW-REAGENT WATER  
 GW-GROUND WATER  
 EW-EXPOSURE WATER  
 SW-SURFACE WATER  
 PW-POOL WATER  
 WW-WASTE WATER

**TURN-AROUND TIME (TAT) - SURCHARGES**  
 SW = Standard Written: (15 working days) 0%  
 RW = Rush Written: (5 working days) 50%  
 RW\* = Rush Written: (5 working days) 75%  
 IV\* = Immediate Verbal: (3 working days) 100%  
 IW\* = Immediate Written: (3 working days) 125%  
 SP\* = Weekend, Holiday  
 STAT\* = Less than 48 hours

\* Please call, expedited service not available for all testing

Sample analysis will be provided according to the standard EEA Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.





Eaton Analytical

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Order # 370693  
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### CHAIN OF CUSTODY RECORD

Page 4 of 4

LAB Number	DATE		TIME		COLLECTION	SAMPLER (Signature)	COMPLIANCE MONITORING		SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME	AM	PM			Yes	No				YES	NO			
449	9/11/19	10:36	X		105-W-15				505-PAT and 505-PLB		X	X	4	DW	SW	
450	9/11/19	10:43	X		105-W-16						X	X				
451	9/12/19	8:10	X		105-W-17						X	X				
452		8:16	X		105-W-18						X	X				
453		8:23	X		105-W-19						X	X				
454		8:34	X		105-W-20						X	X				
455		8:44	X		105-W-21						X	X				
456		8:51	X		105-W-22						X	X				
457		8:58	X		105-W-23						X	X				
458		9:03	X		105-W-24						X	X				
459		9:11	X		105-W-25						X	X				
460		9:17	X		105-W-26						X	X				
461		9:25	X		105-W-27						X	X				
462		9:32	X		105-W-28						X	X				

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

LAB COMMENTS

RECEIVED BY: (Signature) \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_ AM PM

RECEIVED BY: (Signature) \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_ AM PM

RECEIVED FOR LABORATORY BY: \_\_\_\_\_ DATE \_\_\_\_\_ TIME \_\_\_\_\_ AM PM

CONDITIONS UPON RECEIPT (check one):  
 Iced: Wet/Blue     Ambient     °C Upon Receipt \_\_\_\_\_ N/A

MATRIX CODES:  
 DW-DRINKING WATER    100%  
 RW-REAGENT WATER    125%  
 GW-GROUND WATER    CALL  
 EW-EXPOSURE WATER    CALL  
 SW-SURFACE WATER  
 PW-POOL WATER  
 WW-WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES:  
 SW = Standard Written: (15 working days)    0%  
 RV = Rush Verbal: (5 working days)    50%  
 RW = Rush Written: (5 working days)    75%  
 \* Please call, expedited service not available for all testing

IV\* = Immediate Verbal: (3 working days)    100%  
 IW\* = Immediate Written: (3 working days)    125%  
 SP\* = Weekend, Holiday    CALL  
 STAT\* = Less than 48 hours    CALL

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.

06-LO-F0435 Issue 7.0 Effective Date: 2018-10-11



Eaton Analytical

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Order # 37609  
Batch # 38282101819

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REPORT TO: K. Hurlford, Khusaid @ account  
2000 NE Industrial Dr # 230  
North Kansas City MO 64117  
BILL TO: Ap@ocenter.com  
Same address

### CHAIN OF CUSTODY RECORD

Page 1 of 1

LAB Number	COLLECTION		SAMPLER (Signature)	COMPLIANCE MONITORING	Yes	No	POPULATION SERVED	STATE (sample origin)	PROJECT NAME	PO#	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME											
1													
2	10-17	1000	X	105 - DW - 07				MO	GFC DW 105	919103			
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

RELINQUISHED BY: (Signature) (b)(6) DATE 10-17 TIME 1600 RECEIVED BY: (Signature) DATE DATE TIME AM PM

RELINQUISHED BY: (Signature) (b)(6) DATE DATE TIME AM PM RECEIVED BY: (Signature) DATE DATE TIME AM PM

RELINQUISHED BY: (Signature) DATE DATE TIME AM PM RECEIVED FOR LABORATORY BY: (b)(6) DATE DATE TIME AM PM

LAB COMMENTS: No 505 sample received 55101819  
\* Only method 525.2 Samples were to  
Cross Offs on COC by Client  
percollected.

