



Kohler Co. – Arkansas Faucets Operations  
415 S. Oklahoma St.  
Sheridan, AR 72150

June 22, 2023

Mr. Guy Lester  
NPDES Pretreatment Engineer  
Arkansas Department of Energy & Environment  
Office of Water Quality

RE: SEMI-ANNUAL REPORT – 2<sup>nd</sup> HALF 2022  
AFIN: 27-00004                      City of Sheridan Wastewater Permit #: ARP000021

Dear Mr. Lester,

In accordance with 40 CFR 403.12 (e) we are submitting the attached Semi-annual report along with the TTO analysis for the reporting period of July 1, 2022 – December 31, 2022. Please contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "LeKeisha Adams".

LeKeisha Adams  
EHS Program Manager  
Kohler Co. – Arkansas Faucets Operations  
[Lekeisha.adams@kohler.com](mailto:Lekeisha.adams@kohler.com)  
Ph: 870-917-6215

# SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40 CFR 433

Use of this form is not an EPA/ADEQ requirement.

Attn: Water Div/NPDES Pretreatment

<b>(1) IDENTIFYING INFORMATION</b>	
<p><b>A. LEGAL NAME &amp; MAILING ADDRESS</b>                  KOHLER Company                  415 S Oklahoma St.                  Sheridan, AR 72150</p>	<p><b>B. FACILITY &amp; LOCATION ADDRESS</b>                  415 S. Oklahoma St.                  Sheridan, AR 72150</p>
<p><b>C. FACILITY CONTACT:</b> LeKeisha Adams <span style="float: right;"><b>TELEPHONE NUMBER:</b> 870-942-2111</span></p>	
<b>(2) REPORTING PERIOD-- FISCAL YEAR From July 1 to December 31</b> <span style="float: right; font-size: small;">(Both Semi-Annual Reports must cover Fiscal Year)</span>	
<p><b>A. MONTHS WHICH REPORTS ARE DUE</b>                  January &amp; July</p>	<p><b>B. PERIOD COVERED BY THIS REPORT</b>                  FROM: July 1, 2022 TO: December 31, 2022</p>
<b>(3) DESCRIPTION OF OPERATION</b>	
<p><b>A. REGULATED PROCESSES</b></p> <p style="text-align: center;"><u><b>CORE PROCESS(ES)</b></u></p> <p style="text-align: center; font-size: small;">CHECK EACH APPLICABLE BLOCK</p> <p><input checked="" type="checkbox"/> Electroplating  <input checked="" type="checkbox"/> Electroless Plating  <input type="checkbox"/> Anodizing  <input type="checkbox"/> Coating  <input type="checkbox"/> Chemical Etching and Milling  <input type="checkbox"/> Printed Circuit Board Manufacture</p> <p style="text-align: center; margin-top: 20px;"><u><b>ANCILLARY PROCESS(ES)*</b></u></p> <p style="text-align: center; font-size: small;">LIST BELOW EACH PROCESS USED IN THE FACILITY</p> <p><u>BRAZING</u>  <u>ACID/ALKALI CLEANING</u>                  _____                  _____                  _____                  _____</p>	<p><b>B. CHANGES:</b> SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.</p>
*SEE 40CFR.10(a) FOR 40 DIFFERENT OPERATIONS	
<p><b>C. Number of Regular Employees at this Facility</b> <span style="float: right;"><u>550</u></span></p>	<p><b>D. [Reserved]</b></p>

**(4) FLOW MEASUREMENT**

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY

Process	Average	Maximum	Type of Discharge
Regulated (Core & Anc)	42,096	76,252	POTW Continuous
Regulated (Cyanide)	0	0	N/A
§403.6(e) Unregulated*	0	0	N/A
§403.6(e) Dilute	0	0	N/A
Cooling Water	0	0	N/A
Sanitary	2,155	3,903	POTW Continuous
Total Flow to POTW	44,251	80,155	*****

\*"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

**(5) MEASUREMENT OF POLLUTANTS**

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other
- None

B. COMMENTS OF TREATMENT SYSTEM

Treated water samples are sent monthly to commercial lab for analysis. In-house testing performed twice per shift. Results of in-house tests are hand delivered to Monthly. Monthly DMR is also submitted.

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES-- CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant(mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN*	TTO*
Max for 1 day	0.69	2.77	3.38	0.69	3.98	0.43	2.61	MDL	2.13
Monthly Ave	0.26	1.71	2.07	0.43	2.38	0.24	1.48	MDL	--
Max Measured	0.0013	0.905	1.27	0.03	0.884	0.02	0.58	0.5	0.01
Ave Measured	0.0013	0.33	0.46	0.03	0.33	0.02	0.26	0.5	0.01

\*PROVIDE THE CONCENTRATION HERE IF NO CERTIFICATION IS PROVIDED IN SECTION 6 BELOW OR MARK N/A IF A CERTIFICATION IS PROVIDED.

Sample Location #001 AFTER TREATMENT/BEFORE DISCHARGE

Sample Type (Grab or Composite) COMPOSITE

Number of Samples and Frequency Collected 1/MONTH - (IN-HOUSE 2x/SHIFT)

40CFR136 Preservation and Analytical Methods Use:  Yes No

(6) CERTIFICATION

A. CYANIDE CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with pretreatment standards, I certify that to the best of my knowledge, cyanide has not been used or generated in our processes which are regulated by the Metal Finishing (40CFR 433) categorical pretreatment standards since the filing of the last semi-annual compliance report.

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature

B. CHECK ONE:  §433.11(c) TOXIC ORGANIC ANALYSIS ATTACHED  §433.12(a) TTO CERTIFICATION

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the waste waters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan submitted to Arkansas Department of Pollution Control and Ecology.

N/A

(Typed Name)

(Corporate Officer or authorized representative)

Date of Signature

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS )  
COUNTY OF \_\_\_\_\_ )

Before me, the undersigned authority, on this day personally appeared \_\_\_\_\_ of \_\_\_\_\_

a corporation, known to me to be the person whose name is subscribed to the foregoing instruments(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this \_\_\_\_\_ day of \_\_\_\_\_ 2020

Notary Public in and for \_\_\_\_\_  
County, Arkansas

My commission expires \_\_\_\_\_

**(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]**

§6602 [42 U.S.C. 1310] Findings and Policy para (b) Policy - The congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices:

**(8) GENERAL COMMENTS**

ATTACHMENTS:  
TTO/CN Analysis  
Semi-Annual Metals Analysis

cc: Jason Nall, Global EHS Manager  
Sheridan Waterworks  
File

**(9) SIGNATORY REQUIREMENTS [40CFR403.12(1)]**

I certify under penalty of law that I have personally examined and am familiar with the information in this semi-annual compliance report and all attachments, and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the report, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Russell Skinner  
NAME OF CORPORATE OFFICIER OR AUTHORIZED REPRESENTATIVE

