

## Gage, Hannah

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**From:** Gilliam, Allen  
**Sent:** Wednesday, February 17, 2016 8:18 AM  
**To:** james house  
**Cc:** Gage, Hannah; sheridan david fitzgerald; 'STRATE LEWIS'; Healey, Richard  
**Subject:** AR0034347\_KOHLERs ARP000021 Jan 2016 incomplete semi-annual Pretreatment report\_20160216  
**Attachments:** Kohler January 2016 Report.pdf

James,

KOHLER's January 2016 report was received partially by USPS mail and partially via email from AR Analytical (AA). All documents were sorted chronologically and the final(?) scanned report is attached.

Unless this office is still missing more analyticals KOHLER is non-compliant with the reporting requirements in 40 CFR 403.12(e).

Compliance with the Metal Finishing Standards in 40 CFR 433.15 cannot be determined because no analyticals were submitted for the regulated parameters Cd, Pb, Ag, CN nor the Toxic Organics [40 CFR 433.11(e)] although values were placed in their respective report chart's "slots". A sample of "concrete" was taken on 9/25/15 and TCLP (hazardous waste) tested for the three (3) previously mentioned metal parameters, but does not satisfy sampling of regulated wastewater nor use of EPA approved wastewater test methods in 40 CFR 136.

The submitted analyticals from AA do not include any analysis for the Total Toxic Organics (TTO) as your cover letter indicates.

These parameters must also be sampled/analyzed for at least semi-annually. Please submit analytical data on these missing parameters within thirty (30) days of the date on this correspondence.

Thank you for your attention to this matter.

Allen Gilliam  
ADEQ State Pretreatment Coordinator  
501.682.0625

ec: Richard Healey, NPDES Enforcement Branch Manager

E/NPDES/NPDES/Pretreatment/Reports



Mr. Allen Gilliam  
NPDES Pretreatment Engineer  
Arkansas Department of Environmental Quality  
5301 Northshore Drive, North Little Rock, AR 72118

Re: **SEMI-ANNUAL REPORT 2nd HALF 2015**

Dear Mr. Gilliam,

In accordance with 40CFR403.12 (e) we are submitting semi-annual reports for the months July 1, 2015 through December 31, 2015. Attached with this report is the TTO analysis for this period.  
Please contact me at 870-917-6215 should you have any questions.

Sincerely,

James House  
Safety/Environmental Specialist

Attachments: TTO Analysis for the 2nd half of 2015

Cc: Jim Bilgo, EHS Supervisor, Kohler, WI  
Erika Strand, Global Faucets Program Coordinator  
David Fitzgerald, Sheridan Waterworks  
File



(4) FLOW MEASUREMENT

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

Process	Average	Maximum	Type of Discharge
Regulated (Core & Anc)	71,429	150,000	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	46,372	97,380	POTW Continuous
Total Flow to POTW	117,801	247,380	*****

\*"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 weekly to commercial lab for analysis. In-house testing performed twice per shift. Results of in-house tests are hand delivered to city each Monday. 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	0.008	1.48	1.28	0.015	1.66	0.02	0.56	0.02	0.00
Ave Measured	0.008	0.51	0.31	0.015	0.59	0.02	0.20	0.02	0.00

\*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/WEEK - (IN-HOUSE 2/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(e) TOXIC ORGANIC ANALYSIS ATTACHED  §433.12(a) TIO 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 instrument(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 \_\_\_\_\_ 2015

\_\_\_\_\_  
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: Jim Bilgo-Corporate EHS Program Supervisor  
David Fitzgerald - 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.

Mike Mayo  
NAME OF CORPORATE OFFICIER OR AUTHORIZED REPRESENTATIVE

  
SIGNATURE

Director of Arkansas Faucet Operations  
OFFICIAL TITLE

1/18/16  
DATE SIGNED

DATE	GALLONS	DATE	GALLONS	DATE	GALLONS	DATE	GALLONS
7/1/15	79900	8/1/15	48900	9/1/15	104000	10/1/15	92400
7/2/15	89200	8/2/15	51100	9/2/15	103700	10/2/15	57500
7/3/15	holiday	8/3/15	125000	9/3/15	98200	10/3/15	20100
7/4/15	Saturday	8/4/15	101800	9/4/15	down	10/4/15	Sunday
7/5/15	Sunday	8/5/15	92900	9/5/15	Saturday	10/5/15	120100
7/6/15	109700	8/6/15	99400	9/6/15	Sunday	10/6/15	93300
7/7/15	112100	8/7/15	62200	9/7/15	holiday	10/7/15	98600
7/8/15	99600	8/8/15	54100	9/8/15	101700	10/8/15	99100
7/9/15	97000	8/9/15	81600	9/9/15	90500	10/9/15	40900
7/10/15	49800	8/10/15	106400	9/10/15	106000	10/10/15	Saturday
7/11/15	47100	8/11/15	94500	9/11/15	111900	10/11/15	Sunday
7/12/15	35800	8/12/15	74800	9/12/15	59200	10/12/15	99200
7/13/15	108000	8/13/15	87500	9/13/15	45600	10/13/15	89400
7/14/15	96100	8/14/15	57200	9/14/15	103100	10/14/15	101000
7/15/15	117100	8/15/15	66100	9/15/15	86500	10/15/15	100400
7/16/15	104000	8/16/15	75700	9/16/15	101800	10/16/15	57700
7/17/15	47300	8/17/15	97800	9/17/15	114100	10/17/15	59200
7/18/15	55900	8/18/15	87700	9/18/15	82100	10/18/15	63700
7/19/15	53700	8/19/15	93300	9/19/15	90535	10/19/15	105700
7/20/15	98500	8/20/15	86000	9/20/15	62500	10/20/15	116400
7/21/15	89400	8/21/15	47400	9/21/15	103100	10/21/15	111700
7/22/15	30200	8/22/15	33100	9/22/15	96900	10/22/15	114900
7/23/15	40400	8/23/15	19300	9/23/15	122500	10/23/15	34400
7/24/15	34000	8/24/15	92600	9/24/15	103000	10/24/15	29600
7/25/15	31200	8/25/15	88800	9/25/15	45100	10/25/15	45200
7/26/15	Sunday	8/26/15	90800	9/26/15	68000	10/26/15	92100
7/27/15	94400	8/27/15	88300	9/27/15	21300	10/27/15	113000
7/28/15	100400	8/28/15	64100	9/28/15	96300	10/28/15	113300
7/29/15	93300	8/29/15	76400	9/29/15	107300	10/29/15	97200
7/30/15	96000	8/30/15	71500	9/30/15	97300	10/30/15	77200



7/31/15	56200	8/31/15	105500			10/31/15	27900
<b>TOTALS</b>	2066300		2421800		2322235		2271200

<b>Total Gallons Per Month</b>	2066300	2421800	2322235	2271200
<b>Max Gallons Per Day In Month</b>	117,100	125,000	122,500	120,100
<b>Avg Gallons Per Day In Month</b>	73,796	78,122	89,317	81,114
<b>Total Gallons in Reporting Period</b>	13,142,935			
<b>Max Gallons Per Day in Reporting</b>	150,000			

DATE	GALLONS	DATE	GALLONS
11/1/15	51200	12/1/15	103700
11/2/15	96000	12/2/15	111600
11/3/15	107800	12/3/15	109100
11/4/15	105600	12/4/15	62800
11/5/15	110300	12/5/15	39800
11/6/15	74500	12/6/15	37500
11/7/15	36500	12/7/15	106600
11/8/15	27500	12/8/15	116300
11/9/15	116800	12/9/15	113700
11/10/15	114800	12/10/15	106300
11/11/15	107300	12/11/15	79000
11/12/15	150000	12/12/15	32100
11/13/15	67900	12/13/15	Sunday
11/14/15	53500	12/14/15	78500
11/15/15	39500	12/15/15	84500
11/16/15	98800	12/16/15	107800
11/17/15	97100	12/17/15	109700
11/18/15	107100	12/18/15	60200
11/19/15	90200	12/19/15	32700
11/20/15	33500	12/20/15	Sunday
11/21/15	Saturday	12/21/15	76500
11/22/15	Sunday	12/22/15	76000
11/23/15	83000	12/23/15	77800
11/24/15	89000	12/24/15	Holiday
11/25/15	72100	12/25/15	Holiday
11/26/15	Holiday	12/26/15	Saturday
11/27/15	Holiday	12/27/15	Sunday
11/28/15	Saturday	12/28/15	58400
11/29/15	Sunday	12/29/15	88300
11/30/15	112000	12/30/15	72800

		12/31/15	77700
2042000		2019400	

2042000		2019400	
150,000		116,300	
85,083		80,776	



SEMI-ANNUAL REPORT CALCULATION WORKSHEET (July-December)

Process	Average	Maximum	Type of Discharge
Regulated (Core & Anc)	71429	150000	POTW Continuous
Regulated (Cyanide)	0	0	NA
§403.6(c) Unregulated*	0	0	NA
§403.6(c) Dilute	0	0	NA
Cooling Water	0	0	NA
Sanitary	46372	97380	POTW Continuous
Total Flow to POTW	117,800.54	247,379.68	*****

TOTAL H2O TO PLANT*	NUMBER OF DAYS	AVERAGE GALLONS PER DAY	TOTAL H2O TREATED**	% OF H2O TREATED	MAXIMUM DAY TREATED**	MAXIMUM GALLONS PER DAY
21675300	184	117801	13142935	60.6%	150000	247380

D6

TOTAL H2O TREATED**	NUMBER OF DAYS	AVERAGE REGULATED TOTAL	AVERAGE GALLONS PER DAY	AVERAGE SANITARY	MAXIMUM DAY TREATED**	MAXIMUM GALLONS PER DAY	MAXIMUM SANITARY
13,142,935	184	71429	117801	46372	150000	247380	97380
71428.99457		C12	D12	F12			

\*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	306,700	536,900	1,909,000		231,200	32,700
February	391,100	677,400	2,224,000		246,500	33,900
March	346,500	579,200	1,818,000		144,300	31,700
April	398,400	690,800	1,711,000		235,700	33,700
May	347,000	750,900	2,680,000		294,500	51,400
June	293,400	636,500	1,910,000		365,400	37,600
July	189,400	179,400	1,925,000		472,400	43,600
August	805,400	684,800	2,000,000		442,600	39,500
September	878,200	764,900	3,573,000		720,400	81,200
October	648,300	606,500	2,525,000		528,100	51,800
November	416,900	484,700	2,531,000		540,300	144,800
December	553,500	264,300	2,645,000		482,200	243,900
<b>6MO Total</b>	<b>3,491,700</b>	<b>2,984,600</b>	<b>15,199,000</b>	<b>0</b>	<b>3,186,000</b>	<b>604,800</b>

Faucet Plant Total 21675300

	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			0.49	0.01	0.19	0.19			0.34	0.28			0.23	0.19				
August			0.09	0.02	0.18	0.14			0.31	0.23			0.13	0.07				
September			1.48	0.06	0.41	0.23			0.99	0.61			0.86	0.27				
October			1.33	0.07	0.57	0.34			1.62	0.98			0.29	0.26				
November			0.61	0.4	0.66	0.32			0.9	0.99			0.27	0.2				
December	0.008	0.008	1.34	0.51	1.28	0.69	0.015	0.015	1.05	0.82	0.02	0.02	0.32	0.18	0	0	0.02	0.02
Max Measured	0.008		1.48		1.28		0.015		1.66		0.02		0.56		0		0.02	0.02
Avg Measured	0.008		0.511666667		0.31		0.015		0.585		0.02		0.20		0		0.02	0.02



SHERIDAN WATER & SEWER WORKS  
Usage & Charges History

2:42:30 PM

1/14/2016

Page 1 of 1

Account Number: 04097500  
Customer Name: KOHLER CO \* UTILITIES  
Service Address: 415 OKLAHOMA ST

Type User: I  
Meter Size: 20

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Date	Usage	Charges
01/2016	425200	1,808.70
02/2015	376300	1,619.23
03/2015	387000	1,658.90
04/2015	452100	1,913.02
05/2015	400000	1,709.21
06/2015	596900	2,471.33
07/2015	189400	887.83
08/2015	805400	3,279.34
09/2015	878200	3,561.52
10/2015	648300	2,671.70
11/2015	416900	1,774.85
12/2015	553500	2,304.40
Last Yr	47800	229.31

SHERIDAN WATER & SEWER WORKS  
Usage & Charges History

2:42:49 PM

1/14/2016

Page 1 of 1

Account Number: 04098000  
Customer Name: KOHLER CO \* UTILITIES  
Service Address: OKLAHOMA ST

Type User: I  
Meter Size: 20

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Date	Usage	Charges
01/2016	251600	1,135.98
02/2015	706100	2,895.84
03/2015	939800	3,798.39
04/2015	779800	3,179.29
05/2015	921000	3,725.15
06/2015	669700	2,753.52
07/2015	179400	841.40
08/2015	684800	2,811.69
09/2015	764900	3,121.38
10/2015	606500	2,509.47
11/2015	484700	2,037.68
12/2015	264300	1,185.86
Last Yr	753900	3,078.83

SHERIDAN WATER & SEWER WORKS  
Usage & Charges History

2:43:55 PM

1/14/2016

Page 1 of 1

Account Number: 04099000  
Customer Name: KOHLER CO \* UTILITIES  
Service Address: EAGLE ST

Type User: I  
Meter Size: 60

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Date	Usage	Charges
01/2016	2000000	7,900.21
02/2015	1583000	6,286.68
03/2015	3900000	15,252.02
04/2015	1731000	6,859.34
05/2015	2000000	7,900.21
06/2015	2260000	8,906.25
07/2015	1925000	7,610.00
08/2015	2000000	7,900.21
09/2015	3573000	13,986.73
10/2015	2525000	9,931.62
11/2015	2531000	9,954.84
12/2015	2645000	10,395.95
Last Yr	1699000	6,735.52

SHERIDAN WATER & SEWER WORKS  
Usage & Charges History

2:44:14 PM

1/14/2016

Page 1 of 1

Account Number: 04110000  
Customer Name: KOHLER CO \* UTILITIES  
Service Address: PLASTICS

Type User: I  
Meter Size: 30

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Date	Usage	Charges
01/2016	507300	2,126.12
02/2015	241200	1,096.73
03/2015	211800	981.49
04/2015	251600	1,135.98
05/2015	294900	1,302.78
06/2015	431500	1,832.33
07/2015	472400	1,990.83
08/2015	442600	1,875.03
09/2015	720400	2,950.44
10/2015	528100	2,207.10
11/2015	540300	2,253.80
12/2015	482200	2,029.24
Last Yr	507300	2,126.12

SHERIDAN WATER & SEWER WORKS  
Usage & Charges History

2:44:36 PM

1/14/2016

Page 1 of 1

Account Number: 04111000  
Customer Name: KOHLER CO \* UTILITIES  
Service Address: PLASTICS

Type User: I  
Meter Size: 20

Date	Usage	Charges
01/2016	44400	214.66
02/2015	32300	158.78
03/2015	38900	187.71
04/2015	35100	172.33
05/2015	45100	218.77
06/2015	38300	186.63
07/2015	43600	210.38
08/2015	39500	191.63
09/2015	81200	386.08
10/2015	51800	247.88
11/2015	144800	679.63
12/2015	243900	1,105.45
Last Yr	33100	163.06



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

20 July 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: July 2015  
SDG Number: 1507231

Enclosed are the results of analyses for samples received by the laboratory on 14-Jul-15 16:00. 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	1.0°C

Sincerely,

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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20 July 2015



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: July 2015
Date Received: 14-Jul-15 16:00

ANALYTICAL RESULTS

Lab Number: 1507231-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 7/14/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1507231-02
Sample Name: Wastewater Grab
Date/Time Collected: 7/14/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A507170 (Water)
Prepared: 14-Jul-15 13:36 By: TA -- Analyzed: 14-Jul-15 13:36 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

Total Metals -- Batch: A507188 (Water)
Prepared: 15-Jul-15 16:10 By: HF -- Analyzed: 15-Jul-15 17:11 By: HF

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.