CONDITIONS UPON RECEIPT (check one):  
 Wet/Blue Ambient 1.8 °C Upon Receipt N/A  
 N/A

MATRIX CODES:  
 DW-DRINKING WATER  
 RW-REAGENT WATER  
 GW-GROUND WATER  
 EW-EXPOSURE WATER  
 SW-SURFACE WATER  
 PW-POOL WATER  
 WW-WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES  
 SW = Standard Written: (15 working days) 0%  
 RV\* = Rush Verbal: (5 working days) 50%  
 RW\* = Rush Written: (5 working days) 75%

IV\* = Immediate Verbal: (3 working days) 100%  
 IW\* = Immediate Written: (3 working days) 125%  
 SP\* = Weekend, Holiday CALL  
 STAT\* = Less than 48 hours CALL

\* Please call, expedited service not available for all testing

Sample analysis will be provided according to the standard EEA/Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.

## LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

*This report may not be reproduced, except in full, without written approval from EEA.*



## STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

\*NELAP/TNI Recognized Accreditation Bodies



110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 467504

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4445605	105-W-07R	525.2	10/02/19 09:30	Client	10/03/19 09:45

### Report Summary

The sample submitted was unsuitable for analysis due to the temperature of the sample upon receipt at EEA. The client was notified of the situation, and recollection of the sample was requested.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

*Note: This report may not be reproduced, except in full, without written approval from EEA.*

(b) (6)

ASM

Authorized Signature

Title

Page 1 of 1

10/08/2019

Date



Eaton Analytical

110 S. Hill Street  
South Bend, IN 46617  
T: 1.800.332.4345  
F: 1.574.233.8207

Order # 376693  
Batch # 467498

www.EurofinsUS.com/Eaton

Shaded area for EEA use only

REPORT TO: Kevin Heclford

BILL TO: KhenBond@occutec.com

Occu-Tec Inc

CHAIN OF CUSTODY RECORD

Page 1 of 1

LAB Number	COLLECTION		SAMPLER (Signature)	COMPLIANCE MONITORING		POPULATION SERVED	STATE (sample origin)	PROJECT NAME	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME		Yes	No				YES	NO			
1	10-2-19	09:30				N/A	MO	99103	X		2	DW 3/4	
2				X			DW	GFC					
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													

WET ICE WAS MELTED UPON RECEIPT

Invalid

\* Client will recontact per Jeff Smith. KB 10/4/19

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
	10-2-19	1500		10-3-19	0945

LAB COMMENTS: Okay to proceed per Jeff Smith. 10/4/19 KB 10/3/19

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

CONDITIONS UPON RECEIPT (check one):  
 Wet/Blue    Ambient 13.4 °C Upon Receipt N/A

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

TURN-AROUND TIME (TAT) - SURCHARGES

SW = Standard Written: (15 working days) 0%

RV\* = Rush Verbal: (5 working days) 50%

RW\* = Rush Written: (5 working days) 75%

MATRIX CODES:

DW-DRINKING WATER

RW-REAGENT WATER

GW-GROUND WATER

EW-EXPOSURE WATER

SW-SURFACE WATER

PW-POOL WATER

WW-WASTE WATER

\* Please call, expedited service not available for all testing

Sample analysis will be provided according to the standard EEA Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.

## LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

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## STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

\*NELAP/TNI Recognized Accreditation Bodies

110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419513	105-W-29	505	09/12/19 09:37	Client	09/13/19 08:45
4419532	105-W-29	525.2	09/12/19 09:37	Client	09/13/19 08:45

### Report Summary

Note: In the Method 525.2 analysis, the Anthracene recovery in the LFB for EEA Sample 4419532 at 2.0 ug/L (69%) was outside the acceptance limits of 70-130%].