  
SIGNATURE

Plant Manager of Arkansas Faucet Operations  
OFFICIAL TITLE

6/23/23  
DATE SIGNED

DATE	GALLONS	DATE	GALLONS	DATE	GALLONS	DATE	GALLONS	DATE	GALLONS	DATE	GALLONS
7/1/22	54,959	8/1/22	35,505	9/1/22	54,253	10/1/22	Saturday	11/1/22	47,195	12/1/22	35,257
7/2/22	Saturday	8/2/22	36,973	9/2/22	no work	10/2/22	Sunday	11/2/22	55,245	12/2/22	52,225
7/3/22	Sunday	8/3/22	37,181	9/3/22	Saturday	10/3/22	34,329	11/3/22	25,745	12/3/22	Saturday
7/4/22	holiday	8/4/22	33,682	9/4/22	Sunday	10/4/22	53,362	11/4/22	no work	12/4/22	sunday
7/5/22	56,548	8/5/22	30661	9/5/22	holiday	10/5/22	48,942	11/5/22	Saturday	12/5/22	31,975
7/6/22	53,095	8/6/22	Saturday	9/6/22	44,460	10/6/22	42,313	11/6/22	Sunday	12/6/22	32,117
7/7/22	46,722	8/7/22	Sunday	9/7/22	48,946	10/7/22	31,588	11/7/22	51,936	12/7/22	31,128
7/8/22	47,296	8/8/22	47,514	9/8/22	49,312	10/8/22	Saturday	11/8/22	49,199	12/8/22	31,831
7/9/22	Saturday	8/9/22	47,432	9/9/22	no work	10/9/22	sunday	11/9/22	61,325	12/9/22	10,150
7/10/22	Sunday	8/10/22	40,212	9/10/22	Saturday	10/10/22	32,410	11/10/22	50,003	12/10/22	Saturday
7/11/22	43,983	8/11/22	45,925	9/11/22	sunday	10/11/22	29,903	11/11/22	28,620	12/11/22	sunday
7/12/22	45,563	8/12/22	34,268	9/12/22	34,691	10/12/22	37,422	11/12/22	Saturday	12/12/22	31,065
7/13/22	41,985	8/13/22	Saturday	9/13/22	54,867	10/13/22	40,188	11/13/22	Sunday	12/13/22	48,415
7/14/22	44,251	8/14/22	Sunday	9/14/22	44,970	10/14/22	no work	11/14/22	43,896	12/14/22	36,684
7/15/22	45,824	8/15/22	42,809	9/15/22	52,740	10/15/22	Saturday	11/15/22	76,252	12/15/22	27,442
7/16/22	Saturday	8/16/22	42,021	9/16/22	no work	10/16/22	sunday	11/16/22	57,696	12/16/22	12,556
7/17/22	Sunday	8/17/22	39,542	9/17/22	Saturday	10/17/22	28,327	11/17/22	39,256	12/17/22	Saturday
7/18/22	58,378	8/18/22	44,703	9/18/22	Sunday	10/18/22	23,471	11/18/22	38,245	12/18/22	sunday
7/19/22	57,439	8/19/22	31,341	9/19/22	42,719	10/19/22	25,269	11/19/22	Saturday	12/19/22	12,274
7/20/22	59,053	8/20/22	Saturday	9/20/22	41,484	10/20/22	23,980	11/20/22	Sunday	12/20/22	25,875
7/21/22	44,496	8/21/22	Sunday	9/21/22	41,484	10/21/22	no work	11/21/22	62,097	12/21/22	no work
7/22/22	46314	8/22/22	41,303	9/22/22	41,215	10/22/22	Saturday	11/22/22	36,306	12/22/22	no work
7/23/22	Saturday	8/23/22	38,256	9/23/22	no work	10/23/22	Sunday	11/23/22	holiday	12/23/22	no work
7/24/22	sunday	8/24/22	28,256	9/24/22	Saturday	10/24/22	33,706	11/24/22	holiday	12/24/22	saturday
7/25/22	47551	8/25/22	36,871	9/25/22	Sunday	10/25/22	38,522	11/25/22	holiday	12/25/22	sunday
7/26/22	53,492	8/26/22	40,689	9/26/22	43,441	10/26/22	35,081	11/26/22	Saturday	12/26/22	Monday
7/27/22	73,306	8/27/22	Saturday	9/27/22	42,060	10/27/22	46,883	11/27/22	Sunday	12/27/22	no work
7/28/22	64,349	8/28/22	Sunday	9/28/22	42,784	10/28/22	no work	11/28/22	43,576	12/28/22	no work
7/29/22	71,869	8/29/22	31,963	9/29/22	39,373	10/29/22	Saturday	11/29/22	39,247	12/29/22	no work
7/30/22	Saturday	8/30/22	45,143	9/30/22	5,796	10/30/22	sunday	11/30/22	36,750	12/30/22	no work
7/31/22	Sunday	8/31/22	45,813			10/31/22	no work			12/31/22	Saturday

Total Gallons Per Month	1,056,473	898,063	724,595	605,696	842,589	418,994	4,546,410
Max Gallons Per Day	71,869	47,514	54,253	48,942	76,252	52,225	
Avg Gallons Per Day	53,478	39,046	42,623	35,629	46,811	29,928	

SEMI-ANNUAL REPORT CALCULATION WORKSHEET (July 2022-December 2022)

Process	Average	Maximum	Type of Discharge
Regulated (Core & Anc)	42096	76252	POTW Continuous
Regulated (Cyanide)	0	0	NA
§403.6(e) Unregulated*	0	0	NA
§403.6(e) Dilute	0	0	NA
Cooling Water	0	0	NA
Sanitary	2155	3993	POTW Continuous
<b>Total Flow to POTW</b>	<b>44,250.93</b>	<b>80,154.66</b>	<b>*****</b>

TOTAL H2O TO PLANT*	NUMBER OF DAYS	AVERAGE GALLONS PER DAY	TOTAL H2O TREATED**	% OF H2O TREATED	MAXIMUM DAY TREATED**	MAXIMUM GALLONS PER DAY
4,779,100	108	44251	4546419	95.1%	76252	80155

DX

TOTAL H2O TREATED**	NUMBER OF DAYS	AVERAGE REGULATED TOTAL	AVERAGE GALLONS PER DAY	AVERAGE SANITARY	MAXIMUM DAY TREATED**	MAXIMUM GALLONS PER DAY	MAXIMUM SANITARY
4,546,410	108	42096	44251	2155	76252	80155	3993
		<b>42096 38889</b>	<b>D12</b>		<b>F12</b>		