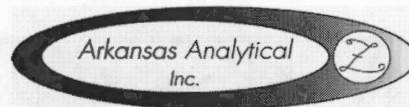
Wet Chemistry -- Batch: A507213 (Water)
Prepared: 17-Jul-15 09:54 By: JB -- Analyzed: 17-Jul-15 09:54 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.



20 July 2015

**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: July 2015**  
**Date Received: 14-Jul-15 16:00**



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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 / Teresa Coins*  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer





11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

28 July 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample

Project Number: July 2015

SDG Number: 1507334

Enclosed are the results of analyses for samples received by the laboratory on 21-Jul-15 15:50. 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	4.0°C

Sincerely,

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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28 July 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: July 2015  
Date Received: 21-Jul-15 15:50



**ANALYTICAL RESULTS**

Lab Number: 1507334-01  
Sample Name: Wastewater Composite (Weekly)  
Date/Time Collected: 7/21/15 6:00  
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.222		7/22/15 10:39	A507240	200.7, Rev 4.4 (1994)
Copper	mg/L	0.0936		7/22/15 10:39	A507240	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.237		7/22/15 10:39	A507240	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.173		7/22/15 10:39	A507240	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	3.00		7/22/15 11:00	A507248	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1507334-02  
Sample Name: Wastewater Grab  
Date/Time Collected: 7/21/15 6:00  
Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 2.51		7/27/15 9:22	A507316	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

Total Metals -- Batch: A507240 (Water)  
Prepared: 21-Jul-15 16:30 By: HF -- Analyzed: 22-Jul-15 10:02 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	107% / NA	94.8% / 99.3%		4.63%	
Copper	<0.0208 mg/L	108% / NA	95.9% / 100%		4.50%	
Nickel	<0.0104 mg/L	109% / NA	97.1% / 102%		4.72%	
Zinc	<0.00520 mg/L	107% / NA	93.6% / 98.4%		4.93%	

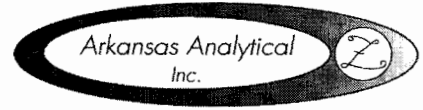
Wet Chemistry -- Batch: A507248 (Water)  
Prepared: 22-Jul-15 08:03 By: KP -- Analyzed: 22-Jul-15 08:03 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	88.0% / 101%	NA / NA		13.8%	D

Wet Chemistry -- Batch: A507316 (Water)  
Prepared: 27-Jul-15 09:22 By: JB -- Analyzed: 27-Jul-15 09:22 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<2.50 mg/L	97.5% / 99.5%	85.0% / NA		2.03%	

28 July 2015



**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: July 2015**  
**Date Received: 21-Jul-15 15:50**

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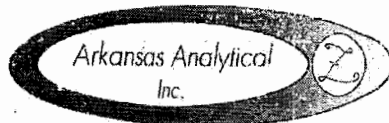
**QUALIFIER(S)**

\*D: RPD Value Does Not Meet Laboratory Acceptance Criteria

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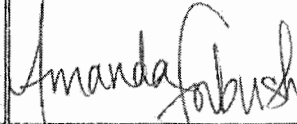
All Analysis performed according to EPA approved methodology when available:  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

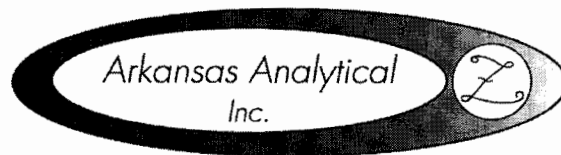
Reviewed by: *Norma James / Teresa Coins*  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Weekly Wastewater Sample			1 Day (100%) 2 Day (50%) 3 Day (25%) 5 Day (routine)		1. Cool, 4 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: James House			Telephone: 870-942-2111 Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			Preservative Code: Bottle Type:		TEST PARAMETERS										Bottle Type Code G = Glass; P = Plastic V = Septum; A = Amber	
 Sampler(s) Signature			 Sampler(s) Printed															Arkansas Analytical Work Order Number: 1507334	
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION			TSS	Cr, Cu, Ni, Zn	Oil and Grease							
	Date/s	Time/s																	
	7/20-7/21-2015	6 AM-6 AM		X	2	Water	Wastewater Composite (Weekly)			X	X								
	7/21/15	6 AM	X		1	Water	Wastewater Grab					X							
	7/21/15	6 AM	X		1	Water	Wastewater Grab - Lab QC Sample					X							
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB					REMARKS / SAMPLE COMMENTS						
			0945 7/21/15					1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 4. RECEIVED ON ICE: <input type="checkbox"/> Yes <input type="checkbox"/> No 5. TEMPERATURE ON RECEIPT: 4°C 6. TEMPERATURE GUN ID: HHT#2					Flow: 98,500 pH: 6.79						
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY											
			1530 7/21/15																



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501-455-3233 Fax 501-455-6118

31 July 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: July 2015  
SDG Number: 1507424

Enclosed are the results of analyses for samples received by the laboratory on 28-Jul-15 14:36. 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	2.0°C

Sincerely,

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

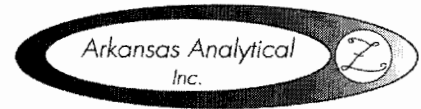
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Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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31 July 2015



James House  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Weekly Wastewater Sample  
 Project Number: July 2015  
 Date Received: 28-Jul-15 14:36

**ANALYTICAL RESULTS**

Lab Number: 1507424-01  
 Sample Name: Wastewater Composite (Weekly)  
 Date/Time Collected: 7/28/15 6:00  
 Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.277		7/30/15 11:36	A507351	200.7, Rev 4.4 (1994)
Copper	mg/L	0.127		7/30/15 11:36	A507351	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.256		7/30/15 11:36	A507351	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.229		7/30/15 11:36	A507351	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	5.00		7/28/15 15:30	A507328	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1507424-02  
 Sample Name: Wastewater Grab  
 Date/Time Collected: 7/28/15 6:00  
 Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 2.50		7/30/15 8:46	A507370	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

Wet Chemistry -- Batch: A507328 (Water)  
 Prepared: 27-Jul-15 15:09 By: TA -- Analyzed: 27-Jul-15 15:09 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	107% / 105%	NA / NA		1.89%	

Total Metals -- Batch: A507351 (Water)  
 Prepared: 28-Jul-15 16:35 By: HF -- Analyzed: 30-Jul-15 11:32 By: HF

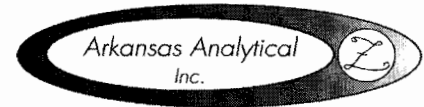
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	100% / NA	103% / 99.0%		2.53%	
Copper	<0.0208 mg/L	97.9% / NA	103% / 99.4%		2.55%	
Nickel	<0.0104 mg/L	102% / NA	102% / 99.3%		1.70%	
Zinc	<0.00520 mg/L	101% / NA	103% / 99.6%		2.64%	

Wet Chemistry -- Batch: A507370 (Water)  
 Prepared: 30-Jul-15 08:46 By: JB -- Analyzed: 30-Jul-15 08:46 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<2.50 mg/L	93.0% / 95.4%	90.9% / NA		2.52%	

31 July 2015

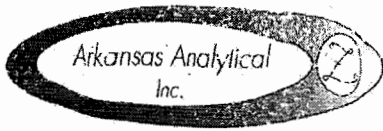
**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: July 2015**  
**Date Received: 28-Jul-15 14:36**



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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 / Teresa Coins*  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer






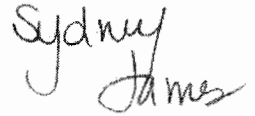
11701 Interstate 30, Bldg. 1, Ste. 115  
 Little Rock, AR 72209  
 PHONE: 501-455-3233  
 FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

<b>CLIENT INFORMATION</b>		<b>Project Description</b>		<b>Turnaround Time</b>		<b>Preservation Codes:</b>									
Kohler		Weekly Wastewater Sample		1 Day (100%)		1. Cool, 4 Degrees Centigrade			4. Thiosulfate for Dechlorination						
415 South Oklahoma St.				2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2			5. Hydrochloric Acid(HCl)						
Sheridan, AR 72150		<b>Reporting Information</b>		3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2			6. Sodium Hydroxide (NaOH), pH > 12						
Attn: James House		Telephone: 870-942-2111		5 Day (Routine)		<b>TEST PARAMETERS</b>						Bottle Type Code			
		Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com		Preservative Code:		1	1,3	1,2							G = Glass; P = Plastic
				Bottle Type:		P	P	GA							V = Septum; A = Amber


  
 Sampler(s) Signature                      Sampler(s) Printed

Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION	TSS	Cr, Cu, Ni, Zn	Oil and Grease						Arkansas Analytical Work Order Number:
	Date/s	Time/s														
	7/27-7/28-2015	6AM-6AM		X	2	Water	Wastewater Composite (Weekly)	X	X							1507424
	7/28/2015	6AM	X		1	Water	Wastewater Grab			X						01
	7/28/2015	6AM	X		1	Water	Wastewater Grab - Lab QC Sample			X						02
																I

<b>1. Relinquished by: (Signature)</b>		<b>Date/Time</b>		<b>2. Received by: (Signature)</b>		<b>SAMPLE CONDITION UPON RECEIPT IN LAB</b>				<b>REMARKS / SAMPLE COMMENTS</b>			
		7/28 2015 6AM				1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input type="checkbox"/> Yes <input type="checkbox"/> No 3. COC/LABELS AGREE: <input type="checkbox"/> Yes <input type="checkbox"/> No 4. RECEIVED ON ICE: <input type="checkbox"/> Yes <input type="checkbox"/> No 5. TEMPERATURE ON RECEIPT: 2°C 6. TEMPERATURE GUN ID: HHT #2				Flow: 94,400 pH: 6.77			
<b>3. Relinquished by: (Signature)</b>		<b>Date/Time</b>		<b>4. Received by lab: (Signature)</b>		<b>FOR COMPLETION BY LAB ONLY</b>							
		1136 7-28-15											



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501-455-3233 Fax 501-455-6118

10 August 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: August 2015  
SDG Number: 1508020

Enclosed are the results of analyses for samples received by the laboratory on 04-Aug-15 14:30. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
<u>Temperature on Receipt</u>	4.0°C

Sincerely,

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

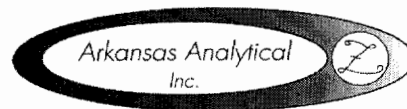
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Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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10 August 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: August 2015  
Date Received: 04-Aug-15 14:30



**ANALYTICAL RESULTS**

Lab Number: 1508020-01  
Sample Name: Wastewater Composite (Monthly)  
Date/Time Collected: 8/4/15 6:00  
Sample Matrix: Water

<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>
Chromium	mg/L	0.560		8/5/15 12:04	A508057	200.7, Rev 4.4 (1994)
Copper	mg/L	0.184		8/5/15 12:04	A508057	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.245		8/5/15 12:04	A508057	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.0661		8/5/15 12:04	A508057	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	34.8		8/5/15 10:00	A508048	5210 B-2001, Hach 10360
TSS	mg/L	4.50		8/4/15 17:00	A508036	2540 D-1997

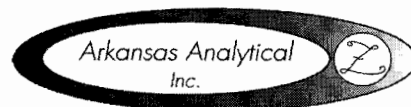
**ANALYTICAL RESULTS**

Lab Number: 1508020-02  
Sample Name: Wastewater Grab  
Date/Time Collected: 8/4/15 6:00  
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>
Oil and Grease	mg/L	< 2.51		8/5/15 11:18	A508056	1664 Mod, Rev. B 2010

10 August 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: August 2015  
Date Received: 04-Aug-15 14:30



**QUALITY CONTROL RESULTS**

**Wet Chemistry -- Batch: A508036 (Water)**

Prepared: 04-Aug-15 17:00 By: TA -- Analyzed: 04-Aug-15 17:00 By: TA

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TSS	<1.00 mg/L	89.0% / 95.0%	NA / NA		6.52%	

**Wet Chemistry -- Batch: A508048 (Water)**

Prepared: 05-Aug-15 10:00 By: JB -- Analyzed: 05-Aug-15 10:00 By: TA

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
BOD-5	<2.00 mg/L	107% / 95.2%	NA / NA		11.5%	

**Wet Chemistry -- Batch: A508056 (Water)**

Prepared: 05-Aug-15 11:18 By: JB -- Analyzed: 05-Aug-15 11:18 By: JB

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Oil and Grease	<2.50 mg/L	96.2% / 94.6%	89.0% / NA		1.70%	

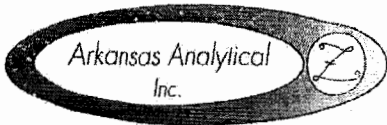
**Total Metals -- Batch: A508057 (Water)**

Prepared: 05-Aug-15 10:50 By: HF -- Analyzed: 05-Aug-15 12:00 By: HF

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Chromium	<0.0104 mg/L	99.4% / NA	91.9% / 93.3%		0.691%	
Copper	<0.0208 mg/L	99.1% / NA	95.1% / 95.9%		0.601%	
Nickel	<0.0104 mg/L	101% / NA	94.1% / 94.9%		0.525%	
Zinc	<0.00520 mg/L	96.9% / NA	95.5% / 96.1%		0.528%	

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 / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

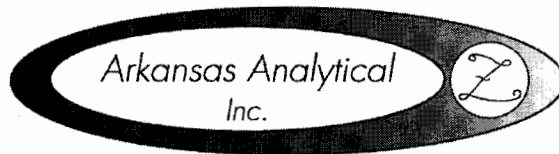


11701 Interstate 30, Bldg. 1, Ste. 115  
 Little Rock, AR 72209  
 PHONE: 501-455-3233  
 FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