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

(b) (6)

ASM

Authorized Signature

Title

10/15/2019

Date

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/20/19 21:16	4419513
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/20/19 21:16	4419513
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/20/19 21:16	4419513
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/20/19 21:16	4419513
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 21:16	4419513
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 21:16	4419513
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/20/19 21:16	4419513
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 21:16	4419513
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/20/19 21:16	4419513
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 14:32	4419532

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419514	105-W-30	505	09/12/19 09:43	Client	09/13/19 08:45
4419533	105-W-30	525.2	09/12/19 09:43	Client	09/13/19 08:45

### Report Summary

Note: In the Method 525.2 analysis, the Anthracene recovery in the LFB for EEA Sample 4419533 at 2.0 ug/L (69%) was outside the acceptance limits of 70-130%].

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223



Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/20/19 21:40	4419514
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/20/19 21:40	4419514
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/20/19 21:40	4419514
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/20/19 21:40	4419514
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 21:40	4419514
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 21:40	4419514
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/20/19 21:40	4419514
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 21:40	4419514
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/20/19 21:40	4419514
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 16:35	4419533

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

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**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419515	105-W-31	505	09/12/19 09:58	Client	09/13/19 08:45
4419534	105-W-31	525.2	09/12/19 09:58	Client	09/13/19 08:45

### Report Summary

Note: In the Method 525.2 analysis, the Anthracene recovery in the LFB for EEA Sample 4419534 at 2.0 ug/L (69%) was outside the acceptance limits of 70-130%].

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/20/19 22:04	4419515
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/20/19 22:04	4419515
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/20/19 22:04	4419515
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/20/19 22:04	4419515
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 22:04	4419515
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 22:04	4419515
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/20/19 22:04	4419515
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 22:04	4419515
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/20/19 22:04	4419515
83-32-9	Acenaphthene §	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
206-44-0	Fluoranthene §	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
90-12-0	1-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
91-57-6	2-Methylnaphthalene §	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
91-20-3	Naphthalene §	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 17:57	4419534

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

§ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

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## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419516	105-W-32	505	09/12/19 10:03	Client	09/13/19 08:45
4419535	105-W-32	525.2	09/12/19 10:03	Client	09/13/19 08:45

### Report Summary

Note: In the Method 525.2 analysis, the Anthracene recovery in the LFB for EEA Sample 4419535 at 2.0 ug/L (69%) was outside the acceptance limits of 70-130%].

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

(b) (6)

ASM

Authorized Signature

Title

10/15/2019

Date

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/20/19 22:28	4419516
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/20/19 22:28	4419516
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/20/19 22:28	4419516
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/20/19 22:28	4419516
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 22:28	4419516
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 22:28	4419516
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/20/19 22:28	4419516
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 22:28	4419516
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/20/19 22:28	4419516
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 18:38	4419535

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

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**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.



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## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419517	105-W-33	505	09/12/19 10:41	Client	09/13/19 08:45
4419536	105-W-33	525.2	09/12/19 10:41	Client	09/13/19 08:45

### Report Summary

Note: In the Method 525.2 analysis, the Anthracene recovery in the LFB for EEA Sample 4419536 at 2.0 ug/L (69%) was outside the acceptance limits of 70-130%].

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

(b) (6)

ASM

Authorized Signature

Title

10/15/2019

Date

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/20/19 22:52	4419517
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/20/19 22:52	4419517
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/20/19 22:52	4419517
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/20/19 22:52	4419517
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 22:52	4419517
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 22:52	4419517
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/20/19 22:52	4419517
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 22:52	4419517
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/20/19 22:52	4419517
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 19:19	4419536

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

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**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

110 South Hill Street  
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 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419518	105-W-34	505	09/12/19 10:48	Client	09/13/19 08:45
4419537	105-W-34	525.2	09/12/19 10:48	Client	09/13/19 08:45

### Report Summary

Note: In the Method 525.2 analysis, the Anthracene recovery in the LFB for EEA Sample 4419537 at 2.0 ug/L (69%) was outside the acceptance limits of 70-130%].