\*NUMBERS FROM WATER BILLS

\*\*NUMBERS FROM THE ECOLOGY LOG BOOK

Location Meter #	USAGES					
	To Plater	NE Front	SE Front	Plastics	Toilet Seats	Toilet Seats
4097500	4098000	4099000	4100000	4110000	4111000	
January	122,800	228,000	734,000		67,500	38,400
February	113,500	264,900	817,000		641,000	70,500
March	105,600	227,000	947,000		503,600	67,900
April	118,100	217,400	558,000		445,500	72,900
May	142,900	152,600	524,000		504,600	74,400
June	191,200	225,200	654,000		638,700	104,600
July	351,100	353,800	343,000		447,600	71,000
August	248,300	293,900	409,000		1,135,200	69,900
September	144,200	137,200	449,000		305,800	96,300
October	148,300	163,000	268,000		253,000	52,900
November	146,000	140,100	395,000		204,100	33,900
December	110,700	244,500	434,000		433,900	44,300
<b>6MO Total</b>	<b>1,148,600</b>	<b>1,332,500</b>	<b>2,298,000</b>	<b>0</b>	<b>2,779,600</b>	<b>368,300</b>

Faucet Plant Total (gals) 4,779,100

	Cd Max	Cd Avg	Cr Max	Cr Avg	Cu Max	Cu Avg	Pb Max	Pb Avg	Ni Max	Ni Avg	Ag Max	Ag Avg	Zn Max	Zn Avg	TTO Max	TTO Avg	Cn Max	Cn Avg
July	0.0013	0.0013	0.101	0.101	0.184	0.184	0.03	0.03	0.197	0.197	0.02	0.02	0.05	0.05				
August	0.0013	0.0013	0.461	0.461	0.296	0.296	0.03	0.03	0.106	0.106	0.02	0.02	0.22	0.22				
September	0.0013	0.0013	0.905	0.905	1.27	1.27	0.03	0.03	0.884	0.884	0.02	0.02	0.47	0.47				
October	0.0013	0.0013	0.203	0.203	0.137	0.137	0.03	0.03	0.36	0.36	0.02	0.02	0.1	0.1				
November	0.0013	0.0013	0.234	0.234	0.535	0.535	0.03	0.03	0.334	0.334	0.02	0.02	0.58	0.58				
December	0.0013	0.0013	0.0836	0.0836	0.345	0.345	0.03	0.03	0.121	0.121	0.02	0.02	0.16	0.16	0.01	0.01	0.5	0.5
Max Measured	0.0013		0.905		1.27		0.03		0.884		0.02		0.58		0.01		0.5	
Avg Measured	0.0013		0.33126667		0.46		0.03		0.33366667		0.02		0.26		0.01		0.5	



8100 National Dr. - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

22 December 2022

Lekeisha Adams  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Semiannual Wastewater Sample(s)

Project Number: December 2022

SDG Number: 2212443

Enclosed are the results of analyses for samples received by the laboratory on 15-Dec-22 15:41. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Received On Ice	✓
Temperature on Receipt	6.0°C

Sincerely,

A handwritten signature in cursive script that reads "Norma James".

---

Norma James  
Technical Director

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22 December 2022

Lekeisha Adams  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Semiannual Wastewater Sample(s)  
Project Number: December 2022  
Date Received: 15-Dec-22 15:41



## CASE NARRATIVE

Sample Delivery Group – 2212443

**One OR more of the qualifiers described below may appear in this report. Qualifiers in **RED** apply to this SDG (Sample Delivery Group).**

### CALIBRATION QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
CR	Result above highest calibration standard, but within linear calibration range.
Est3	Result at the instrument was above the concentration of the highest standard in the calibration curve.
E2-F	Second Source Verification Failure
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E35	Low Level CCV Failure

### QUALITY CONTROL QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
E20	Sample used as "parent" for the associated analytical batch.
%D3/S-01	Surrogate failed to recover within acceptance criteria (%D3/S-01).
E1	Results associated with this surrogate were qualified as "estimated" (E1).
B	Present in the Associated Blank
B1	Present in Blank, but <b>Not</b> In the Sample.
%D2 / E5	Laboratory Control Spike (LCS) and/or Laboratory Control Spike Duplicate (LCSD) failed to recover with acceptance criteria (%D2). Associated results were qualified as "estimated" (E5).
%D1	Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) failed acceptance criteria
MBA	Failed criteria due to the high concentration of analyte in the parent sample.
MBI	Failed criteria due to an interference in the parent sample.
%D3	Quality Control Surrogate failed acceptance criteria.
NREC	Quality Control Surrogate failed.

Lekeisha Adams  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Semiannual Wastewater Sample(s)

Project Number: December 2022

Date Received: 15-Dec-22 15:41

**ANALYTICAL RESULTS**

Lab Number:		2212443-01					
Sample Name:		Wastewater Composite					
Date/Time Collected:		12/15/22 3:30					
Sample Matrix:		Water					
<u>Acid Compounds</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>	
2,4,6-Trichlorophenol	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2,4-Dichlorophenol	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2,4-Dimethylphenol	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2,4-Dinitrophenol	ug/L	< 50.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2-Chlorophenol	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2-Nitrophenol	ug/L	< 20.0		12/20/22 13:21	B212434	EPA 625.1-2016	
4,6-Dinitro-o-cresol	ug/L	< 50.0		12/20/22 13:21	B212434	EPA 625.1-2016	
4-Chloro-3-methylphenol	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
4-Nitrophenol	ug/L	< 50.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Pentachlorophenol	ug/L	< 5.00		12/20/22 13:21	B212434	EPA 625.1-2016	
Phenol	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2,4,6-Tribromophenol [surr]	%	116		12/20/22 13:21	B212434	EPA 625.1-2016	
2-Fluorophenol [surr]	%	44.6		12/20/22 13:21	B212434	EPA 625.1-2016	
Phenol-d5 [surr]	%	34.2		12/20/22 13:21	B212434	EPA 625.1-2016	
<u>Base/Neutral Compounds</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>	
1,2,4-Trichlorobenzene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
1,2-Dichlorobenzene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
1,2-Diphenyl Hydrazine	ug/L	< 20.0		12/20/22 13:21	B212434	EPA 625.1-2016	
1,3-Dichlorobenzene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
1,4-Dichlorobenzene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2,3,7,8-TCDD (SIM)	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2,2'-Oxybis(1-Chloropropane)	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2,4-Dinitrotoluene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2,6-Dinitrotoluene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
2-Chloronaphthalene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
3,3'-Dichlorobenzidine	ug/L	< 5.00		12/20/22 13:21	B212434	EPA 625.1-2016	
4-Bromophenyl-phenylether	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
4-Chlorophenyl-phenylether	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Acenaphthene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Acenaphthylene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Anthracene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Benzidine	ug/L	< 50.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Benzo[a]pyrene	ug/L	< 5.00		12/20/22 13:21	B212434	EPA 625.1-2016	
Benzo[b]fluoranthene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Benzo[g,h,i]perylene	ug/L	< 20.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Benzo[k]fluoranthene	ug/L	< 5.00		12/20/22 13:21	B212434	EPA 625.1-2016	
Benzo (a) anthracene	ug/L	< 5.00		12/20/22 13:21	B212434	EPA 625.1-2016	
Bis(2-chloroethoxy)methane	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Bis(2-chloroethyl)ether	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Bis(2-ethylhexyl)phthalate	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Butylbenzylphthalate	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016	
Chrysene	ug/L	< 5.00		12/20/22 13:21	B212434	EPA 625.1-2016	
Dibenz[a,h]anthracene	ug/L	< 5.00		12/20/22 13:21	B212434	EPA 625.1-2016	