CLIENT INFORMATION			Project Description			Turnaround Time		Preservation Codes:															
Kohler 415 South Oklahoma St. Sheridan, AR 72150 Attn: James House			Weekly Wastewater Sample			1 Day (100%) 2 Day (50%) 3 Day (25%) 5 Day (Routine)	1. Cool, 4 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					Bottle Type Code G = Glass; P= Plastic V = Septum; A = Amber										
Reporting Information Telephone: 870-942-2111 Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			TEST PARAMETERS			Bottle Type: 1 1,3 1,2 P P GA																	
Sampler(s) Signature <i>[Signature]</i>			Sampler(s) Printed Mike Lorenson			Arkansas Analytical Work Order Number: 1508020																	
Field Number	SAMPLE COLLECTION Date/s Time/s		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION			BOD, TSS	Cr, Cu, Ni, Zn	Oil and Grease											
	8/3-8/4/2015	6AM-6AM		X	2	Water	Wastewater Composite (Monthly)			X	X												
	8/4/2015	6AM	X		1	Water	Wastewater Grab					X											
	8/4/2015	6AM	X		1	Water	Wastewater Grab - Lab QC Sample					X											
1. Relinquished by: (Signature)			Date/Time			2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB					REMARKS / SAMPLE COMMENTS									
			8/4/2015 8AM			<i>[Signature]</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: 4°C 6. TEMPERATURE GUN ID: HHT#2					Flow: 125,000 pH: 8.4									
3. Relinquished by: (Signature)			Date/Time			4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY														
<i>[Signature]</i>			1430 8-4-15			<i>[Signature]</i>																	





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501-455-3233 Fax 501-455-6118

17 August 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: August 2015  
SDG Number: 1508117

Enclosed are the results of analyses for samples received by the laboratory on 11-Aug-15 14:53. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
Temperature on Receipt	3.0°C

Sincerely,

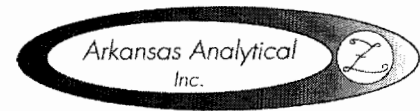
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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17 August 2015



James House  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Weekly Wastewater Sample  
 Project Number: August 2015  
 Date Received: 11-Aug-15 14:53

**ANALYTICAL RESULTS**

Lab Number: 1508117-01  
 Sample Name: Wastewater Composite (Weekly)  
 Date/Time Collected: 8/11/15 6:00  
 Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.233		8/13/15 15:15	A508214	200.7, Rev 4.4 (1994)
Copper	mg/L	0.111		8/13/15 15:15	A508214	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.220		8/13/15 15:15	A508214	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.0476		8/13/15 15:15	A508214	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	5.00		8/12/15 15:35	A508175	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1508117-02  
 Sample Name: Wastewater Grab  
 Date/Time Collected: 8/11/15 6:00  
 Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 2.51		8/13/15 9:13	A508212	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

**Wet Chemistry -- Batch: A508175 (Water)**

Prepared: 12-Aug-15 15:35 By: TA -- Analyzed: 12-Aug-15 15:35 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	93.0% / 94.0%	NA / NA		1.07%	

**Wet Chemistry -- Batch: A508212 (Water)**

Prepared: 13-Aug-15 09:13 By: JB -- Analyzed: 13-Aug-15 09:13 By: JB

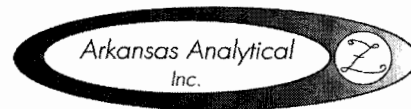
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<2.50 mg/L	94.0% / 89.2%	93.1% / NA		5.18%	

**Total Metals -- Batch: A508214 (Water)**

Prepared: 13-Aug-15 11:55 By: HF -- Analyzed: 13-Aug-15 15:12 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	96.7% / NA	95.6% / 96.1%		0.297%	
Copper	<0.0208 mg/L	99.0% / NA	96.5% / 96.7%		0.242%	
Nickel	<0.0104 mg/L	99.5% / NA	96.3% / 97.1%		0.563%	
Zinc	<0.00520 mg/L	95.9% / NA	97.6% / 98.2%		0.524%	

17 August 2015

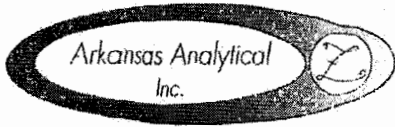


**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: August 2015**  
**Date Received: 11-Aug-15 14:53**

---

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 / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer




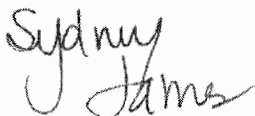


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 Little Rock, AR 72209  
 PHONE: 501-455-3233  
 FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

<b>CLIENT INFORMATION</b>		<b>Project Description</b>		<b>Turnaround Time</b>	<b>Preservation Codes:</b>									
Kohler		Weekly Wastewater Sample		1 Day (100%)	1. Cool, 4 Degrees Centigrade			4. Thiosulfate for Dechlorination						
415 South Oklahoma St.				2 Day (50%)	2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2			5. Hydrochloric Acid(HCl)						
Sheridan, AR 72150		<b>Reporting Information</b>		3 Day (25%)	3. Nitric Acid (HNO <sub>3</sub> ), pH < 2			6. Sodium Hydroxide (NaOH), pH > 12						
		Telephone: 870-942-2111		5 Day (Routine)	<b>TEST PARAMETERS</b>						<b>Bottle Type Code</b>			
Attn: James House		Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com		<b>Preservative Code:</b>	1	1,3	1,2							G = Glass; P = Plastic
				<b>Bottle Type:</b>	P	P	GA							V = Septum; A = Amber

 Sampler(s) Signature			Mike Lorenson Sampler(s) Printed										Arkansas Analytical Work Order Number:  150817		
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION	TSS	Cr, Cu, Ni, Zn	Oil and Grease					
	Date/s	Time/s													
	8/10-8/11-2015	6AM-6AM		X	2	Water	Wastewater Composite (Weekly)	X	X						
	8/11/15	6AM	X		1	Water	Wastewater Grab			X					
	8/11/15	6AM	X		1	Water	Wastewater Grab - Lab QC Sample			X					

<b>1. Relinquished by: (Signature)</b>		<b>Date/Time</b>		<b>2. Received by: (Signature)</b>		<b>SAMPLE CONDITION UPON RECEIPT IN LAB</b>				<b>REMARKS / SAMPLE COMMENTS</b>	
		8/11/15 8:00 AM				1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No 5. TEMPERATURE ON RECEIPT: 3°C 6. TEMPERATURE GUN ID: HHT #2				pH: 7.68 Flow: 106,400	
<b>3. Relinquished by: (Signature)</b>		<b>Date/Time</b>		<b>4. Received by lab: (Signature)</b>		<b>FOR COMPLETION BY LAB ONLY</b>					
		1453 8/11/15									



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21 August 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: August 2015  
SDG Number: 1508213

Enclosed are the results of analyses for samples received by the laboratory on 18-Aug-15 14:55. 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	2.0°C

Sincerely,

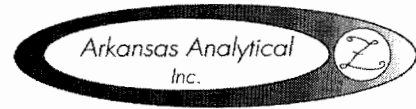
*Norma James / Teresa Coins*

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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21 August 2015



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: August 2015
Date Received: 18-Aug-15 14:55

ANALYTICAL RESULTS

Lab Number: 1508213-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 8/18/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1508213-02
Sample Name: Wastewater Grab
Date/Time Collected: 8/18/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A508295 (Water)
Prepared: 18-Aug-15 14:11 By: JB -- Analyzed: 18-Aug-15 14:11 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.

Wet Chemistry -- Batch: A508317 (Water)
Prepared: 19-Aug-15 15:00 By: TA -- Analyzed: 19-Aug-15 15:00 By: TA

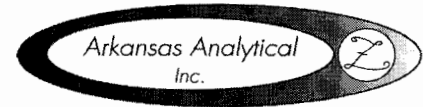
Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

Total Metals -- Batch: A508339 (Water)
Prepared: 19-Aug-15 16:00 By: HF -- Analyzed: 19-Aug-15 17:32 By: HF

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.

21 August 2015

**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: August 2015**  
**Date Received: 18-Aug-15 14:55**



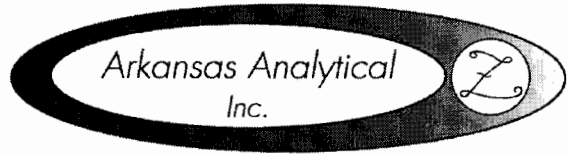
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All Analysis performed according to EPA approved methodology when available:  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency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

Reviewed by: *Norma James / Teresa Coins*  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer







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31 August 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: August 2015  
SDG Number: 1508318

Enclosed are the results of analyses for samples received by the laboratory on 25-Aug-15 15:36. 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	2.0°C

Sincerely,

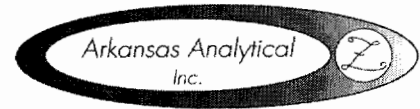
*Norma James / Teresa Coins*

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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31 August 2015



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: August 2015
Date Received: 25-Aug-15 15:36

ANALYTICAL RESULTS

Lab Number: 1508318-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 8/25/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1508318-02
Sample Name: Wastewater Grab
Date/Time Collected: 8/25/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Total Metals -- Batch: A508419 (Water)
Prepared: 26-Aug-15 10:30 By: HF -- Analyzed: 26-Aug-15 11:51 By: HF

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.

Wet Chemistry -- Batch: A508424 (Water)
Prepared: 26-Aug-15 08:27 By: JB -- Analyzed: 26-Aug-15 08:27 By: JB

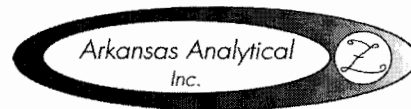
Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.

Wet Chemistry -- Batch: A508468 (Water)
Prepared: 26-Aug-15 16:20 By: TA -- Analyzed: 26-Aug-15 16:20 By: TA

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

31 August 2015

**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: August 2015**  
**Date Received: 25-Aug-15 15:36**

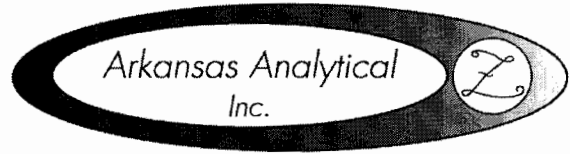


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All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency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

Reviewed by: *Norma James / Teresa Coins*  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer





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08 September 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: Aug-Sept 2015  
SDG Number: 1509018

Enclosed are the results of analyses for samples received by the laboratory on 01-Sep-15 15:22. 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	4.0°C

Sincerely,

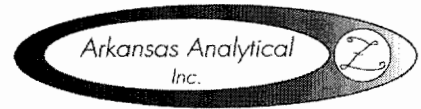
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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08 September 2015



James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: Aug-Sept 2015  
Date Received: 01-Sep-15 15:22

**ANALYTICAL RESULTS**

---

Lab Number: 1509018-01  
Sample Name: Wastewater Composite (Monthly)  
Date/Time Collected: 9/1/15 6:00  
Sample Matrix: Water

<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>
Chromium	mg/L	0.386		9/3/15 13:21	A509040	200.7, Rev 4.4 (1994)
Copper	mg/L	0.151		9/3/15 13:21	A509040	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.425		9/3/15 13:21	A509040	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.381		9/3/15 13:21	A509040	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	16.3		9/2/15 10:25	A509015	5210 B-2001.Hach 10360
TSS	mg/L	4.00		9/2/15 15:00	A509016	2540 D-1997

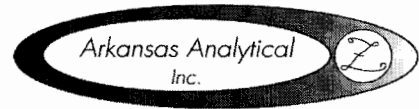
**ANALYTICAL RESULTS**

---

Lab Number: 1509018-02  
Sample Name: Wastewater Grab  
Date/Time Collected: 9/1/15 6:00  
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>
Oil and Grease	mg/L	< 2.51		9/3/15 11:02	A509041	1664 Mod, Rev. B 2010

08 September 2015



James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: Aug-Sept 2015  
Date Received: 01-Sep-15 15:22

**QUALITY CONTROL RESULTS**

**Wet Chemistry -- Batch: A509015 (Water)**

Prepared: 02-Sep-15 10:25 By: TA -- Analyzed: 02-Sep-15 10:25 By: TA

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
BOD-5	<2.00 mg/L	84.3% / 89.4%	NA / NA		5.81%	

**Wet Chemistry -- Batch: A509016 (Water)**

Prepared: 02-Sep-15 15:00 By: TA -- Analyzed: 02-Sep-15 15:00 By: TA

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
TSS	<1.00 mg/L	92.0% / 94.0%	NA / NA		2.15%	

**Total Metals -- Batch: A509040 (Water)**

Prepared: 03-Sep-15 09:45 By: TC -- Analyzed: 03-Sep-15 13:08 By: TC

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Chromium	<0.0104 mg/L	101% / NA	102% / 101%		1.15%	
Copper	<0.0208 mg/L	97.2% / NA	101% / 98.7%		1.94%	
Nickel	<0.0104 mg/L	100% / NA	100% / 99.3%		0.872%	
Zinc	<0.00520 mg/L	96.6% / NA	99.9% / 98.6%		1.29%	

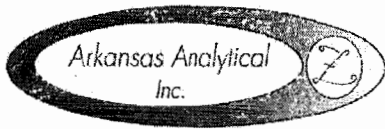
**Wet Chemistry -- Batch: A509041 (Water)**

Prepared: 03-Sep-15 11:02 By: JB -- Analyzed: 03-Sep-15 11:02 By: JB

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Oil and Grease	<2.50 mg/L	90.0% / 91.0%	85.5% / NA		1.10%	

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.