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/20/19 23:16	4419518
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/20/19 23:16	4419518
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/20/19 23:16	4419518
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/20/19 23:16	4419518
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 23:16	4419518
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 23:16	4419518
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/20/19 23:16	4419518
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/20/19 23:16	4419518
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/20/19 23:16	4419518
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:00	4419537

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

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**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

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## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419519	105-W-35	505	09/12/19 11:03	Client	09/13/19 08:45
4419538	105-W-35	525.2	09/12/19 11:03	Client	09/13/19 08:45

### Report Summary

Note: In the Method 525.2 analysis, the Anthracene recovery in the LFB for EEA Sample 4419538 at 2.0 ug/L (69%) was outside the acceptance limits of 70-130%].

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 00:29	4419519
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 00:29	4419519
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 00:29	4419519
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 00:29	4419519
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 00:29	4419519
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 00:29	4419519
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 00:29	4419519
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 00:29	4419519
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 00:29	4419519
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
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218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
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206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/25/19 20:41	4419538

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!



## Lab Definitions

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**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

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## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465223

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419520	105-W-36	505	09/12/19 11:09	Client	09/13/19 08:45
4419539	105-W-36	525.2	09/12/19 11:09	Client	09/13/19 08:45

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

*Note: This report may not be reproduced, except in full, without written approval from EEA.*

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 00:53	4419520
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 00:53	4419520
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 00:53	4419520
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 00:53	4419520
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 00:53	4419520
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 00:53	4419520
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 00:53	4419520
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 00:53	4419520
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 00:53	4419520
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 03:30	4419539

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

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## Laboratory Report

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Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465223

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419521	105-W-37	505	09/12/19 11:17	Client	09/13/19 08:45
4419540	105-W-37	525.2	09/12/19 11:17	Client	09/13/19 08:45

### Report Summary

Note: EEA samples 4419521 and 4419540 submitted for Method 505 analysis was received at a temperature of (8.0)°C. The client was notified of the situation.

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

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(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 01:17	4419521
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 01:17	4419521
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 01:17	4419521
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 01:17	4419521
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 01:17	4419521
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 01:17	4419521
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 01:17	4419521
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 01:17	4419521
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 01:17	4419521
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
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193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
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91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:11	4419540

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

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**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

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## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419522	105-W-38	505	09/12/19 11:22	Client	09/13/19 08:45
4419541	105-W-38	525.2	09/12/19 11:22	Client	09/13/19 08:45

### Report Summary

Note: EEA samples 4419522 and 4419541 submitted for Method 505 analysis was received at a temperature of (8.0)°C. The client was notified of the situation.

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

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(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223



Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 01:41	4419522
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 01:41	4419522
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 01:41	4419522
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 01:41	4419522
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 01:41	4419522
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 01:41	4419522
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 01:41	4419522
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 01:41	4419522
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 01:41	4419522
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 04:52	4419541

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419523	105-W-39	505	09/12/19 11:32	Client	09/13/19 08:45
4419542	105-W-39	525.2	09/12/19 11:32	Client	09/13/19 08:45

### Report Summary

Note: EEA samples 4419523 and 4419542 submitted for Method 505 analysis was received at a temperature of (8.0)°C. The client was notified of the situation.

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 02:05	4419523
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 02:05	4419523
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 02:05	4419523
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 02:05	4419523
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 02:05	4419523
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 02:05	4419523
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 02:05	4419523
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 02:05	4419523
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 02:05	4419523
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 05:33	4419542

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

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**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

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## Laboratory Report

Client: OCCU-TEC Inc.

Report: 465223

Attn: Jeff Smith

Priority: Standard Written

2604 NE Industrial Drive

Status: Final

Suite 230

PWS ID: Not Supplied

North Kansas City, MO 64117

### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419524	105-W-40	505	09/12/19 11:35	Client	09/13/19 08:45
4419543	105-W-40	525.2	09/12/19 11:35	Client	09/13/19 08:45

### Report Summary

Note: EEA samples 4419524 and 4419543 submitted for Method 505 analysis was received at a temperature of (8.0)°C. The client was notified of the situation.