Lekeisha Adams  
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### ANALYTICAL RESULTS

Lab Number:		2212443-01				
Sample Name:		Wastewater Composite				
Date/Time Collected:		12/15/22 3:30				
Sample Matrix:		Water				
<u>Base/Neutral Compounds</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Diethylphthalate	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Dimethylphthalate	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Di-n-butylphthalate	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Di-n-octylphthalate	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Fluoranthene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Fluorene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Hexachlorobenzene	ug/L	< 5.00		12/20/22 13:21	B212434	EPA 625.1-2016
Hexachlorobutadiene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Hexachlorocyclopentadiene	ug/L	< 10.0	E-01	12/20/22 13:21	B212434	EPA 625.1-2016
Hexachloroethane	ug/L	< 20.0		12/20/22 13:21	B212434	EPA 625.1-2016
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		12/20/22 13:21	B212434	EPA 625.1-2016
Isophorone	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Naphthalene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Nitrobenzene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
N-Nitrosodimethylamine	ug/L	< 50.0		12/20/22 13:21	B212434	EPA 625.1-2016
n-Nitrosodiphenylamine	ug/L	< 20.0	E21	12/20/22 13:21	B212434	EPA 625.1-2016
N-Nitroso-di-n-propylamine	ug/L	< 20.0		12/20/22 13:21	B212434	EPA 625.1-2016
Phenanthrene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
Pyrene	ug/L	< 10.0		12/20/22 13:21	B212434	EPA 625.1-2016
2-Fluorobiphenyl [surr]	%	64.7		12/20/22 13:21	B212434	EPA 625.1-2016
Nitrobenzene-d5 [surr]	%	66.2		12/20/22 13:21	B212434	EPA 625.1-2016
Terphenyl-d14 [surr]	%	93.1		12/20/22 13:21	B212434	EPA 625.1-2016
<u>Pesticides/PCBs</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Aldrin	ug/L	< 0.010		12/20/22 13:28	B212455	EPA 608.3-2016
alpha-BHC	ug/L	< 0.009		12/20/22 13:28	B212455	EPA 608.3-2016
beta-BHC	ug/L	< 0.018		12/20/22 13:28	B212455	EPA 608.3-2016
gamma-BHC (Lindane)	ug/L	< 0.027		12/20/22 13:28	B212455	EPA 608.3-2016
delta-BHC	ug/L	< 0.012	E20	12/20/22 13:28	B212455	EPA 608.3-2016
Chlordane	ug/L	< 0.042		12/20/22 13:28	B212455	EPA 608.3-2016
alpha-Chlordane	ug/L	< 0.050		12/20/22 13:28	B212455	EPA 608.3-2016
gamma-Chlordane	ug/L	< 0.050		12/20/22 13:28	B212455	EPA 608.3-2016
4,4'-DDT	ug/L	< 0.036		12/20/22 13:28	B212455	EPA 608.3-2016
4,4'-DDE	ug/L	< 0.012		12/20/22 13:28	B212455	EPA 608.3-2016
4,4'-DDD	ug/L	< 0.033		12/20/22 13:28	B212455	EPA 608.3-2016
Dieldrin	ug/L	< 0.020		12/20/22 13:28	B212455	EPA 608.3-2016
Endosulfan I	ug/L	< 0.042		12/20/22 13:28	B212455	EPA 608.3-2016
Endosulfan II	ug/L	< 0.012		12/20/22 13:28	B212455	EPA 608.3-2016
Endosulfan sulfate	ug/L	< 0.012		12/20/22 13:28	B212455	EPA 608.3-2016
Endrin	ug/L	< 0.018		12/20/22 13:28	B212455	EPA 608.3-2016
Endrin aldehyde	ug/L	< 0.070	E20	12/20/22 13:28	B212455	EPA 608.3-2016
Heptachlor	ug/L	< 0.009		12/20/22 13:28	B212455	EPA 608.3-2016
Heptachlor epoxide	ug/L	< 0.010		12/20/22 13:28	B212455	EPA 608.3-2016
Chlorpyrifos	ug/L	< 0.070		12/20/22 13:28	B212455	EPA 608.3-2016

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**ANALYTICAL RESULTS**

Lab Number: 2212443-01  
Sample Name: Wastewater Composite  
Date/Time Collected: 12/15/22 3:30  
Sample Matrix: Water

<u>Pesticides/PCBs</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Aroclor-1242	ug/L	< 0.200		12/20/22 13:28	B212455	EPA 608.3-2016
Aroclor-1254	ug/L	< 0.200		12/20/22 13:28	B212455	EPA 608.3-2016
Aroclor-1221	ug/L	< 0.200		12/20/22 13:28	B212455	EPA 608.3-2016
Aroclor-1232	ug/L	< 0.200		12/20/22 13:28	B212455	EPA 608.3-2016
Aroclor-1248	ug/L	< 0.200		12/20/22 13:28	B212455	EPA 608.3-2016
Aroclor-1260	ug/L	< 0.200		12/20/22 13:28	B212455	EPA 608.3-2016
Aroclor-1016	ug/L	< 0.200		12/20/22 13:28	B212455	EPA 608.3-2016
Toxaphene	ug/L	< 0.300		12/20/22 13:28	B212455	EPA 608.3-2016
TCMX [surr]	%	38.6		12/20/22 13:28	B212455	EPA 608.3-2016
DCBP [surr]	%	49.2		12/20/22 13:28	B212455	EPA 608.3-2016
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Arsenic	mg/L	< 0.0624		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
Cadmium	mg/L	< 0.00125		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
Chromium	mg/L	0.0836		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
Copper	mg/L	0.345		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
Lead	mg/L	< 0.0312		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
Mercury	mg/L	< 0.000200		12/16/22 12:31	B212394	SW7470A/EPA245 1,3 0- 19
Molybdenum	mg/L	< 0.0728		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
Nickel	mg/L	0.121		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
Selenium	mg/L	< 0.0624		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
Silver	mg/L	< 0.0208		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
Zinc	mg/L	0.158		12/20/22 13:38	B212391	EPA 200.7, Rev 4.4 (1994)
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
BOD-5	mg/L	12.6		12/16/22 13:00	B212356	SM 5210 B-2011, Hach 1036
TSS	mg/L	7.00		12/20/22 9:00	B212448	I-3765-85/SM2540 D-2011