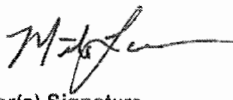
Reviewed by: Norma James / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer




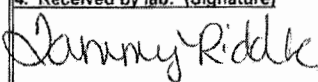


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 PHONE: 501-455-3233  
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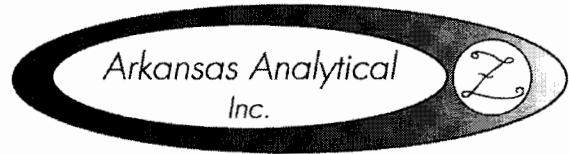
# CHAIN OF CUSTODY RECORD

<b>CLIENT INFORMATION</b>		<b>Project Description</b>	<b>Turnaround Time</b>	<b>Preservation Codes:</b>			
Kohler		Weekly Wastewater Sample	1 Day (100%)	1. Cool, 4 Degrees Centigrade		4. Thiosulfate for Dechlorination	
415 South Oklahoma St.			2 Day (50%)	2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2		5. Hydrochloric Acid(HCl)	
Sheridan, AR 72150		<b>Reporting Information</b>	3 Day (25%)	3. Nitric Acid (HNO <sub>3</sub> ), pH < 2		6. Sodium Hydroxide (NaOH), pH > 12	
		Telephone: 870-942-2111	5 Day (Routine)	<b>TEST PARAMETERS</b>			
Attn: James House		Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com	Preservative Code:	1	1,3	1,2	
			Bottle Type:	P	P	GA	
							Bottle Type Code G = Glass; P = Plastic V = Septum; A = Amber

 Sampler(s) Signature		Mike Lorenson Sampler(s) Printed						Arkansas Analytical Work Order Number: 1509018			
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		BOD, TSS	Cr, Cu, Ni, Zn	Oil and Grease
	Date/s	Time/s									
	8/31-9/1-15	6 AM - 6 AM		X	2	Water	Wastewater Composite (Monthly)		X	X	
	9/1/15	6 AM	X		1	Water	Wastewater Grab			X	
	9/1/15	6 AM	X		1	Water	Wastewater Grab - Lab QC Sample			X	

1. Relinquished by: (Signature)		Date/Time	2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB		REMARKS / SAMPLE COMMENTS	
		9/1/15 8 AM			1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input type="checkbox"/> Yes <input type="checkbox"/> No 3. COC/LABELS AGREE: <input type="checkbox"/> Yes <input type="checkbox"/> No 4. RECEIVED ON ICE: <input type="checkbox"/> Yes <input type="checkbox"/> No 5. TEMPERATURE ON RECEIPT: 4°C 6. TEMPERATURE GUN ID: HAT #2		Flow: 105,500 pH: 6.52	
3. Relinquished by: (Signature)		Date/Time	4. Received by lab: (Signature)		FOR COMPLETION BY LAB ONLY			
		1522 9-1-15						





11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

22 September 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: September 2015  
SDG Number: 1509195

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

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
Temperature on Receipt	4.0°C

Sincerely,

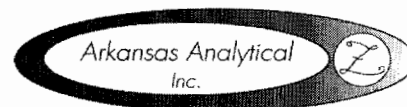
*Norma James / Teresa Coins*

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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22 September 2015



James House  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Weekly Wastewater Sample  
 Project Number: September 2015  
 Date Received: 15-Sep-15 15:15

**ANALYTICAL RESULTS**

Lab Number: 1509195-01  
 Sample Name: Wastewater Composite (Weekly)  
 Date/Time Collected: 9/15/15 6:00  
 Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.418		9/21/15 12:28	A509355	200.7, Rev 4.4 (1994)
Copper	mg/L	0.103		9/21/15 12:28	A509355	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.269		9/21/15 12:28	A509355	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.105		9/21/15 12:28	A509355	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	2.00		9/16/15 16:30	A509282	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1509195-02  
 Sample Name: Wastewater Grab  
 Date/Time Collected: 9/15/15 6:00  
 Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 3.52		9/16/15 13:31	A509293	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

**Wet Chemistry -- Batch: A509282 (Water)**

Prepared: 16-Sep-15 16:30 By: TA -- Analyzed: 16-Sep-15 16:30 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	97.0% / 107%	NA / NA		9.80%	

**Wet Chemistry -- Batch: A509293 (Water)**

Prepared: 16-Sep-15 13:31 By: JB -- Analyzed: 16-Sep-15 13:31 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<3.50 mg/L	93.0% / 96.0%	91.5% / NA		3.17%	

**Total Metals -- Batch: A509355 (Water)**

Prepared: 21-Sep-15 10:30 By: HF -- Analyzed: 21-Sep-15 12:25 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	95.2% / NA	106% / 95.7%		5.76%	
Copper	<0.0208 mg/L	92.3% / NA	102% / 95.6%		5.66%	
Nickel	<0.0104 mg/L	94.6% / NA	104% / 94.3%		6.44%	
Zinc	<0.00520 mg/L	96.0% / NA	103% / 96.2%		5.47%	

22 September 2015

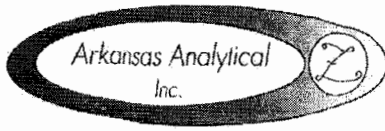


**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: September 2015**  
**Date Received: 15-Sep-15 15:15**

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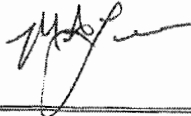


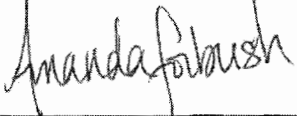
All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: *Norma James / Teresa Coins*  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Weekly Wastewater Sample			1 Day (100%)		1. Cool, 4 Degrees Centigrade				4. Thiosulfate for Dechlorination									
415 South Oklahoma St.						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2				5. Hydrochloric Acid(HCl)									
Sheridan, AR 72150			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2				6. Sodium Hydroxide (NaOH), pH > 12									
Attn: James House			Telephone: 870-942-2111			5 Day (Routine)		TEST PARAMETERS										Bottle Type Code			
Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			Preservative Code:			1		1,3		1,2										G = Glass; P = Plastic	
			Bottle Type:			P		P		GA										V = Septum; A = Amber	
 Sampler(s) Signature			Mike Lorenson																Arkansas Analytical Work Order Number:  1509195		
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION / DESCRIPTION			TSS	Cr, Cu, Ni, Zn	Oil and Grease									
	Date/s	Time/s																			
	9-14/9-15/2015	6 AM		X	2	Water	Wastewater Composite (Weekly)			X	X										
	9/15/2015	6 AM	X		1	Water	Wastewater Grab					X									
	9/15/2015	6 AM	X		1	Water	Wastewater Grab - Lab QC Sample					X									
										ONSITE MEASUREMENTS BY Kohler											
										pH (S.U.)											
										Flow											
1. Relinquished by: (Signature)		Date/Time		2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS									
		9/15/15 8:00 AM				1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No						Flow: 103,100									
						2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No						pH 7.03									
						3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No															
3. Relinquished by: (Signature)		Date/Time		4. Received by lab: (Signature)		4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No															
		1515 9-15-15				5. TEMPERATURE ON RECEIPT: 4°C															
						6. TEMPERATURE GUN ID: HHT#2															
														FOR COMPLETION BY LAB ONLY							



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501-455-3233 Fax 501-455-6118

22 September 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: September 2015  
SDG Number: 1509196

Enclosed are the results of analyses for samples received by the laboratory on 15-Sep-15 15:15. 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	3.0°C

Sincerely,

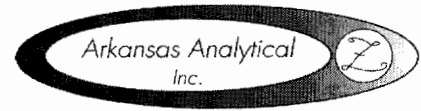
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

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Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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22 September 2015



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: September 2015
Date Received: 15-Sep-15 15:15

ANALYTICAL RESULTS

Lab Number: 1509196-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 9/10/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1509196-02
Sample Name: Wastewater Grab
Date/Time Collected: 9/10/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A509282 (Water)
Prepared: 16-Sep-15 16:30 By: TA -- Analyzed: 16-Sep-15 16:30 By: TA

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

Total Metals -- Batch: A509355 (Water)
Prepared: 21-Sep-15 10:30 By: HF -- Analyzed: 21-Sep-15 12:25 By: HF

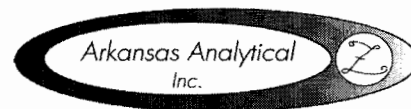
Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.

Wet Chemistry -- Batch: A509364 (Water)
Prepared: 21-Sep-15 14:36 By: JB -- Analyzed: 21-Sep-15 14:36 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.



22 September 2015



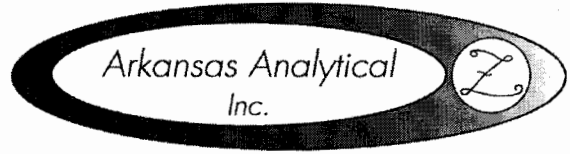
**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: September 2015**  
**Date Received: 15-Sep-15 15:15**

---

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 / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer





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501-455-3233 Fax 501-455-6118

30 September 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: September 2015  
SDG Number: 1509301

Enclosed are the results of analyses for samples received by the laboratory on 23-Sep-15 09:00. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
Temperature on Receipt	3.0°C

Sincerely,

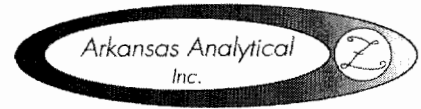
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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30 September 2015



James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: September 2015  
Date Received: 23-Sep-15 09:00

**ANALYTICAL RESULTS**

Lab Number: 1509301-01  
Sample Name: Wastewater Composite (Weekly)  
Date/Time Collected: 9/22/15 6:00  
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.879		9/24/15 16:33	A509416	200.7, Rev 4.4 (1994)
Copper	mg/L	0.322		9/24/15 16:33	A509416	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.986		9/24/15 16:33	A509416	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.0739		9/24/15 16:33	A509416	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	8.50		9/23/15 15:40	A509391	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1509301-02  
Sample Name: Wastewater Grab  
Date/Time Collected: 9/22/15 6:00  
Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 3.50		9/24/15 13:17	A509426	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

Wet Chemistry -- Batch: A509391 (Water)  
Prepared: 23-Sep-15 15:40 By: TA -- Analyzed: 23-Sep-15 15:40 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	100% / 101%	NA / NA		0.995%	

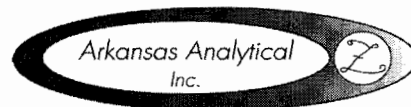
Total Metals -- Batch: A509416 (Water)  
Prepared: 24-Sep-15 14:40 By: HF -- Analyzed: 24-Sep-15 16:30 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	103% / NA	113% / 101%		3.95%	
Copper	<0.0208 mg/L	102% / NA	108% / 102%		3.87%	
Nickel	<0.0104 mg/L	102% / NA	111% / 97.4%		4.66%	
Zinc	<0.00520 mg/L	104% / NA	109% / 104%		4.13%	

Wet Chemistry -- Batch: A509426 (Water)  
Prepared: 24-Sep-15 13:17 By: JB -- Analyzed: 24-Sep-15 13:17 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<3.50 mg/L	93.8% / 96.0%	95.0% / NA		2.37%	

30 September 2015



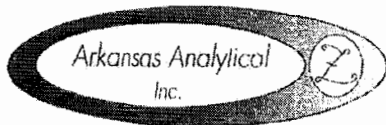
**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: September 2015**  
**Date Received: 23-Sep-15 09:00**

---

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.


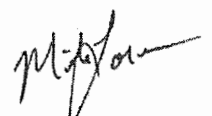


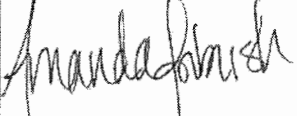
Reviewed by: Norma James / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

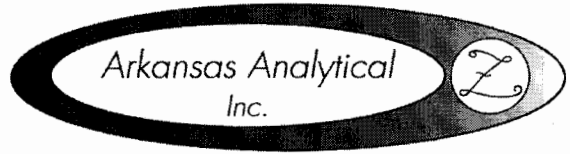




11701 Interstate 30, Bldg. 1, Ste. 115  
 Little Rock, AR 72209  
 PHONE: 501-455-3233  
 FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

CLIENT INFORMATION			Project Description			Turnaround Time		Preservation Codes:																																							
Kohler 415 South Oklahoma St. Sheridan, AR 72150			Weekly Wastewater Sample			1 Day (100%) 2 Day (50%) 3 Day (25%) 5 Day (Routine)		1. Cool, 4 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: James House			Telephone: 870-942-2111 Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			Preservative Code: Bottle Type:		<table border="1"> <tr> <th colspan="8">TEST PARAMETERS</th> <th colspan="2">Bottle Type Code</th> </tr> <tr> <td>1</td><td>1,3</td><td>1,2</td><td></td><td></td><td></td><td></td><td></td> <td>G = Glass; P = Plastic</td> <td colspan="2"></td> </tr> <tr> <td>P</td><td>P</td><td>GA</td><td></td><td></td><td></td><td></td><td></td> <td>V = Septum, A = Amber</td> <td colspan="2"></td> </tr> </table>								TEST PARAMETERS								Bottle Type Code		1	1,3	1,2						G = Glass; P = Plastic			P	P	GA						V = Septum, A = Amber		
TEST PARAMETERS								Bottle Type Code																																							
1	1,3	1,2						G = Glass; P = Plastic																																							
P	P	GA						V = Septum, A = Amber																																							
 Sampler(s) Signature			Mike Lorenson Sampler(s) Printed					<table border="1"> <tr> <td>TSS</td> <td>Cr, Cu, Ni, Zn</td> <td>Oil and Grease</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>								TSS	Cr, Cu, Ni, Zn	Oil and Grease																													
TSS	Cr, Cu, Ni, Zn	Oil and Grease																																													
Arkansas Analytical Work Order Number: 1509301																																															
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION						TSS	Cr, Cu, Ni, Zn	Oil and Grease																																
	9/21/15	9-22/2015		X	2	Water	Wastewater Composite (Weekly)						X	X																																	
	9/22/15	6AM	X		1	Water	Wastewater Grab								X																																
	9/22/15	6AM	X		1	Water	Wastewater Grab - Lab QC Sample								X																																
ONSITE MEASUREMENTS BY Kohler															pH (S.U.)		Flow																														
1. Relinquished by: (Signature) 			Date/Time 6/22/15 8:00 AM 9/22/15 5:00			2. Received by: (Signature) 			SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS																																
3. Relinquished by: (Signature) 			Date/Time 9/23/15 0900			4. Received by lab: (Signature) 			1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No 4. RECEIVED ON ICE: ___ Yes ___ No 5. TEMPERATURE ON RECEIPT: 3°C 6. TEMPERATURE GUN ID: HHT#2						pH 6.64 Flow 103,100																																
FOR COMPLETION BY LAB ONLY																																															



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

29 September 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Metals Sample(s)  
Project Number: Concrete Samples  
SDG Number: 1509339

Enclosed are the results of analyses for samples received by the laboratory on 25-Sep-15 10:40. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	
Temperature on Receipt	21.0°C

Sincerely,

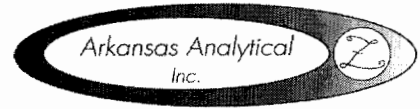
*Norma James / Teresa Coins*

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Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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29 September 2015



James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Metals Sample(s)

Project Number: Concrete Samples  
Date Received: 25-Sep-15 10:40

**ANALYTICAL RESULTS**

Lab Number: 1509339-01  
Sample Name: Concrete  
Date/Time Collected: 9/25/15 8:39  
Sample Matrix: Solid

TCLP Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Arsenic	mg/L	< 0.052		9/28/15 13:31	A509465	1311,6010C
Barium	mg/L	< 1.04		9/28/15 13:31	A509465	1311,6010C
Cadmium	mg/L	< 0.008		9/28/15 13:31	A509465	1311,6010C
Chromium	mg/L	0.103		9/28/15 13:31	A509465	1311,6010C
Lead	mg/L	< 0.016		9/28/15 13:31	A509465	1311,6010C
Mercury	mg/L	< 0.0010		9/28/15 12:14	A509468	1311,7470A
Selenium	mg/L	< 0.052		9/28/15 13:31	A509465	1311,6010C
Silver	mg/L	< 0.021		9/28/15 13:31	A509465	1311,6010C

**QUALITY CONTROL RESULTS**

**TCLP Metals -- Batch: A509465 (Water)**

Prepared: 28-Sep-15 09:00 By: HF -- Analyzed: 28-Sep-15 14:47 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Arsenic	<0.052 mg/L	95.2% / NA	110% / 106%		3.62%	
Barium	<1.04 mg/L	104% / NA	101% / 87.5%		5.38%	
Cadmium	<0.008 mg/L	103% / NA	108% / 104%		3.74%	
Chromium	<0.021 mg/L	99.8% / NA	103% / 97.0%		4.66%	
Lead	<0.016 mg/L	99.2% / NA	101% / 96.8%		3.91%	
Selenium	<0.052 mg/L	94.6% / NA	115% / 111%		3.58%	
Silver	<0.021 mg/L	108% / NA	119% / 99.5%		17.6%	

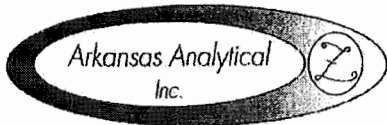
**TCLP Metals -- Batch: A509468 (Water)**

Prepared: 28-Sep-15 09:53 By: ST -- Analyzed: 28-Sep-15 12:10 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.0010 mg/L	102% / NA	101% / 104%		3.48%	

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.