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

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(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 02:29	4419524
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 02:29	4419524
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 02:29	4419524
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 02:29	4419524
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 02:29	4419524
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 02:29	4419524
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 02:29	4419524
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 02:29	4419524
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 02:29	4419524
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:15	4419543

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

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## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465223

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419525	105-W-41	505	09/12/19 11:42	Client	09/13/19 08:45
4419544	105-W-41	525.2	09/12/19 11:42	Client	09/13/19 08:45

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

*Note: This report may not be reproduced, except in full, without written approval from EEA.*

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 02:53	4419525
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 02:53	4419525
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 02:53	4419525
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 02:53	4419525
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 02:53	4419525
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 02:53	4419525
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 02:53	4419525
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 02:53	4419525
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 02:53	4419525
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 06:56	4419544

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

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**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

110 South Hill Street  
 South Bend, IN 46617  
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## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465223

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419526	105-W-42	505	09/12/19 11:49	Client	09/13/19 08:45
4419545	105-W-42	525.2	09/12/19 11:49	Client	09/13/19 08:45

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

*Note: This report may not be reproduced, except in full, without written approval from EEA.*

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 03:41	4419526
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 03:41	4419526
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 03:41	4419526
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 03:41	4419526
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 03:41	4419526
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 03:41	4419526
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 03:41	4419526
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 03:41	4419526
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 03:41	4419526
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 07:37	4419545

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

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**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

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**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

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## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465223

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419527	105-W-43	505	09/12/19 11:56	Client	09/13/19 08:45
4419546	105-W-43	525.2	09/12/19 11:56	Client	09/13/19 08:45

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

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*Note: This report may not be reproduced, except in full, without written approval from EEA.*

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 04:05	4419527
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 04:05	4419527
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 04:05	4419527
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 04:05	4419527
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 04:05	4419527
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 04:05	4419527
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 04:05	4419527
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 04:05	4419527
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 04:05	4419527
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:18	4419546

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!



## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

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**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

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**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465223

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419528	105-W-44	505	09/12/19 11:01	Client	09/13/19 08:45
4419547	105-W-44	525.2	09/12/19 12:01	Client	09/13/19 08:45

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

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(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 04:29	4419528
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 04:29	4419528
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 04:29	4419528
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 04:29	4419528
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 04:29	4419528
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 04:29	4419528
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 04:29	4419528
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 04:29	4419528
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 04:29	4419528
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 08:59	4419547

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

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**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

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**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

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## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465223

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419529	105-W-45	505	09/12/19 12:11	Client	09/13/19 08:45
4419548	105-W-45	525.2	09/12/19 12:11	Client	09/13/19 08:45

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

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(b) (6)

ASM

Authorized Signature

Title

10/15/2019

Date

Client Name: OCCU-TEC Inc.

Report #: 465223

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 04:53	4419529
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11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 04:53	4419529
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 04:53	4419529
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 04:53	4419529
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 04:53	4419529
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 04:53	4419529
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 04:53	4419529
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 04:53	4419529
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 09:40	4419548
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 09:40	4419548
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 09:40	4419548
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 09:40	4419548
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 09:40	4419548
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 09:40	4419548
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85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 09:40	4419548
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 09:40	4419548

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

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## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465223

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419530	105-W-46	505	09/12/19 12:15	Client	09/13/19 08:45
4419549	105-W-46	525.2	09/12/19 12:15	Client	09/13/19 08:45

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

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(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223



Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 06:06	4419530
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 06:06	4419530
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 06:06	4419530
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 06:06	4419530
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 06:06	4419530
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 06:06	4419530
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 06:06	4419530
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 06:06	4419530
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83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
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207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
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50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
86-73-7	Fluorene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
193-39-5	Indeno(1,2,3-cd)pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
90-12-0	1-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
91-57-6	2-Methylnaphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
91-20-3	Naphthalene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
85-01-8	Phenanthrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549
129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 10:21	4419549

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: OCCU-TEC Inc.