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**ANALYTICAL RESULTS**

Lab Number: 2212443-01RE1  
 Sample Name: Wastewater Composite  
 Date/Time Collected: 12/15/22 3:30  
 Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1-Dichloroethane	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
1,1-Dichloroethene	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
1,1,1-Trichloroethane	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
1,1,2-Trichloroethane	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
1,1,2,2-Tetrachloroethane	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
1,2-Dichloropropane	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
1,2-Dichloroethane	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
2-Chloroethyl vinyl ether	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Acrylonitrile	ug/L	< 20.0		12/16/22 14:35	B212328	EPA 624.1-2016
Benzene	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Bromodichloromethane	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Bromoform	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Acrolein	ug/L	< 50.0		12/16/22 14:35	B212328	EPA 624.1-2016
Bromomethane	ug/L	< 50.0		12/16/22 14:35	B212328	EPA 624.1-2016
Carbon tetrachloride	ug/L	< 2.00		12/16/22 14:35	B212328	EPA 624.1-2016
Chlorobenzene	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Dibromochloromethane	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Chloroethane	ug/L	< 50.0		12/16/22 14:35	B212328	EPA 624.1-2016
Chloroform	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Chloromethane	ug/L	< 50.0		12/16/22 14:35	B212328	EPA 624.1-2016
Ethylbenzene	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Methylene chloride	ug/L	< 20.0		12/16/22 14:35	B212328	EPA 624.1-2016
Tetrachloroethene	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Toluene	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
trans-1,2-Dichloroethene	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Trichloroethene	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
trans-1,3-Dichloropropene	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
Vinyl chloride	ug/L	< 10.0		12/16/22 14:35	B212328	EPA 624.1-2016
4-Bromofluorobenzene [surr]	%	101		12/16/22 14:35	B212328	EPA 624.1-2016
1,2-Dichloroethane-d4 [surr]	%	104		12/16/22 14:35	B212328	EPA 624.1-2016
Toluene-d8 [surr]	%	98.6		12/16/22 14:35	B212328	EPA 624.1-2016

**ANALYTICAL RESULTS**

Lab Number: 2212443-02  
 Sample Name: Wastewater Grab  
 Date/Time Collected: 12/15/22 3:30  
 Sample Matrix: Water

<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.010		12/20/22 10:23	B212453	SM 4500-CN B.E-2011
Oil and Grease	mg/L	< 5.15		12/21/22 9:30	B212484	EPA1664 Mod. Rev. B 2010

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**QUALITY CONTROL RESULTS**

Volatiles -- Batch: B212328 (Water)

Prepared: 15-Dec-22 08:03 By: CT -- Analyzed: 15-Dec-22 20:28 By: ct

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,1,1-Trichloroethane	<10.0 ug/L	98.7% / NA	99.5% / 96.0%		3.56%	
1,1,2,2-Tetrachloroethane	<10.0 ug/L	111% / NA	120% / 114%		4.87%	
1,1,2-Trichloroethane	<10.0 ug/L	106% / NA	103% / 103%		0.0901%	
1,1-Dichloroethane	<10.0 ug/L	107% / NA	106% / 100%		4.92%	
1,1-Dichloroethene	<10.0 ug/L	98.7% / NA	97.5% / 92.1%		5.65%	
1,2-Dichloroethane	<10.0 ug/L	101% / NA	101% / 98.7%		2.65%	
1,2-Dichloropropane	<10.0 ug/L	100% / NA	98.2% / 97.3%		0.853%	
2-Chloroethyl vinyl ether	<10.0 ug/L	17.8% / NA	MBI / MBI		%	MBI
Acrolein	<50.0 ug/L	138% / NA	158% / 152%		4.32%	
Acrylonitrile	<20.0 ug/L	83.4% / NA	111% / 109%		1.59%	
Benzene	<10.0 ug/L	103% / NA	103% / 97.7%		5.35%	
Bromodichloromethane	<10.0 ug/L	105% / NA	103% / 100%		3.19%	
Bromoform	<10.0 ug/L	107% / NA	109% / 105%		3.19%	
Bromomethane	<50.0 ug/L	81.7% / NA	127% / 114%		11.0%	
Carbon tetrachloride	<2.00 ug/L	97.8% / NA	99.5% / 95.8%		3.85%	
Chlorobenzene	<10.0 ug/L	94.5% / NA	93.9% / 90.2%		4.03%	
Chloroethane	<50.0 ug/L	83.6% / NA	84.6% / 81.9%		3.20%	
Chloroform	<10.0 ug/L	105% / NA	102% / 98.5%		3.56%	
Chloromethane	<50.0 ug/L	72.8% / NA	77.2% / 72.2%		6.76%	
Dibromochloromethane	<10.0 ug/L	104% / NA	106% / 103%		2.38%	
Ethylbenzene	<10.0 ug/L	103% / NA	103% / 99.2%		3.85%	
Methylene chloride	<20.0 ug/L	98.9% / NA	97.5% / 94.1%		3.58%	
Tetrachloroethene	<10.0 ug/L	97.7% / NA	99.0% / 95.5%		3.64%	
Toluene	<10.0 ug/L	102% / NA	99.4% / 96.0%		3.41%	
trans-1,2-Dichloroethene	<10.0 ug/L	104% / NA	99.3% / 96.8%		2.52%	
trans-1,3-Dichloropropene	<10.0 ug/L	111% / NA	107% / 107%		0.412%	
Trichloroethene	<10.0 ug/L	95.2% / NA	89.7% / 89.4%		0.309%	
Vinyl chloride	<10.0 ug/L	78.2% / NA	83.1% / 78.9%		5.22%	
1,2-Dichloroethane-d4 [surr]	107 %	103% / NA	106% / 106%		NA	
4-Bromofluorobenzene [surr]	103 %	103% / NA	104% / 103%		NA	
Toluene-d8 [surr]	96.1 %	99.1% / NA	99.9% / 99.7%		NA	

Wet Chemistry -- Batch: B212356 (Water)

Prepared: 16-Dec-22 07:21 By: AP -- Analyzed: 16-Dec-22 07:21 By: AP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
BOD-5	<2.00 mg/L	85.9% / 87.4%	NA / NA		1.75%	