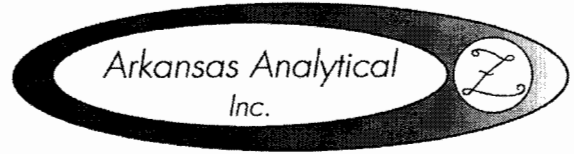
Reviewed by: Norma James / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Reporting Information			1 Day (100%)		1. Cool, 4 Degrees Centigrade				4. Thiosulfate for Dechlorination						
						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2				5. Hydrochloric Acid (HCl)						
Telephone:			Fax:			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2				6. Sodium Hydroxide (NaOH), pH > 12						
						5 Day (N/A) (circled)		TEST PARAMETERS										
Email:			Preservative Code:			Bottle Type:		Bottle Type Code										
								G = Glass; P = Plastic V = Septum; A = Amber										
Sampler(s) Signature			Sampler(s) Printed					Arkansas Analytical Work Order Number:										
								1509339										
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION											
	Date/s	Time/s					Concrete											
	9/25/15	8:39 am	X				X											
1. Relinquished by: (Signature)			Date/Time			2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS			
Jan He			9/25/15 10:40 am			Amanda [Signature]			1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 4. RECEIVED ON ICE: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 5. TEMPERATURE ON RECEIPT: 21°C 6. TEMPERATURE GUN ID: HH#2									
3. Relinquished by: (Signature)			Date/Time			4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY									



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

07 October 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: September 2015  
SDG Number: 1509380

Enclosed are the results of analyses for samples received by the laboratory on 29-Sep-15 16:12. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
Temperature on Receipt	2.0°C

Sincerely,

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

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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07 October 2015



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: September 2015
Date Received: 29-Sep-15 16:12

ANALYTICAL RESULTS

Lab Number: 1509380-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 9/29/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1509380-02
Sample Name: Wastewater Grab
Date/Time Collected: 9/29/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A509511 (Water)
Prepared: 30-Sep-15 13:08 By: JB -- Analyzed: 30-Sep-15 13:08 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.

Wet Chemistry -- Batch: A509517 (Water)
Prepared: 30-Sep-15 16:15 By: TA -- Analyzed: 30-Sep-15 16:15 By: TA

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

Total Metals -- Batch: A510068 (Water)
Prepared: 06-Oct-15 11:30 By: ST -- Analyzed: 06-Oct-15 14:20 By: ST

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.



07 October 2015



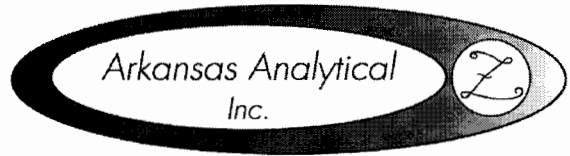
**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: September 2015**  
**Date Received: 29-Sep-15 16:12**

---

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 / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer





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501-455-3233 Fax 501-455-6118

13 October 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: October 2015  
SDG Number: 1510064

Enclosed are the results of analyses for samples received by the laboratory on 06-Oct-15 15:47. 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	1.0°C

Sincerely,

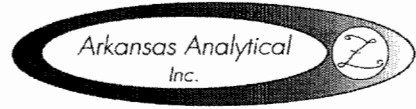
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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13 October 2015



James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: October 2015  
Date Received: 06-Oct-15 15:47

**ANALYTICAL RESULTS**

Lab Number: 1510064-01  
Sample Name: Wastewater Composite (Monthly)  
Date/Time Collected: 10/6/15 6:00  
Sample Matrix: Water

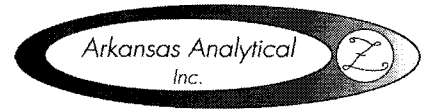
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Chromium	mg/L	0.617		10/9/15 14:02	A510126	200.7, Rev 4.4 (1994)
Copper	mg/L	0.398		10/9/15 14:02	A510126	200.7, Rev 4.4 (1994)
Nickel	mg/L	1.63		10/9/15 14:02	A510126	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.292		10/9/15 14:02	A510126	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	11.9		10/7/15 8:29	A510078	5210 B-2001, Hach 10360
TSS	mg/L	4.50		10/8/15 10:00	A510096	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1510064-02  
Sample Name: Wastewater Grab  
Date/Time Collected: 10/6/15 6:00  
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>
Oil and Grease	mg/L	< 3.50		10/7/15 9:18	A510080	1664 Mod, Rev. B 2010

13 October 2015



James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: October 2015  
Date Received: 06-Oct-15 15:47

**QUALITY CONTROL RESULTS**

**Wet Chemistry -- Batch: A510078 (Water)**

Prepared: 07-Oct-15 08:29 By: TA -- Analyzed: 07-Oct-15 08:29 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
BOD-5	<2.00 mg/L	108% / 103%	NA / NA		5.03%	

**Wet Chemistry -- Batch: A510080 (Water)**

Prepared: 07-Oct-15 09:18 By: JB -- Analyzed: 07-Oct-15 09:18 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<3.50 mg/L	92.9% / 92.0%	88.2% / NA		0.947%	

**Wet Chemistry -- Batch: A510096 (Water)**

Prepared: 08-Oct-15 10:00 By: TA -- Analyzed: 08-Oct-15 10:00 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	99.0% / 99.0%	NA / NA		0.00%	

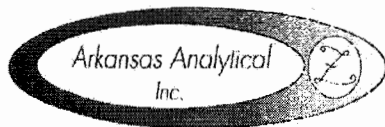
**Total Metals -- Batch: A510126 (Water)**

Prepared: 08-Oct-15 16:25 By: HF -- Analyzed: 09-Oct-15 13:58 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	102% / NA	98.0% / 102%		1.90%	
Copper	<0.0208 mg/L	100% / NA	96.8% / 101%		2.31%	
Nickel	<0.0104 mg/L	100% / NA	95.0% / 103%		1.95%	
Zinc	<0.00520 mg/L	100% / NA	99.6% / 103%		1.94%	

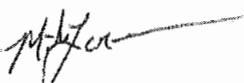




All Analysis performed according to EPA approved methodology when available:  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

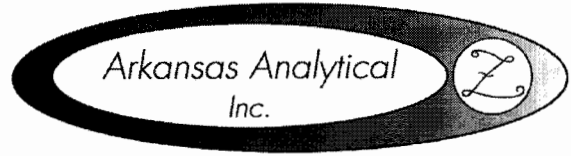
Reviewed by: Norma James / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Weekly Wastewater Sample			1 Day (100%)		1. Cool, 4 Degrees Centigrade				4. Thiosulfate for Dechlorination						
415 South Oklahoma St.						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2				5. Hydrochloric Acid(HCl)						
Sheridan, AR 72150			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2				6. Sodium Hydroxide (NaOH), pH > 12						
Attn: James House			Telephone: 870-942-2111			5 Day (Routine)		TEST PARAMETERS										Bottle Type Code
			Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			Preservative Code:		1	1,3	1,2								G = Glass; P = Plastic
						Bottle Type:		P	P	GA								V = Septum; A = Amber
 Sampler(s) Signature			Mike Lorenson Sampler(s) Printed															
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		BOD, TSS	Cr, Cu, Ni, Zn	Oil and Grease						Arkansas Analytical Work Order Number:	
	10/5-10/6-15	6AM-6AM		X	2	Water	Wastewater Composite (Monthly)		X	X							1510064	
	10/6/15	6AM	X		1	Water	Wastewater Grab				X						01	
	10/6/15	6AM	X		1	Water	Wastewater Grab - Lab QC Sample				X						02	
													ONSITE MEASUREMENTS BY Kohler					
													pH (S!!)					
													Flow					
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS				
			8:00 AM 10/6/15					1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No 5. TEMPERATURE ON RECEIPT: 1°C 6. TEMPERATURE GUN ID: HHT#2										
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY										
			1:54 10-6-15															



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501-455-3233 Fax 501-455-6118

20 October 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: October 2015  
SDG Number: 1510190

Enclosed are the results of analyses for samples received by the laboratory on 15-Oct-15 08:30. 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	9.0°C

Sincerely,

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

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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20 October 2015



**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: October 2015**  
**Date Received: 15-Oct-15 08:30**

**CASE NARRATIVE**

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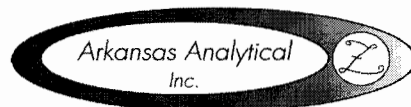
Sample Delivery Group – 1510190

**One OR more of the qualifiers described below may appear in this report.**

**SAMPLE RECEIPT QUALIFIERS:**

<u>Qualifier</u>	<u>Description</u>
ET	Samples received above required temperature.
ET	Samples received above required temperature. Although collected and received the same day, no ice was present to indicate the cooling preservation was attempted.
E2	Result qualified as it was received and analyzed outside of holding time. Analysis is considered a "Field" analysis.
E2	Result qualified as it was received and/or analyzed outside of holding time.
E3	Result qualified as it was received in the incorrect container and/or preservation.

20 October 2015



James House  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Weekly Wastewater Sample  
 Project Number: October 2015  
 Date Received: 15-Oct-15 08:30

**ANALYTICAL RESULTS**

Lab Number: 1510190-01  
 Sample Name: Wastewater Composite (Weekly)  
 Date/Time Collected: 10/14/15 6:00  
 Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.214		10/15/15 16:30	A510214	200.7, Rev 4.4 (1994)
Copper	mg/L	0.154		10/15/15 16:30	A510214	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.885		10/15/15 16:30	A510214	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.180		10/15/15 16:30	A510214	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	1.50	ET	10/16/15 16:15	A510235	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1510190-02  
 Sample Name: Wastewater Grab  
 Date/Time Collected: 10/14/15 6:00  
 Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 3.50	ET	10/15/15 9:33	A510211	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

Wet Chemistry -- Batch: A510211 (Water)  
 Prepared: 15-Oct-15 09:33 By: JB -- Analyzed: 15-Oct-15 09:33 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<3.50 mg/L	90.6% / 92.5%	91.5% / NA		2.05%	

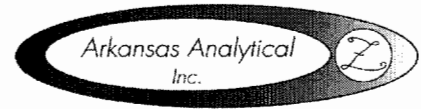
Total Metals -- Batch: A510214 (Water)  
 Prepared: 15-Oct-15 11:50 By: HF -- Analyzed: 15-Oct-15 16:27 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	101% / NA	101% / 104%		1.89%	
Copper	<0.0208 mg/L	100% / NA	100% / 103%		1.98%	
Nickel	<0.0104 mg/L	99.4% / NA	92.5% / 98.0%		1.99%	
Zinc	<0.00520 mg/L	103% / NA	104% / 107%		2.28%	

Wet Chemistry -- Batch: A510235 (Water)  
 Prepared: 16-Oct-15 16:15 By: TA -- Analyzed: 16-Oct-15 16:15 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	90.0% / 95.0%	NA / NA		5.41%	

20 October 2015



**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: October 2015**  
**Date Received: 15-Oct-15 08:30**

---

**QUALIFIER(S)**

---

\*ET: Estimated Result; Temperature Upon Receipt Exceeded 6 Degrees Centigrade

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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 / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer





11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

28 October 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: October 2015  
SDG Number: 1510253

Enclosed are the results of analyses for samples received by the laboratory on 20-Oct-15 15:50. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
Temperature on Receipt	4.0°C

Sincerely,

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

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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28 October 2015



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: October 2015
Date Received: 20-Oct-15 15:50

ANALYTICAL RESULTS

Lab Number: 1510253-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 10/20/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1510253-02
Sample Name: Wastewater Grab
Date/Time Collected: 10/20/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A510272 (Water)
Prepared: 21-Oct-15 09:03 By: JB -- Analyzed: 21-Oct-15 09:03 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

Wet Chemistry -- Batch: A510278 (Water)
Prepared: 21-Oct-15 11:54 By: JB -- Analyzed: 21-Oct-15 11:54 By: JB

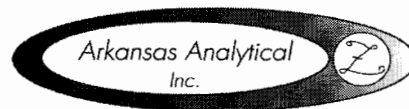
Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.

Total Metals -- Batch: A510357 (Water)
Prepared: 26-Oct-15 17:50 By: HF -- Analyzed: 27-Oct-15 12:35 By: HF

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.