Attn: Jeff Smith

2604 NE Industrial Drive

Suite 230

North Kansas City, MO 64117

Report: 465223

Priority: Standard Written

Status: Final

PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4419531	105-W-47	505	09/12/19 12:23	Client	09/13/19 08:45
4419550	105-W-47	525.2	09/12/19 12:23	Client	09/13/19 08:45

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Blackburn at (574) 233-4777.

*Note: This report may not be reproduced, except in full, without written approval from EEA.*

(b) (6)

ASM

Authorized Signature

Title

Date

10/15/2019

Client Name: OCCU-TEC Inc.

Report #: 465223

Sampling Point: 105-W-47

PWS ID: Not Supplied

Semi-volatile Organic Chemicals									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
12674-11-2	Aroclor 1016	505	---	0.08	< 0.08	ug/L	09/20/19 14:45	09/21/19 06:30	4419531
11104-28-2	Aroclor 1221	505	---	0.19	< 0.19	ug/L	09/20/19 14:45	09/21/19 06:30	4419531
11141-16-5	Aroclor 1232	505	---	0.23	< 0.23	ug/L	09/20/19 14:45	09/21/19 06:30	4419531
53469-21-9	Aroclor 1242	505	---	0.26	< 0.26	ug/L	09/20/19 14:45	09/21/19 06:30	4419531
12672-29-6	Aroclor 1248	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 06:30	4419531
11097-69-1	Aroclor 1254	505	---	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 06:30	4419531
11096-82-5	Aroclor 1260	505	---	0.2	< 0.2	ug/L	09/20/19 14:45	09/21/19 06:30	4419531
57-74-9	Chlordane	505	2 *	0.1	< 0.1	ug/L	09/20/19 14:45	09/21/19 06:30	4419531
8001-35-2	Toxaphene	505	3 *	1.0	< 1.0	ug/L	09/20/19 14:45	09/21/19 06:30	4419531
83-32-9	Acenaphthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
208-96-8	Acenaphthylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
120-12-7	Anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
56-55-3	Benzo(a)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
205-99-2	Benzo(b)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
207-08-9	Benzo(k)fluoranthene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
191-24-2	Benzo(g,h,i)perylene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
50-32-8	Benzo(a)pyrene	525.2	0.2 *	0.02	< 0.02	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
218-01-9	Chrysene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
53-70-3	Dibenzo(a,h)anthracene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
206-44-0	Fluoranthene \$	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550
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129-00-0	Pyrene	525.2	---	0.1	< 0.1	ug/L	09/18/19 07:44	09/27/19 11:03	4419550

Any positive Aroclor result would require analysis for total PCB as decachlorobiphenyl by method 508A (MCL = 0.5 ug/L)

\$ The state of origin does not offer certification for this parameter.

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

<b>Reg Limit Type:</b>	MCL	SMCL	AL
<b>Symbol:</b>	*	^	!

## Lab Definitions

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Eaton Analytical

110 S. Hill Street  
South Bend, IN 46617  
T: 1.800.332.4345  
F: 1.574.233.8207

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Batch # \_\_\_\_\_

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### CHAIN OF CUSTODY RECORD

Page 24 of 4

LAB Number	DATE		COLLECTION TIME		SAMPLER (Signature)	COMPLIANCE MONITORING	Yes	No	POPULATION SERVED	PWS ID #	STATE (sample origin)	PROJECT NAME	SAMPLER (Signature)	SAMPLER POI#	SAMPLER NO	SAMPLER YES	SAMPLER NO	CHLORINATED	SAMPLER REMARKS	TEST NAME	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME		
	DATE	TIME	AM	PM																					
1	9/12/19	11:56	X																		525 - PAH and 505 PB	4	DVSW		
2		12:01	X																						
3		12:11	X																						
4		12:15	X																						
5		12:23	X																						
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