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**QUALITY CONTROL RESULTS**

**Total Metals -- Batch: B212391 (Water)**

Prepared: 16-Dec-22 11:39 By: BS -- Analyzed: 20-Dec-22 13:01 By: ST

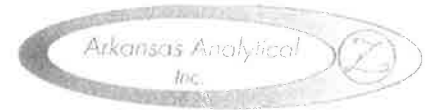
<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Arsenic	<0.0624 mg/L	99.5% / NA	101% / 102%		0.604%	
Cadmium	<0.00125 mg/L	104% / NA	103% / 100%		2.14%	
Chromium	<0.0125 mg/L	101% / NA	101% / 99.1%		2.19%	
Copper	<0.0208 mg/L	96.0% / NA	98.6% / 95.7%		2.65%	
Lead	<0.0312 mg/L	104% / NA	101% / 97.3%		3.38%	
Molybdenum	<0.0728 mg/L	97.3% / NA	102% / 102%		0.0522%	
Nickel	<0.0104 mg/L	102% / NA	102% / 99.0%		2.56%	
Selenium	<0.0624 mg/L	97.5% / NA	101% / 99.6%		1.77%	
Silver	<0.0208 mg/L	100% / NA	99.9% / 96.7%		3.24%	
Zinc	<0.0208 mg/L	105% / NA	105% / 103%		0.726%	

**Total Metals -- Batch: B212394 (Water)**

Prepared: 16-Dec-22 11:45 By: BS -- Analyzed: 16-Dec-22 12:25 By: BS

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Mercury	<0.000200 mg/L	98.0% / NA	97.4% / 99.1%		1.74%	

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**QUALITY CONTROL RESULTS**

Base/Neutral Compounds -- Batch: B212434 (Water)

Prepared: 19-Dec-22 12:16 By: TB -- Analyzed: 20-Dec-22 12:58 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,2,4-Trichlorobenzene	<0.561 ug/L	54.2% / NA	54.3% / 54.2%		0.189%	
1,2-Dichlorobenzene	<0.514 ug/L	52.9% / NA	50.7% / 50.5%		0.355%	
1,2-Diphenyl Hydrazine	<1.81 ug/L	88.0% / NA	79.0% / 77.6%		1.80%	
1,3-Dichlorobenzene	<0.470 ug/L	52.8% / NA	49.7% / 49.2%		1.07%	
1,4-Dichlorobenzene	<0.527 ug/L	52.9% / NA	49.4% / 49.5%		0.339%	
2,2'-Oxybis(1-Chloropropane)	<0.394 ug/L	68.6% / NA	61.8% / 60.5%		2.20%	
2,3,7,8-TCDD (SIM)	<1.00 ug/L	NA / NA	NA / NA		NA	
2,4,6-Trichlorophenol	<0.507 ug/L	93.9% / NA	81.8% / 83.0%		1.49%	
2,4-Dichlorophenol	<0.449 ug/L	79.8% / NA	73.8% / 73.4%		0.570%	
2,4-Dimethylphenol	<1.12 ug/L	81.8% / NA	73.0% / 73.1%		0.257%	
2,4-Dinitrophenol	<0.642 ug/L	83.7% / NA	86.1% / 83.4%		3.15%	
2,4-Dinitrotoluene	<0.656 ug/L	98.4% / NA	84.0% / 86.6%		3.07%	
2,6-Dinitrotoluene	<0.656 ug/L	92.9% / NA	78.1% / 79.2%		1.41%	
2-Chloronaphthalene	<0.515 ug/L	68.0% / NA	63.1% / 65.3%		3.37%	
2-Chlorophenol	<0.433 ug/L	78.0% / NA	66.8% / 64.5%		3.55%	
2-Nitrophenol	<0.554 ug/L	77.5% / NA	67.3% / 67.3%		0.00639%	
3,3'-Dichlorobenzidine	<0.233 ug/L	72.8% / NA	64.3% / 64.9%		0.841%	
4,6-Dinitro-o-cresol	<0.643 ug/L	90.7% / NA	85.0% / 83.3%		2.07%	
4-Bromophenyl-phenylether	<0.580 ug/L	85.8% / NA	80.9% / 78.0%		3.54%	
4-Chloro-3-methylphenol	<0.567 ug/L	77.5% / NA	75.3% / 76.4%		1.50%	
4-Chlorophenyl-phenylether	<0.563 ug/L	81.7% / NA	73.3% / 75.3%		2.70%	
4-Nitrophenol	<0.607 ug/L	68.5% / NA	56.0% / 57.7%		3.04%	
Acenaphthene	<0.523 ug/L	71.6% / NA	66.4% / 67.9%		2.36%	
Acenaphthylene	<0.487 ug/L	70.6% / NA	64.2% / 65.9%		2.53%	
Anthracene	<0.566 ug/L	95.1% / NA	83.8% / 82.1%		2.06%	
Benzidine	<0.522 ug/L	55.3% / NA	45.3% / 43.9%		3.09%	
Benzo (a) anthracene	<0.475 ug/L	95.0% / NA	82.3% / 81.6%		0.870%	
Benzo[a]pyrene	<0.566 ug/L	97.2% / NA	81.5% / 81.9%		0.425%	
Benzo[b]fluoranthene	<0.482 ug/L	97.8% / NA	83.6% / 83.8%		0.218%	
Benzo[g,h,i]perylene	<0.529 ug/L	98.4% / NA	84.2% / 82.3%		2.23%	
Benzo[k]fluoranthene	<0.516 ug/L	96.3% / NA	84.2% / 83.2%		1.17%	
Bis(2-chloroethoxy)methane	<0.461 ug/L	76.6% / NA	68.8% / 68.7%		0.183%	
Bis(2-chloroethyl)ether	<0.458 ug/L	70.4% / NA	61.9% / 60.7%		1.94%	
Bis(2-ethylhexyl)phthalate	<0.598 ug/L	98.8% / NA	85.1% / 86.1%		1.17%	
Butylbenzylphthalate	<0.637 ug/L	95.8% / NA	85.0% / 86.8%		2.04%	
Chrysene	<0.489 ug/L	95.4% / NA	82.6% / 83.8%		1.45%	
Dibenz[a,h]anthracene	<0.389 ug/L	100% / NA	85.6% / 84.7%		1.16%	
Diethylphthalate	<0.456 ug/L	93.1% / NA	77.9% / 80.1%		2.73%	
Dimethylphthalate	<0.516 ug/L	92.8% / NA	77.3% / 79.7%		3.09%	
Di-n-butylphthalate	<0.607 ug/L	99.5% / NA	88.3% / 88.5%		0.136%	
Di-n-octylphthalate	<0.407 ug/L	101% / NA	87.3% / 88.1%		0.850%	
Fluoranthene	<0.575 ug/L	94.4% / NA	83.9% / 84.8%		1.05%	
Fluorene	<0.498 ug/L	84.5% / NA	75.3% / 76.1%		1.13%	
Hexachlorobenzene	<0.560 ug/L	91.3% / NA	81.9% / 78.7%		3.95%	
Hexachlorobutadiene	<0.461 ug/L	54.7% / NA	54.4% / 54.4%		0.0685%	
Hexachlorocyclopentadiene	<0.303 ug/L	62.8% / NA	58.3% / 58.4%		0.176%	E-01
Hexachloroethane	<0.958 ug/L	52.0% / NA	48.1% / 47.4%		1.37%	
Indeno[1,2,3-cd]pyrene	<0.502 ug/L	96.3% / NA	82.5% / 81.7%		0.995%	