28 October 2015

**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: October 2015**  
**Date Received: 20-Oct-15 15:50**

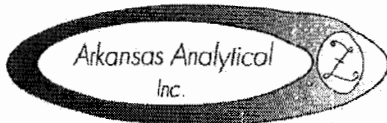


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All Analysis performed according to EPA approved methodology when available:  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency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


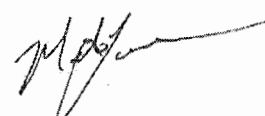


Reviewed by: Norma James / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

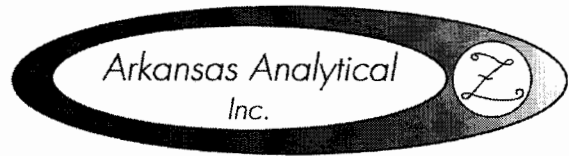




11701 Interstate 30, Bldg. 1, Ste. 115  
 Little Rock, AR 72209  
 PHONE: 501-455-3233  
 FAX: 501-455-6118

# CHAIN OF CUSTODY RECORD

CLIENT INFORMATION			Project Description			Turnaround Time		Preservation Codes:													
Kohler			Weekly Wastewater Sample			1 Day (100%)		1. Cool, 4 Degrees Centigrade					4. Thiosulfate for Dechlorination								
415 South Oklahoma St.						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2					5. Hydrochloric Acid(HCl)								
Sheridan, AR 72150			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2					6. Sodium Hydroxide (NaOH), pH > 12								
Attn: James House			Telephone: 870-942-2111			5 Day (Routine)		TEST PARAMETERS										Bottle Type Code			
			Email: james.house@kohler.com, joe.mcolroy@kohler.com, neal.hollinger@kohler.com			Preservative Code:		1	1,3	1,2									G - Glass; P - Plastic		
						Bottle Type:		P	P	GA									V - Septum; A - Amber		
 Sampler(s) Signature			M. Lorenson			Sampler(s) Printed												Arkansas Analytical Work Order Number:			
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION				TSS	Cr, Cu, Ni, Zn	Oil and Grease					1510253			
	10/19-10/20-2015 6AM-6AM			X	2	Water	Wastewater Composite (Weekly)				X	X						01			
	10/20/15 3AM		X		1	Water	Wastewater Grab						X					02			
	10/20/15 6AM		X		1	Water	Wastewater Grab - Lab QC Sample						X					1			
												ONSITE MEASUREMENTS BY Kohler									
												pH (S.U.)									
												Flow									
1. Relinquished by: (Signature)			Date/Time			2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS						
			10/20/15 8:00 AM 0845						1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No						Flow 105, 700						
									2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No						pH 6.55						
									3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No												
3. Relinquished by: (Signature)			Date/Time			4. Received by lab: (Signature)			4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No												
			10/20/15 1550			Jimmy Riddle			5. TEMPERATURE ON RECEIPT: 4°C												
									6. TEMPERATURE GUN ID: HHT#2												
FOR COMPLETION BY LAB ONLY																					



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

03 November 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: October 2015  
SDG Number: 1510357

Enclosed are the results of analyses for samples received by the laboratory on 27-Oct-15 14:36. 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	4.0°C

Sincerely,

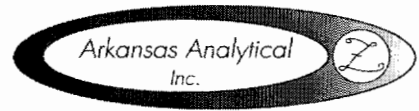
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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03 November 2015



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: October 2015
Date Received: 27-Oct-15 14:36

ANALYTICAL RESULTS

Lab Number: 1510357-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 10/27/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1510357-02
Sample Name: Wastewater Grab
Date/Time Collected: 10/27/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A510374 (Water)
Prepared: 28-Oct-15 11:50 By: TA -- Analyzed: 28-Oct-15 11:50 By: TA

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

Total Metals -- Batch: A510383 (Water)
Prepared: 28-Oct-15 14:40 By: HF -- Analyzed: 28-Oct-15 17:08 By: HF

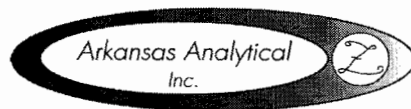
Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.

Wet Chemistry -- Batch: A511008 (Water)
Prepared: 02-Nov-15 09:34 By: JB -- Analyzed: 02-Nov-15 09:34 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.

03 November 2015

**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: October 2015**  
**Date Received: 27-Oct-15 14:36**



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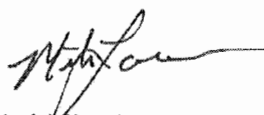



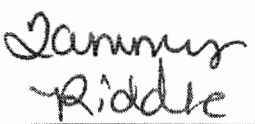
All Analysis performed according to EPA approved methodology when available:  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: Norma James / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Weekly Wastewater Sample			1 Day (100%)		1. Cool, 4 Degrees Centigrade				4. Thiosulfate for Dechlorination							
415 South Oklahoma St.						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2				5. Hydrochloric Acid(HCl)							
Sheridan, AR 72150			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2				6. Sodium Hydroxide (NaOH), pH > 12							
Attn: James House			Telephone: 870-942-2111			5 Day (Routine)		TEST PARAMETERS								Bottle Type Code			
			Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			Preservative Code:		1	1,3	1,2									G - Glass, P = Plastic
						Bottle Type:		P	P	GA								V = Septum, A = Amber	
 Sampler(s) Signature			Mike Lorenson Sampler(s) Printed																
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION			TSS	Cr, Cu, Ni, Zn	Oil and Grease						Arkansas Analytical Work Order Number:	
	10/22-10/27/15	6 AM-6 AM		X	2	Water	Wastewater Composite (Weekly)			X	X							1510857	
	10/27/15	6 AM	X		1	Water	Wastewater Grab					X						01	
	10/27/15	6 AM	X		1	Water	Wastewater Grab - Lab QC Sample					X						02	
										ONSITE MEASUREMENTS BY Kohler pH (S.U.) Flow									
1. Relinquished by: (Signature)		Date/Time		2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS							
		10/27/15 8:00 AM				1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No 5. TEMPERATURE ON RECEIPT: 4°C 6. TEMPERATURE GUN ID: HHT#2						Flow: 92,100 pH: 6.88							
3. Relinquished by: (Signature)		Date/Time		4. Received by lab: (Signature)		FOR COMPLETION BY LAB ONLY													
		1436 10-27-15																	



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

10 November 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: November 2015  
SDG Number: 1511053

Enclosed are the results of analyses for samples received by the laboratory on 04-Nov-15 08:00. 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	2.0°C

Sincerely,

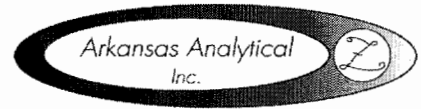
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

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Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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10 November 2015



James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: November 2015  
Date Received: 04-Nov-15 08:00

**ANALYTICAL RESULTS**

---

Lab Number: 1511053-01  
Sample Name: Wastewater Composite (Monthly)  
Date/Time Collected: 11/3/15 6:00  
Sample Matrix: Water

<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>
Chromium	mg/L	0.183		11/9/15 16:41	A511117	200.7, Rev 4.4 (1994)
Copper	mg/L	0.163		11/9/15 16:41	A511117	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.897		11/9/15 16:41	A511117	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.114		11/9/15 16:41	A511117	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	8.68		11/4/15 13:00	A511057	5210 B-2001, Hach 10360
TSS	mg/L	3.00		11/9/15 11:00	A511072	2540 D-1997

**ANALYTICAL RESULTS**

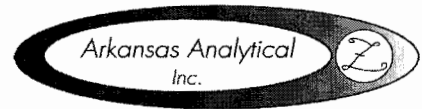
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Lab Number: 1511053-02  
Sample Name: Wastewater Grab  
Date/Time Collected: 11/3/15 6:00  
Sample Matrix: Water

<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>
Oil and Grease	mg/L	< 3.50		11/6/15 8:28	A511093	1664 Mod, Rev. B 2010



10 November 2015



James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: November 2015  
Date Received: 04-Nov-15 08:00

**QUALITY CONTROL RESULTS**

**Wet Chemistry -- Batch: A511057 (Water)**

Prepared: 04-Nov-15 10:00 By: TA -- Analyzed: 04-Nov-15 10:00 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
BOD-5	<2.00 mg/L	111% / 112%	NA / NA		1.13%	

**Wet Chemistry -- Batch: A511072 (Water)**

Prepared: 09-Nov-15 11:00 By: JB -- Analyzed: 09-Nov-15 11:00 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	103% / 96.0%	NA / NA		7.04%	

**Wet Chemistry -- Batch: A511093 (Water)**

Prepared: 06-Nov-15 08:28 By: JB -- Analyzed: 06-Nov-15 08:28 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<3.50 mg/L	92.1% / 93.4%	86.8% / NA		1.35%	

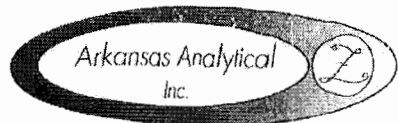
**Total Metals -- Batch: A511117 (Water)**

Prepared: 09-Nov-15 13:25 By: HF -- Analyzed: 09-Nov-15 15:24 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	110% / NA	101% / 112%		7.27%	
Copper	<0.0208 mg/L	106% / NA	98.6% / 109%		7.54%	
Nickel	<0.0104 mg/L	109% / NA	90.8% / 111%		7.10%	
Zinc	<0.00520 mg/L	108% / NA	103% / 113%		7.61%	

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 / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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 Attn: James House				Weekly Wastewater Sample				1 Day (100%) 2 Day (50%) 3 Day (25%) 5 Day (Routine)	1. Cool, 4 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							
Reporting Information				Telephone: 870-942-2111				TEST PARAMETERS								Bottle Type Code				
Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com				Preservative Code:				1	1,3	1,2									G - Glass; P - Plastic V - Septum; A - Amber	
Bottle Type:				P				P	GA										Arkansas Analytical Work Order Number:	
Sampler(s) Signature				Sampler(s) Printed																
				Mike Loreyson																
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION			BOD, TSS	Cr, Cu, Ni, Zn	Oil and Grease								
	Date/s	Time/s																		
	11/2-01/3-2015	6 AM - 6 AM		X	2	Water	Wastewater Composite (Monthly)			X	X									
	11/3/2015	6 AM	X		1	Water	Wastewater Grab					X								
	11/3/2015	6 AM	X		1	Water	Wastewater Grab - Lab QC Sample					X								
										ONSITE MEASUREMENTS BY Kohler										
										pH (S.U.)										
										Flow										
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB					REMARKS / SAMPLE COMMENTS							
			11/3/2015 8:00 AM					1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No 2. CONTAINERS CORRECT: ___ Yes ___ No 3. COC/LABELS AGREE: ___ Yes ___ No 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No 5. TEMPERATURE ON RECEIPT: 2°C 6. TEMPERATURE GUN ID: HHT#2					Flow: 96,000 pH: 6.92							
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY												
			0800 11-4-15																	



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

17 November 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: November 2015  
SDG Number: 1511140

Enclosed are the results of analyses for samples received by the laboratory on 10-Nov-15 15:20. 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	4.0°C

Sincerely,

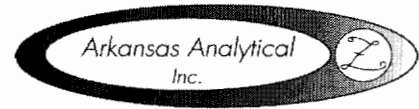
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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17 November 2015



James House  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Weekly Wastewater Sample  
 Project Number: November 2015  
 Date Received: 10-Nov-15 15:20

**ANALYTICAL RESULTS**

Lab Number: 1511140-01  
 Sample Name: Wastewater Composite (Weekly)  
 Date/Time Collected: 11/10/15 6:00  
 Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.387		11/12/15 10:44	A511154	200.7, Rev 4.4 (1994)
Copper	mg/L	0.275		11/12/15 10:44	A511154	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.676		11/12/15 10:44	A511154	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.252		11/12/15 10:44	A511154	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	3.00		11/12/15 9:40	A511155	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1511140-02  
 Sample Name: Wastewater Grab  
 Date/Time Collected: 11/10/15 6:00  
 Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 3.50		11/11/15 15:10	A511150	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

Wet Chemistry -- Batch: A511150 (Water)  
 Prepared: 11-Nov-15 09:37 By: JB -- Analyzed: 11-Nov-15 15:10 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<3.50 mg/L	92.4% / 94.8%	94.7% / NA		2.54%	

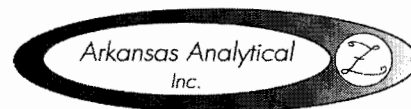
Total Metals -- Batch: A511154 (Water)  
 Prepared: 11-Nov-15 13:20 By: HF -- Analyzed: 12-Nov-15 10:40 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	97.0% / NA	92.1% / 96.7%		2.67%	
Copper	<0.0208 mg/L	93.8% / NA	88.3% / 92.7%		3.00%	
Nickel	<0.0104 mg/L	96.9% / NA	88.5% / 94.0%		2.44%	
Zinc	<0.00520 mg/L	95.6% / NA	93.4% / 98.1%		3.22%	

Wet Chemistry -- Batch: A511155 (Water)  
 Prepared: 12-Nov-15 09:40 By: TA -- Analyzed: 12-Nov-15 09:40 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	87.0% / 93.0%	NA / NA		6.67%	

17 November 2015

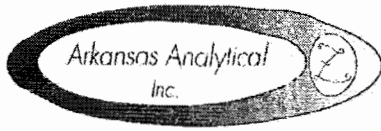


**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: November 2015**  
**Date Received: 10-Nov-15 15:20**

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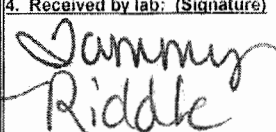
All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

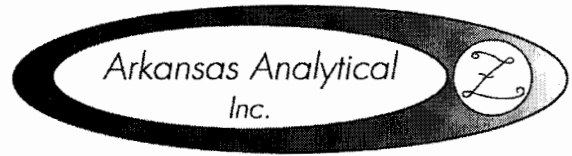
Reviewed by: Norma James / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Weekly Wastewater Sample			1 Day (100%)		1. Cool, 4 Degrees Centigrade				4. Thiosulfate for Dechlorination								
415 South Oklahoma St.						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2				5. Hydrochloric Acid(HCl)								
Sheridan, AR 72150			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2				6. Sodium Hydroxide (NaOH), pH > 12								
Attn: James House			Telephone: 870-942-2111			5 Day (Routine)		<b>TEST PARAMETERS</b>								Bottle Type Code				
			Email: james.house@kohler.com, joe.mcelroy@kohler.com, neel.hollinger@kohler.com			Preservative Code:		1	1,3	1,2								G - Glass, P - Plastic		
						Bottle Type:		P	P	GA								V - Septum, A - Amber		
 Sampler(s) Signature			Mike Lorenson Sampler(s) Printed															Arkansas Analytical Work Order Number:		
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		TSS	Cr, Cu, Ni, Zn	Oil and Grease									
	11/9-11/10-2015	6AM-6AM		X	2	Water	Wastewater Composite (Weekly)		X	X								1511140		
	11/10/2015	6AM	X		1	Water	Wastewater Grab				X							01		
	11/10/2015	6AM	X		1	Water	Wastewater Grab - Lab QC Sample				X							02		
																		03		
<b>ONSITE MEASUREMENTS BY Kohler</b>																				
												pH (S.U.)								
												Flow								
1. Relinquished by: (Signature)			Date/Time			2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB				REMARKS / SAMPLE COMMENTS							
			11/10/15 8:40 AM						1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No				Flow: 116,800							
									2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No				pH: 6.76							
									3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No											
3. Relinquished by: (Signature)			Date/Time			4. Received by lab: (Signature)			4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No											
			1520 11-10-15						5. TEMPERATURE ON RECEIPT: 40°C											
									6. TEMPERATURE GUN ID: HHT#2											
FOR COMPLETION BY LAB ONLY																				



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

23 November 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: November 2015  
SDG Number: 1511251

Enclosed are the results of analyses for samples received by the laboratory on 17-Nov-15 15:40. 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	2.0°C