RELINQUISHED BY: (Signature) DATE 9/12/19 TIME 16:00 AM

RECEIVED BY: (Signature) DATE 9/13/19 TIME 0845 AM

RELINQUISHED BY: (Signature) DATE \_\_\_\_\_ TIME \_\_\_\_\_ AM \_\_\_\_\_ PM

RECEIVED BY: (Signature) DATE \_\_\_\_\_ TIME \_\_\_\_\_ AM \_\_\_\_\_ PM

RELINQUISHED BY: (Signature) DATE \_\_\_\_\_ TIME \_\_\_\_\_ AM \_\_\_\_\_ PM

RECEIVED BY: (Signature) DATE \_\_\_\_\_ TIME \_\_\_\_\_ AM \_\_\_\_\_ PM

LAB COMMENTS: CONDITIONS UPON RECEIPT (check one):  
 Ice: Wet Blue     Ambient     Upon Receipt  
 5.6 °C

**MATRIX CODES:**  
 DW-DRINKING WATER  
 RW-REAGENT WATER  
 GW-GROUND WATER  
 EW-EXPOSURE WATER  
 SW-SURFACE WATER  
 PW-POOL WATER  
 WW-WASTE WATER

**TURN-AROUND TIME (TAT) - SURCHARGES**  
 SW = Standard Written: (15 working days) 0%  
 RV = Rush Written: (5 working days) 50%  
 RW = Rush Written: (5 working days) 75%  
 \* Please call, expedited service not available for all testing

**IV** = Immediate Verbal: (3 working days) 100%  
**IV\*** = Immediate Written: (3 working days) 125%  
**SP\*** = Weekend, Holiday CALL  
**STAT\*** = Less than 48 hours CALL

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.

06-LO-F0435 Issue 7.0 Effective Date: 2018-10-11





Eaton Analytical

110 S. Hill Street  
South Bend, IN 46617  
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### CHAIN OF CUSTODY RECORD

Page 3 of 4

LAB Number	COLLECTION		SAMPLER (Signature)	COMPLIANCE MONITORING		SAMPLING SITE	TEST NAME	STATE (sample origin)	PROJECT NAME	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME		AM	PM					YES	NO			
1	9/12/19	9:57		X		105-W-29	525-PAH and 505-PB			X		4	DW SW	
2		9:43		X		105-W-30				X				
3		9:58		X		105-W-31				X				
4		10:03		X		105-W-32				X				
5		10:41		X		105-W-33				X				
6		10:48		X		105-W-34				X				
7		11:03		X		105-W-35				X				
8		11:09		X		105-W-36				X				
9		11:17		X		105-W-37				X				
10		11:22		X		105-W-38				X				
11		11:32		X		105-W-39				X				
12		11:35		X		105-W-40				X				
13		11:42		X		105-W-41				X				
14		11:49		X		105-W-42				X				

RELINQUISHED BY: (Signature) DATE 9/12/19 TIME 1600 AM | PM

RECEIVED BY: (Signature) DATE 9/12/19 TIME 0845 AM | PM

RECEIVED FOR LABORATORY BY:

LAB COMMENTS: \* one cooler had ice totally melted and temp was 8.0°C. Okay to proceed. NB 9/13/19

CONDITIONS UPON RECEIPT (check one):  
 Iced: Wet/Blue     Ambient     °C Upon Receipt    N/A

MATRIX CODES:  
 DW-DRINKING WATER  
 RW-REAGENT WATER  
 GW-GROUND WATER  
 EW-EXPOSURE WATER  
 SW-SURFACE WATER  
 PW-POOL WATER  
 WW-WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES:  
 SW = Standard Written: (15 working days) 0%  
 RV = Rush Verbal: (5 working days) 50%  
 RW = Rush Written: (5 working days) 75%

\* Please call, expedited service not available for all testing

IV\* = Immediate Verbal: (3 working days) 100%  
 IW\* = Immediate Written: (3 working days) 125%  
 SP\* = Weekend, Holiday  
 STAT\* = Less than 48 hours

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.