22 December 2022

Lekeisha Adams  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Semiannual Wastewater Sample(s)  
 Project Number: December 2022  
 Date Received: 15-Dec-22 15:41



**QUALITY CONTROL RESULTS**

**Base/Neutral Compounds -- Batch: B212434 (Water)**

Prepared: 19-Dec-22 12:16 By: TB -- Analyzed: 20-Dec-22 12:58 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Isophorone	<0.535 ug/L	76.1% / NA	58.7% / 66.5%		12.4%	
Naphthalene	<0.480 ug/L	56.0% / NA	57.1% / 57.6%		0.898%	
Nitrobenzene	<0.456 ug/L	75.9% / NA	66.2% / 64.9%		1.95%	
N-Nitrosodimethylamine	<0.372 ug/L	51.0% / NA	40.9% / 40.8%		0.244%	
N-Nitroso-di-n-propylamine	<0.414 ug/L	80.0% / NA	65.8% / 64.2%		2.48%	
n-Nitrosodiphenylamine	<0.425 ug/L	92.8% / NA	82.8% / 81.4%		1.72%	E21
Pentachlorophenol	<0.311 ug/L	108% / NA	107% / 108%		1.21%	
Phenanthrene	<0.572 ug/L	93.3% / NA	81.4% / 80.7%		0.851%	
Phenol	<0.348 ug/L	43.4% / NA	34.7% / 38.7%		11.0%	
Pyrene	<0.489 ug/L	95.1% / NA	82.1% / 85.6%		4.25%	
2,4,6-Tribromophenol [surr]	90.8 %	97.6% / NA	86.6% / 88.6%		NA	
2-Fluorobiphenyl [surr]	67.1 %	71.3% / NA	59.4% / 60.4%		NA	
2-Fluorophenol [surr]	56.3 %	50.8% / NA	40.8% / 40.3%		NA	
Nitrobenzene-d5 [surr]	76.0 %	74.1% / NA	60.3% / 60.0%		NA	
Phenol-d5 [surr]	40.7 %	38.9% / NA	31.2% / 31.2%		NA	
Terphenyl-d14 [surr]	104 %	100% / NA	88.4% / 88.8%		NA	

**Wet Chemistry -- Batch: B212448 (Water)**

Prepared: 20-Dec-22 09:00 By: AP -- Analyzed: 20-Dec-22 09:00 By: AP

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	97.0% / 103%	NA / NA		6.00%	

**Wet Chemistry -- Batch: B212453 (Water)**

Prepared: 20-Dec-22 10:23 By: JB -- Analyzed: 20-Dec-22 10:23 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.010 mg/L	104% / 102%	104% / NA		1.93%	

22 December 2022



Lekeisha Adams  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Semiannual Wastewater Sample(s)  
 Project Number: December 2022  
 Date Received: 15-Dec-22 15:41

**QUALITY CONTROL RESULTS**

**Pesticides/PCBs -- Batch: B212455 (Water)**

Prepared: 20-Dec-22 13:09 By: TB -- Analyzed: 20-Dec-22 14:57 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
4,4'-DDD	<0.002 ug/L	74.0% / NA	67.3% / 60.1%		11.2%	
4,4'-DDE	<0.001 ug/L	62.2% / NA	57.1% / 51.3%		10.6%	
4,4'-DDT	<0.001 ug/L	70.4% / NA	65.8% / 59.6%		9.87%	
Aldrin	<0.0005 ug/L	49.3% / NA	55.1% / 49.1%		11.5%	
alpha-BHC	<0.0006 ug/L	48.2% / NA	49.3% / 44.1%		11.0%	
beta-BHC	<0.002 ug/L	84.4% / NA	90.0% / 83.6%		7.42%	
Chlorpyrifos	<0.003 ug/L	NA / NA	NA / NA		NA	
delta-BHC	<0.002 ug/L	98.1% / NA	MBI / MBI		NA	MBI
Dieldrin	<0.001 ug/L	56.7% / NA	56.6% / 47.7%		17.0%	
Endosulfan I	<0.0003 ug/L	62.4% / NA	52.9% / 48.0%		9.24%	
Endosulfan II	<0.0009 ug/L	65.2% / NA	59.2% / 53.5%		10.2%	
Endosulfan sulfate	<0.001 ug/L	67.0% / NA	62.7% / 57.7%		8.29%	
Endrin	<0.001 ug/L	65.7% / NA	62.6% / 56.5%		10.2%	
Endrin aldehyde	<0.001 ug/L	63.4% / NA	58.1% / 55.0%		5.56%	%D1
gamma-BHC (Lindane)	<0.001 ug/L	64.8% / NA	59.0% / 52.7%		11.3%	
Heptachlor	<0.001 ug/L	50.2% / NA	107% / 97.7%		8.99%	
Heptachlor epoxide	<0.0005 ug/L	62.6% / NA	56.3% / 50.5%		10.8%	
DCBP [surr]	83.9 %	92.4% / NA	58.3% / 59.8%		NA	
TCMX [surr]	53.4 %	49.4% / NA	25.2% / 27.3%		NA	

**Wet Chemistry -- Batch: B212484 (Water)**

Prepared: 21-Dec-22 09:30 By: LR -- Analyzed: 21-Dec-22 09:30 By: LR

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<5.00 mg/L	87.0% / 83.4%	85.0% / NA		4.26%	

**QUALIFIER(S)**

- \*%D1: Matrix Spike and/or Matrix Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
- \*E-01: Estimated Result; This Analyte Failed "High" in the CCV; If the sample is non-detect for this analyte, the CCV demonstrated the analyte would have been detected were it present.
- \*E20: Estimated Result Due to Matrix Spike and/or Matrix Spike Duplicate Failure; This sample was used as the "parent sample" in MS/MSD prep.
- \*E21: Estimated Result; This Analyte failed (low) in the CCV.
- \*MBI: Masked By Interference

All Analysis performed according to EPA approved methodology when available :  
 SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
 Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: \_\_\_\_\_  
 Norma James  
 Technical Director



510 National Dr.  
 Little Rock, AR 72209  
 PHONE: 501-455-3233  
 FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