Sincerely,

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

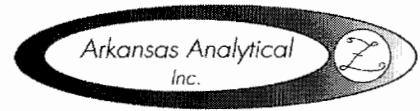
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Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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23 November 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: November 2015  
Date Received: 17-Nov-15 15:40



**CASE NARRATIVE**

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Sample Delivery Group – 1511251

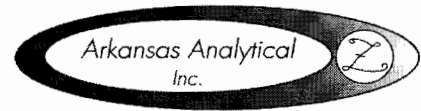
**One OR more of the qualifiers described below may appear in this report.**

**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.
E5	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



23 November 2015



James House  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Weekly Wastewater Sample  
 Project Number: November 2015  
 Date Received: 17-Nov-15 15:40

**ANALYTICAL RESULTS**

Lab Number: 1511251-01  
 Sample Name: Wastewater Composite (Weekly)  
 Date/Time Collected: 11/17/15 6:00  
 Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.423		11/19/15 11:36	A511237	200.7, Rev 4.4 (1994)
Copper	mg/L	0.186	E21	11/19/15 11:36	A511237	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.156		11/19/15 11:36	A511237	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.154		11/19/15 11:36	A511237	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	3.00		11/18/15 14:45	A511234	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1511251-02  
 Sample Name: Wastewater Grab  
 Date/Time Collected: 11/17/15 6:00  
 Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 3.50		11/18/15 14:51	A511229	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

**Wet Chemistry -- Batch: A511229 (Water)**

Prepared: 18-Nov-15 08:37 By: JB -- Analyzed: 18-Nov-15 14:51 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<3.50 mg/L	93.2% / 96.5%	90.5% / NA		3.43%	

**Wet Chemistry -- Batch: A511234 (Water)**

Prepared: 18-Nov-15 14:45 By: TA -- Analyzed: 18-Nov-15 14:45 By: TA

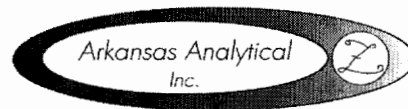
Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	95.0% / 89.0%	NA / NA		6.52%	

**Total Metals -- Batch: A511237 (Water)**

Prepared: 18-Nov-15 16:15 By: HF -- Analyzed: 19-Nov-15 11:32 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	99.3% / NA	102% / 109%		3.75%	
Copper	<0.0208 mg/L	95.7% / NA	100% / 105%		3.53%	
Nickel	<0.0104 mg/L	98.8% / NA	101% / 107%		4.24%	
Zinc	<0.00520 mg/L	97.0% / NA	101% / 107%		4.05%	

23 November 2015



**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: November 2015**  
**Date Received: 17-Nov-15 15:40**

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**QUALIFIER(S)**

\*E21: Estimated Result; This Analyte failed (low) in the CCV.

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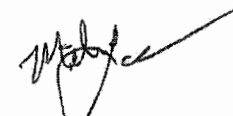


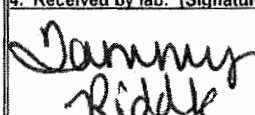
All Analysis performed according to EPA approved methodology when available:  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by: *Norma James / Teresa Coins*  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Weekly Wastewater Sample			1 Day (100%)		1. Cool, 4 Degrees Centigrade					4. Thiosulfate for Dechlorination								
415 South Oklahoma St.						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2					5. Hydrochloric Acid(HCl)								
Sheridan, AR 72150			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2					6. Sodium Hydroxide (NaOH), pH > 12								
Attn: James House			Telephone: 870-942-2111			5 Day (Routine)		TEST PARAMETERS										Bottle Type Code			
			Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			Preservative Code:		1	1,3	1,2									G = Glass; P = Plastic		
						Bottle Type:		P	P	GA									V = Suptun; A = Amber		
 Sampler(s) Signature			Mike Lorenson Sampler(s) Printed																		
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION										TSS	Cr, Cu, Ni, Zn	Oil and Grease	Arkansas Analytical Work Order Number:	
	Date/s	Time/s					IDENTIFICATION/ DESCRIPTION													1511251	
	11/16-11/17-2015	6AM-6AM		X	2	Water	Wastewater Composite (Weekly)										X	X		01	
	11/17/15	6AM	X		1	Water	Wastewater Grab												X	02	
	11/17/15	6AM	X		1	Water	Wastewater Grab - Lab QC Sample												X	03	
ONSITE MEASUREMENTS BY Kohler																					
																	pH (S.U.)				
																	Flow				
1. Relinquished by: (Signature)			Date/Time			2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB										REMARKS / SAMPLE COMMENTS		
			11/17/15 8:00 AM						1. CUSTODY SEALS: Yes ___ No ___ 2. CONTAINERS CORRECT: Yes ___ No ___ 3. COC/LABELS AGREE: Yes ___ No ___ 4. RECEIVED ON ICE: Yes ___ No ___ 5. TEMPERATURE ON RECEIPT: 2° 6. TEMPERATURE GUN ID: HHT#2												
3. Relinquished by: (Signature)			Date/Time			4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY												
			1540 11-17-15																		



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501-455-3233 Fax 501-455-6118

01 December 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: November 2015  
SDG Number: 1511366

Enclosed are the results of analyses for samples received by the laboratory on 24-Nov-15 14:07. 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	4.0°C

Sincerely,

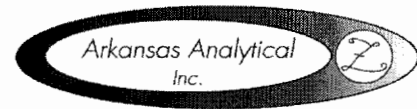
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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01 December 2015



James House  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Weekly Wastewater Sample  
 Project Number: November 2015  
 Date Received: 24-Nov-15 14:07

**ANALYTICAL RESULTS**

Lab Number: 1511366-01  
 Sample Name: Wastewater Composite (Weekly)  
 Date/Time Collected: 11/24/15 6:00  
 Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.614		12/1/15 13:59	A511344	200.7, Rev 4.4 (1994)
Copper	mg/L	0.659		12/1/15 13:59	A511344	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.633		12/1/15 13:59	A511344	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.274		12/1/15 13:59	A511344	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	6.00		11/30/15 16:50	A512002	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1511366-02  
 Sample Name: Wastewater Grab  
 Date/Time Collected: 11/24/15 6:00  
 Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 3.50		12/1/15 15:00	A512001	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

**Total Metals -- Batch: A511344 (Water)**

Prepared: 30-Nov-15 11:40 By: HF -- Analyzed: 01-Dec-15 13:56 By: HF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	99.9% / NA	95.1% / 85.2%		4.66%	
Copper	<0.0208 mg/L	96.5% / NA	92.5% / 82.2%		4.71%	
Nickel	<0.0104 mg/L	99.4% / NA	94.4% / 81.9%		5.81%	
Zinc	<0.00520 mg/L	101% / NA	101% / 92.8%		5.10%	

**Wet Chemistry -- Batch: A512001 (Water)**

Prepared: 01-Dec-15 08:10 By: JB -- Analyzed: 01-Dec-15 15:00 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<3.50 mg/L	91.5% / 95.9%	90.5% / NA		4.67%	

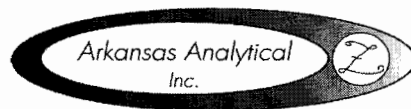
**Wet Chemistry -- Batch: A512002 (Water)**

Prepared: 30-Nov-15 16:50 By: TA -- Analyzed: 30-Nov-15 16:50 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	98.0% / 91.0%	NA / NA		7.41%	

01 December 2015

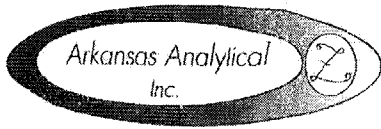
**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: November 2015**  
**Date Received: 24-Nov-15 14:07**



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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 / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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 Attn: James House			Weekly Wastewater Sample		1 Day (100%) 2 Day (50%) 3 Day (25%) 5 Day (Routine)	1. Cool, 4 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									
Reporting Information			Telephone: 870-942-2111		Preservative Code:	TEST PARAMETERS										Bottle Type Code				
Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com					1	1,3	1,2										G - Glass; P - Plastic V - Septum; A - Amber			
Bottle Type: P					P	P	GA													
Sampler(s) Signature			Sampler(s) Printed: Mike Lorenson																	
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION										TSS	Cr, Cu, Ni, Zn	Oil and Grease	Arkansas Analytical Work Order Number:
	11/24-11/23/2015	6AM-6AM		X	2	Water	Wastewater Composite (Weekly)										X	X		1511306
	11/24/2015	6AM	X		1	Water	Wastewater Grab												X	01
	11/24/2015	6AM	X		1	Water	Wastewater Grab - Lab QC Sample												X	02
ONSITE MEASUREMENTS BY Kohler																				
pH (S.U.)																				
Flow																				
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB										REMARKS / SAMPLE COMMENTS		
[Signature]			11/24/2015 8:00 AM		Farrish			1. CUSTODY SEALS: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 2. CONTAINERS CORRECT: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 3. COC/LABELS AGREE: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 4. RECEIVED ON ICE: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 5. TEMPERATURE ON RECEIPT: 40 6. TEMPERATURE GUN ID: HHT#2										Flow: 83,000 pH: 6.73		
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY												
Farrish			11-24-15 1407		Jammy Riddle															



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501-455-3233 Fax 501-455-6118

07 December 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: December 2015  
SDG Number: 1512042

Enclosed are the results of analyses for samples received by the laboratory on 02-Dec-15 16:10. 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	3.0°C

Sincerely,

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

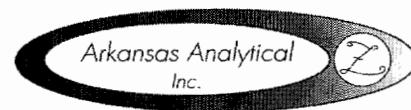
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Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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07 December 2015



**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: December 2015**  
**Date Received: 02-Dec-15 16:10**

**CASE NARRATIVE**

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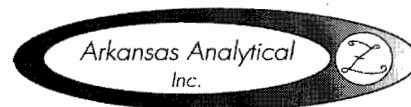
Sample Delivery Group – 1512042

**One OR more of the qualifiers described below may appear in this report.**

**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.
E5	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

07 December 2015



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: December 2015
Date Received: 02-Dec-15 16:10

ANALYTICAL RESULTS

Lab Number: 1512042-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 12/2/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1512042-02
Sample Name: Wastewater Grab
Date/Time Collected: 12/2/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Total Metals -- Batch: A512031 (Water)
Prepared: 03-Dec-15 11:30 By: HF -- Analyzed: 04-Dec-15 10:56 By: HF

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.

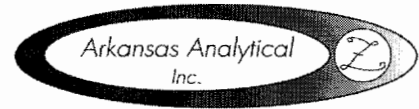
Wet Chemistry -- Batch: A512036 (Water)
Prepared: 03-Dec-15 16:25 By: TA -- Analyzed: 03-Dec-15 16:25 By: TA

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

Wet Chemistry -- Batch: A512047 (Water)
Prepared: 04-Dec-15 09:49 By: JB -- Analyzed: 04-Dec-15 11:21 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.

07 December 2015



James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150  
Project: Weekly Wastewater Sample  
Project Number: December 2015  
Date Received: 02-Dec-15 16:10

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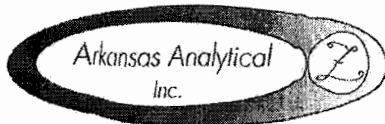
**QUALIFIER(S)**

\*E35: Estimated Result Due to Low Level CCV Failure

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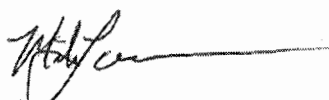
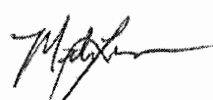



All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

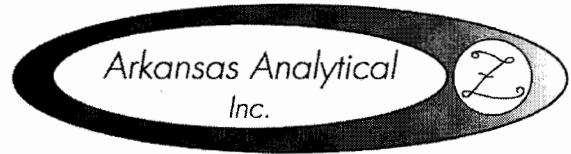
Reviewed by: Norma James / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Weekly Wastewater Sample			1 Day (100%)		1. Cool, 4 Degrees Centigrade			4. Thiosulfate for Dechlorination						
415 South Oklahoma St.						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2			5. Hydrochloric Acid(HCl)						
Sheridan, AR 72150			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2			6. Sodium Hydroxide (NaOH), pH > 12						
Attn: James House			Telephone: 870-942-2111			5 Day (routine)		TEST PARAMETERS						Bottle Type Code			
			Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			Preservative Code:		1	1,3	1,2					G = Glass; P = Plastic		
						Bottle Type:		P	P	GA					V = Septum, A = Amber		
 Sampler(s) Signature			Mike Lorenson Sampler(s) Printed												Arkansas Analytical Work Order Number:		
Field Number	SAMPLE COLLECTION Date/s Time/s		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION				TSS	Cr, Cu, Ni, Zn	Oil and Grease				
	12/1/15 - 12/2/15 6AM-6AM			X	2	Water	Wastewater Composite (Weekly)				X	X				15/2042-01	
	12/2/15 6AM		X		1	Water	Wastewater Grab						X			02	
	12/2/15 6AM		X		1	Water	Wastewater Grab - Lab QC Sample						X			L	
												ONSITE MEASUREMENTS BY Kohler					
												pH (S.U.)					
												Flow					
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB				REMARKS / SAMPLE COMMENTS					
			12/2/15 8:00 AM					1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2. CONTAINERS CORRECT: <input type="checkbox"/> Yes <input type="checkbox"/> No 3. COC/LABELS AGREE: <input type="checkbox"/> Yes <input type="checkbox"/> No 4. RECEIVED ON ICE: <input type="checkbox"/> Yes <input type="checkbox"/> No 5. TEMPERATURE ON RECEIPT: 3°C 6. TEMPERATURE GUN ID: IHT #2				Flow: 103,700 pH: 6.98					
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY									
			1600 12-2-15														



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

30 December 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: December 2015  
SDG Number: 1512283

Enclosed are the results of analyses for samples received by the laboratory on 16-Dec-15 08:17. 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	4.0°C

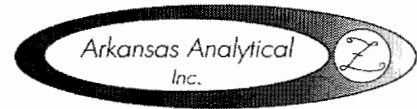
Sincerely,

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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30 December 2015



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: December 2015
Date Received: 16-Dec-15 08:17

ANALYTICAL RESULTS

Lab Number: 1512283-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 12/15/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1512283-02
Sample Name: Wastewater Grab
Date/Time Collected: 12/15/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: A512212 (Water)
Prepared: 18-Dec-15 10:26 By: JB -- Analyzed: 18-Dec-15 15:25 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.

Total Metals -- Batch: A512242 (Water)
Prepared: 21-Dec-15 16:35 By: HF -- Analyzed: 22-Dec-15 16:10 By: HF

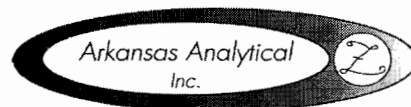
Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.