06-LO-F0435 Issue 7.0 Effective Date: 2018-10-11

Sample analysis will be provided according to the standard EEA/Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.





Eaton Analytical

110 S. Hill Street  
South Bend, IN 46617  
T: 1.800.332.4345  
F: 1.574.233.8207

Order # 276693  
Batch # \_\_\_\_\_

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### CHAIN OF CUSTODY RECORD

Page 4 of 4

REPORT TO: **Shaded area for EEA use only**

LAB Number	COLLECTION		SAMPLER (Signature)	COMPLIANCE MONITORING		SAMPLING SITE	TEST NAME	STATE (sample origin)	PROJECT NAME	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME		AM	PM					Yes	No			
1	4419	546	9/12/19	11:56	X		105 - W - 43				X	4	DW SW	
2	547		12:01		X	105 - W - 44					X	1		
3	548		12:11		X	105 - W - 45					X	1		
4	549		12:15		X	105 - W - 46					X	1		
5	550		12:23		X	105 - W - 47					X	1		
6														
7														
8														
9														
10														
11														
12														
13														
14														

RELINQUISHED BY: (Signature)

DATE: 9/12/19 TIME: 16:00 AM

RECEIVED BY: (Signature)

DATE: 9/13/19 TIME: 0845 AM

RELINQUISHED BY: (Signature)

DATE: 9/13/19 TIME: 0845 AM

RECEIVED BY: (Signature)

DATE: 9/13/19 TIME: 0845 AM

RECEIVED FOR LABORATORY BY:

LAB COMMENTS: LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

CONDITIONS UPON RECEIPT (check one):  
 Iced: WetBlue  
 Ambient: 5.6 °C Upon Receipt N/A

**MATRIX CODES:**  
 DW-DRINKING WATER  
 RW-REAGENT WATER  
 GW-GROUND WATER  
 EW-EXPOSURE WATER  
 SW-SURFACE WATER  
 PW-POOL WATER  
 WW-WASTE WATER

**TURN-AROUND TIME (TAT) - SURCHARGES**  
 SW = Standard Written: (15 working days) 0%  
 RV = Rush Verbal: (5 working days) 50%  
 RW = Rush Written: (5 working days) 75%

**STAT\* = Less than 48 hours**

**IV\* = Immediate Verbal: (3 working days) 100%**  
**IW\* = Immediate Written: (3 working days) 125%**  
**SP\* = Weekend, Holiday CALL**  
**STAT\* = Less than 48 hours CALL**

**\* Please call, expedited service not available for all testing**

Jeff Smith  
OCCU-TEC Inc.  
2604 NE Industrial Drive  
Suite 230  
North Kansas City, MO 64117

RE: Method 525.2 LFB Recoveries

Jeff Smith:

Eurofins Eaton Analytical LLC, South Bend (EEA-SB) began having recovery issues in the extracted QC samples with anthracene in the middle of May 2019. Around that time, our vendor for the extraction disks began to distribute the disks after a long period of unavailability due to QC issues. The laboratory had never had this issue before with anthracene and did not anticipate a problem with the new shipment of disks. In our troubleshooting, we began with the standards that were being used. After numerous different experiments, we were not able to confirm that the standards are the cause of this issue. During the time of investigation, the lab had computer issues and various instrument issues, which has delayed the investigation. Next, the lab will have to investigate the solvents used, in which certain stabilizers can cause breakdown of certain compounds. In addition, we have some evidence that the C18 material used in the extraction disks can cause the low recovery periodically. This investigation is still on-going at this time.

EEA-SB strives to help our customers meet all of their regulations needs and requirements. We hope this explanation of this on-going investigation assists in your understanding of the testing performed on your samples.

Any additional questions, please contact Kelly Blackburn at [kellyblackburn@eurofinsUS.com](mailto:kellyblackburn@eurofinsUS.com) or 574-472-5545.

Sincerely,

(b) (6)



Bill Reeves  
Quality Assurance Manager  
[williamreeves@eurofinsUS.com](mailto:williamreeves@eurofinsUS.com)  
574-472-5568