CLIENT INFORMATION			Project Description			Turnaround Time		Preservation Codes:												
Kohler 415 South Oklahoma St. Sheridan, AR 72150			Wastewater Sample Semi-Annual TTO/PPS			1 Day (100%) 2 Day (50%) 3 Day (25%) 5 Day (Routine)		1. Cool, 6 Degrees Centigrade 2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2 3. Nitric Acid (HNO <sub>3</sub> ), pH < 2					4. Thiosulfate for Dechlorination 5. Hydrochloric Acid(HCl) 6. Sodium Hydroxide (NaOH), pH > 12							
Attn: Lekeisha Adams			Telephone: 870-942-2111			Preservative Code:		TEST PARAMETERS										Bottle Type Code		
Email: lekeisha.adams@kohler.com; eric.lites@kohler.com; lan.Laughlin@kohler.com; Anthony.Butler@kohler.com						1 1,3 1,5 1 1 1,6 1,2		1 1,3 1,5 1 1 1,6 1,2										G - Glass; P = Plastic V - Septum; A = Amber		
Sampler(s) Signature: <i>Lyone Slaughter</i>			Sampler(s) Printed: <i>Tyrone Langston</i>			BOD, TSS		As, Cd, Cr, Cu, Pb, Hg, Mo, Ni, Se, Ag, Zn										Arkansas Analytical Work Order Number: 2212413		
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	IDENTIFICATION/ DESCRIPTION										Arkansas Analytical Work Order Number: 2212413			
	12/14/22	3:30 A.M.		X	11	Water	Wastewater Composite										01			
	12/15/22	3:30 A.M.	X		2	Water	Wastewater Grab										02			
1. Relinquished by: (Signature) <i>Lyone Slaughter</i>			Date/Time: 12-15-22			2. Received by: (Signature) <i>[Signature]</i>			SAMPLE CONDITION UPON RECEIPT IN LAB										REMARKS / SAMPLE COMMENTS	
3. Relinquished by: (Signature) <i>[Signature]</i>			Date/Time: 12/15/22 1541			4. Received by lab: (Signature) <i>Sydney James</i>			1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No 2. CONTAINERS CORRECT: ___ Yes ___ No 3. COC/LABELS AGREE: ___ Yes ___ No 4. RECEIVED ON ICE: ___ Yes ___ No 5. TEMPERATURE ON RECEIPT: 6°C 6. TEMPERATURE GUN ID: HHT# 5										ONSITE MEASUREMENTS BY Kohler 6-9 pH (S.U.): 6.68 Flow: 36,684	
FOR COMPLETION BY LAB ONLY																				

**Facility Name/Location**

Name: KOHLER Co

P.O. Box 427

Sheridan, AR 72150

Facility: Sheridan Faucet Plant

Location: Oklahoma Street

Monitoring Period (M/D/Y - M/D/Y): 12/01/2022 - 12/31/2022

Monitoring Completed By (Print and Sign Name): Tyrone Langston Tyrone Langston

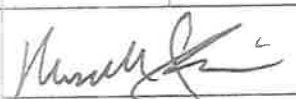
ARP00002:

Permit Number: \_\_\_\_\_

001 Treated Water

Discharge Number

DMRF00M

Parameter		Quantity or Loading			Quality or Concentration			Units	No. Ex	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum				
FLOW	Sample Measurement	.036	.036	MGD	----	----	----	mg/l	Ø	1/Month	Composite
	Permit Requirement	Report 30 day Avg	Report Daily Max		----	----	----			1/Month	Composite
PH	Sample Measurement				6.68		6.68	su	Ø	1/Month	Grab
	Permit Requirement				6.00		9.00			1/Month	Grab
TTO	Sample Measurement				----	----		mg/l		2/Year	Composite
	Permit Requirement						2.15			2/Year	Composite
CYANIDE	Sample Measurement					<0.010	<0.010	mg/l	Ø	2/Year	Grab
	Permit Requirement					0.65	1.2			2/Year	Grab
TSS	Sample Measurement						7.00	mg/l	Ø	1/Month	Composite
	Permit Requirement						250			1/Month	Composite
OIL and GREASE	Sample Measurement						< 5.15	mg/l	Ø	1/Month	Grab
	Permit Requirement					100	100			1/Month	Grab
Name/Title Principal Executive Officer Russell Skinner Safety/Environmental Coordinator James House		I certify under penalty of law that this document and all attachments were prepared under by direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who monitor the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					 Signature of Principal Executive Officer or Authorized Agent			Date: <u>1/12/23</u> Phone: <u>870 942-2111</u>	

DISCHARGE MONITORING REPORT (DMR)

Facility Name/Location

Name KOHLER Co.

P.O. Box 427

Sheridan, AR 72150

Facility: Sheridan Faucet Plant

Location: Oklahoma Street

Monitoring Period (M/D/Y - M/D/Y): 12/01/2022 - 12/31/2022

Monitoring Completed By (Print and Sign Name): Tyrone Langston Tyrone Langston


ARP00021

Permit Number

001 Treated Water

Discharge Number

DMRFORM

Parameter		Quantity or Loading			Quality or Concentration			Units	No. Ex	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Monthly Average	Daily Max				
CADMIUM	Sample Measurement				----	L.00125	L.00125	mg/l	∅	1/Month	Composite
	Permit Requirement				----	0.26	0.65			1/Month	Composite
LEAD	Sample Measurement				----	L.0312	L.0312	mg/l	∅	1/Month	Composite
	Permit Requirement				----	0.43	0.64			1/Month	Composite
SILVER	Sample Measurement				----	L.0208	L.0208	mg/l	∅	1/Month	Composite
	Permit Requirement				----	0.24	0.43			1/Month	Composite
CHROMIUM (T)	Sample Measurement				----	L.0836	L.0836	mg/l	∅	1/Month	Composite
	Permit Requirement				----	1.71	2.75			1/Month	Composite
COPPER	Sample Measurement				----	L.345	L.345	mg/l	∅	1/Month	Composite
	Permit Requirement				----	3.58	2.07			1/Month	Composite
NICKEL	Sample Measurement				----	L.121	L.121	mg/l	∅	1/Month	Composite
	Permit Requirement				----	2.38	3.98			1/Month	Composite
ZINC	Sample Measurement				----	L.158	L.158	mg/l	∅	1/Month	Composite
	Permit Requirement				----	1.48	2.61			1/Month	Composite
Name/Title Principal Executive Officer Russell Skinner Safety/Environmental Coordinator James House		<small>I certify, under penalty of law that this document and all attachments were prepared under the direction or supervision of assistance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for serious violations.</small>						 Signature of Principal Executive Officer or Authorized Agent		Date: <u>1/12/23</u> Phone: 870 942-2111	