Wet Chemistry -- Batch: A512243 (Water)
Prepared: 21-Dec-15 09:00 By: TA -- Analyzed: 21-Dec-15 09:00 By: TA

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

30 December 2015

**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: December 2015**  
**Date Received: 16-Dec-15 08:17**



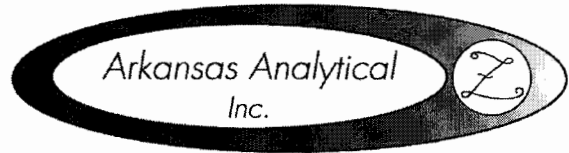
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All Analysis performed according to EPA approved methodology when available :  
SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.  
Instrument calibration and quality control samples performed at or above frequency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

Reviewed by: Norma James / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer







11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

31 December 2015

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: December 2015  
SDG Number: 1512381

Enclosed are the results of analyses for samples received by the laboratory on 22-Dec-15 14:55. 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	3.0°C

Sincerely,

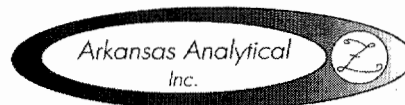
A handwritten signature in cursive script that reads "Norma James / Teresa Coins".

---

Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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31 December 2015



James House  
 Kohler-Plating - Sheridan  
 415 S Oklahoma St.  
 Sheridan, AR 72150  
 Project: Weekly Wastewater Sample  
 Project Number: December 2015  
 Date Received: 22-Dec-15 14:55

**ANALYTICAL RESULTS**

Lab Number: 1512381-01  
 Sample Name: Wastewater Composite (Weekly)  
 Date/Time Collected: 12/22/15 6:00  
 Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Chromium	mg/L	0.287		12/29/15 15:44	A512281	200.7, Rev 4.4 (1994)
Copper	mg/L	1.28		12/29/15 15:44	A512281	200.7, Rev 4.4 (1994)
Nickel	mg/L	0.722		12/29/15 15:44	A512281	200.7, Rev 4.4 (1994)
Zinc	mg/L	0.201		12/29/15 15:44	A512281	200.7, Rev 4.4 (1994)
Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
TSS	mg/L	8.00		12/28/15 9:00	A512310	2540 D-1997

**ANALYTICAL RESULTS**

Lab Number: 1512381-02  
 Sample Name: Wastewater Grab  
 Date/Time Collected: 12/22/15 6:00  
 Sample Matrix: Water

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Oil and Grease	mg/L	< 3.50		12/28/15 13:30	A512298	1664 Mod, Rev. B 2010

**QUALITY CONTROL RESULTS**

**Total Metals -- Batch: A512281 (Water)**

Prepared: 23-Dec-15 12:00 By: HF -- Analyzed: 29-Dec-15 15:40 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Chromium	<0.0104 mg/L	105% / NA	107% / 107%		0.223%	
Copper	<0.0208 mg/L	98.0% / NA	97.6% / 97.7%		0.0150%	
Nickel	<0.0104 mg/L	99.9% / NA	102% / 101%		0.283%	
Zinc	<0.00520 mg/L	97.2% / NA	101% / 101%		0.0841%	

**Wet Chemistry -- Batch: A512298 (Water)**

Prepared: 28-Dec-15 09:23 By: JB -- Analyzed: 28-Dec-15 13:30 By: JB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Oil and Grease	<3.50 mg/L	95.0% / 92.4%	93.0% / NA		2.80%	

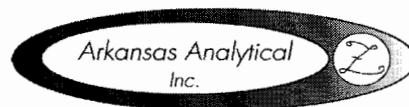
**Wet Chemistry -- Batch: A512310 (Water)**

Prepared: 28-Dec-15 09:00 By: TA -- Analyzed: 28-Dec-15 09:00 By: TA

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
TSS	<1.00 mg/L	94.0% / 94.0%	NA / NA		0.00%	

31 December 2015

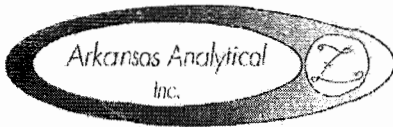
**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: December 2015**  
**Date Received: 22-Dec-15 14:55**



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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 / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Weekly Wastewater Sample			1 Day (100%)		1. Cool, 4 Degrees Centigrade				4. Thiosulfate for Dechlorination							
415 South Oklahoma St.						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2				5. Hydrochloric Acid(HCl)							
Sheridan, AR 72150			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2				6. Sodium Hydroxide (NaOH), pH > 12							
Attn: James House			Telephone: 870-942-2111			5 Day (Routine)		TEST PARAMETERS								Bottle Type Code			
			Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			Preservative Code:		1	1,3	1,2								G - Glass; P - Plastic	
						Bottle Type:		P	P	GA								V - Septum; A - Amber	
 Sampler(s) Signature			Mike Lorenson Sampler(s) Printed															Arkansas Analytical Work Order Number:	
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION			TSS	Cr, Cu, Ni, Zn	Oil and Grease							
	12/21-12/22/2015	6AM-6PM		X	2	Water	Wastewater Composite (Weekly)			X	X								1512381
	12/22/2015	6AM	X		1	Water	Wastewater Grab					X							01
	12/22/2015	6AM	X		1	Water	Wastewater Grab - Lab QC Sample					X							02
										ONSITE MEASUREMENTS BY Kohler									
										pH (S.U.)									
										Flow									
1. Relinquished by: (Signature)		Date/Time		2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB				REMARKS / SAMPLE COMMENTS									
		12/22/15 8:00am		Pamish		1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No 2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No 3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No 4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No 5. TEMPERATURE ON RECEIPT: 3°C 6. TEMPERATURE GUN ID: HHT#2				Flow: 76,500 pH: 6.82									
3. Relinquished by: (Signature)		Date/Time		4. Received by lab: (Signature)		FOR COMPLETION BY LAB ONLY													
Pamish		12-22-15 14:55		Dannu Riddle															



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209  
501-455-3233 Fax 501-455-6118

06 January 2016

James House  
Kohler-Plating - Sheridan  
415 S Oklahoma St.  
Sheridan, AR 72150

Project: Weekly Wastewater Sample  
Project Number: December 2015  
SDG Number: 1512458

Enclosed are the results of analyses for samples received by the laboratory on 30-Dec-15 12:52. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

<u>Custody Seals</u>	✓
<u>Containers Correct</u>	✓
<u>COC/Labels Agree</u>	✓
<u>Received On Ice</u>	✓
Temperature on Receipt	3.0°C

Sincerely,

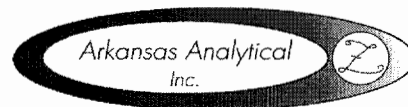
*Norma James / Teresa Coins*

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Norma James and/or Teresa Coins  
Technical Director and/or QA Officer

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06 January 2016



James House
Kohler-Plating - Sheridan
415 S Oklahoma St.
Sheridan, AR 72150
Project: Weekly Wastewater Sample
Project Number: December 2015
Date Received: 30-Dec-15 12:52

ANALYTICAL RESULTS

Lab Number: 1512458-01
Sample Name: Wastewater Composite (Weekly)
Date/Time Collected: 12/30/15 6:00
Sample Matrix: Water

Table with 7 columns: Total Metals, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Rows include Chromium, Copper, Nickel, Zinc, and TSS.

ANALYTICAL RESULTS

Lab Number: 1512458-02
Sample Name: Wastewater Grab
Date/Time Collected: 12/30/15 6:00
Sample Matrix: Water

Table with 7 columns: Wet Chemistry, Units, Result, Qualifier(s), Date/Time Analyzed, Batch, Method. Row includes Oil and Grease.

QUALITY CONTROL RESULTS

Total Metals -- Batch: A512345 (Water)
Prepared: 31-Dec-15 10:20 By: HF -- Analyzed: 05-Jan-16 13:24 By: HF

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Rows include Chromium, Copper, Nickel, Zinc.

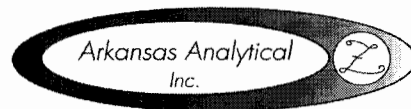
Wet Chemistry -- Batch: A512357 (Water)
Prepared: 31-Dec-15 08:00 By: JB -- Analyzed: 31-Dec-15 11:11 By: JB

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes Oil and Grease.

Wet Chemistry -- Batch: A512359 (Water)
Prepared: 31-Dec-15 09:00 By: TB -- Analyzed: 31-Dec-15 09:00 By: TA

Table with 7 columns: Analyte, BLK, LCS / LCSD, MS / MSD, Dup, RPD, Qualifiers. Row includes TSS.

06 January 2016

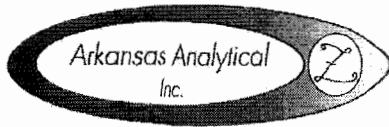


**James House**  
**Kohler-Plating - Sheridan**  
**415 S Oklahoma St.**  
**Sheridan, AR 72150**  
**Project: Weekly Wastewater Sample**  
**Project Number: December 2015**  
**Date Received: 30-Dec-15 12:52**

---

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 / Teresa Coins  
Norma James and/or Teresa Coins  
Technical Director and/or QA Officer



11701 Interstate 30, Bldg. 1, Ste. 115  
 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			Weekly Wastewater Sample			1 Day (100%)		1. Cool, 4 Degrees Centigrade				4. Thiosulfate for Dechlorination									
415 South Oklahoma St.						2 Day (50%)		2. Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> ), pH < 2				5. Hydrochloric Acid(HCl)									
Sheridan, AR 72150			Reporting Information			3 Day (25%)		3. Nitric Acid (HNO <sub>3</sub> ), pH < 2				6. Sodium Hydroxide (NaOH), pH > 12									
Attn: James House			Telephone: 870-942-2111			5 Day (Routine)		TEST PARAMETERS										Bottle Type Code			
			Email: james.house@kohler.com, joe.mcelroy@kohler.com, neal.hollinger@kohler.com			Preservative Code:		1	1,3	1,2									G = Glass; P = Plastic		
						Bottle Type:		P	P	GA										V = Septum; A = Amber	
																			Arkansas Analytical Work Order Number:		
Sampler(s) Signature			Sampler(s) Printed																1512458		
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION	TSS	Cr, Cu, Ni, Zn	Oil and Grease											
	12/29-30/15	6Am/6Am		X	2	Water	Wastewater Composite (Weekly)	X	X											01	
	12/30/15	6Am	X		1	Water	Wastewater Grab			X										02	
	12/30/15	6Am	X		1	Water	Wastewater Grab - Lab QC Sample			X										1	
										ONSITE MEASUREMENTS BY Kohler											
										pH (S.U.)											
										Flow											
1. Relinquished by: (Signature)			Date/Time			2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS						
			8Am 12/30/15						1. CUSTODY SEALS: <input checked="" type="checkbox"/> Yes ___ No												
									2. CONTAINERS CORRECT: <input checked="" type="checkbox"/> Yes ___ No												
									3. COC/LABELS AGREE: <input checked="" type="checkbox"/> Yes ___ No												
3. Relinquished by: (Signature)			Date/Time			4. Received by lab: (Signature)			4. RECEIVED ON ICE: <input checked="" type="checkbox"/> Yes ___ No												
			12-30-15 12:52						5. TEMPERATURE ON RECEIPT: 36												
									6. TEMPERATURE GUN ID: HHT# 2												
FOR COMPLETION BY LAB ONLY																					



## DISCHARGE MONITORING REPORT (DMR)

**Facility Name/Location**

Name: KOHLER Co.  
P.O. Box 427  
Sheridan, AR 72150

Facility: Sheridan Faucet Plant  
 Location: Oklahoma Street

Sheridan 001  
Permit Number

001 Treated Water  
Discharge Number

DMRFORM

Monitoring Period						
Year	MO	Day		Year	MO	Day
From <u>15</u>	<u>12</u>	<u>01</u>	To	<u>15</u>	<u>12</u>	<u>01</u>

Parameter	<del>X</del>	Quantity or Loading			Quality or Concentration			No. Ex	Frequency of Analysis	Sample Type	
		Average	Maximum	Units	Minimum	Average	Maximum				Units
CHROMIUM (T)	Sample Measurement				----	<u>0.51</u>	<u>1.34</u>	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	1.71	2.77			1-Yr.	24 Hr. Comp.
COPPER	Sample Measurement				----	<u>0.69</u>	<u>1.28</u>	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	1.25	2.04			1-Yr.	24 Hr. Comp.
NICKEL	Sample Measurement				----	<u>0.82</u>	<u>1.66</u>	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	2.38	3.98			1-Yr.	24 Hr. Comp.
ZINC	Sample Measurement				----	<u>0.18</u>	<u>0.32</u>	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	1.48	2.61			1-Yr.	24 Hr. Comp.
OIL & GREASE	Sample Measurement				----	----	<u>&lt;3.50</u>	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	----	50			1-Yr.	24 Hr. Comp.
TSS	Sample Measurement				----	----	<u>8.00</u>	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	----	250			1-Yr.	24 Hr. Comp.
	Sample Measurement							mg/l.		1-Yr.	24 Hr. Comp.
	Permit Requirement									1-Yr.	24 Hr. Comp.
<del>X</del>		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted 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.							<del>X</del>		
Name/Title Principal Executive Officer Mike Mayo Safety/Environmental Coordinator James House									Date:		
									Phone		
									870 942-2111		
									Area Code Number		
									Signature of Principal Executive Officer or Authorized Agent		

## DISCHARGE MONITORING REPORT (DMR)

**Facility Name/Location**

Name: KOHLER Co.  
P.O. Box 427  
Sheridan, AR 72150

Sheridan 001  
Permit Number

001 Treated Water  
Discharge Number

DMRFORM

Facility: Sheridan Faucet Plant  
 Location: Oklahoma Street

Monitoring Period							
From	Year	MO	Day	To	Year	MO	Day
	15	11	01		15	11	30

Parameter	<del>X</del>	Quantity or Loading			Quality or Concentration			Units	No. Ex	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum				
CHROMIUM (T)	Sample Measurement				----	0.40	0.61	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	1.71	2.77			1-Yr.	24 Hr. Comp.
COPPER	Sample Measurement				----	0.32	0.66	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	1.25	2.04			1-Yr.	24 Hr. Comp.
NICKEL	Sample Measurement				----	0.59	0.90	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	2.38	3.98			1-Yr.	24 Hr. Comp.
ZINC	Sample Measurement				----	0.20	0.27	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	1.48	2.61			1-Yr.	24 Hr. Comp.
OIL & GREASE	Sample Measurement				----	----	23.50	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	----	50			1-Yr.	24 Hr. Comp.
TSS	Sample Measurement				----	----	600	mg/l.	<del>Ø</del>	1-Yr.	24 Hr. Comp.
	Permit Requirement				----	----	250			1-Yr.	24 Hr. Comp.
	Sample Measurement							mg/l.		1-Yr.	24 Hr. Comp.
	Permit Requirement									1-Yr.	24 Hr. Comp.

<del>X</del>	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted 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.	<del>X</del>	Date: _____ Phone: _____ Signature of Principal Executive Officer or Authorized Agent
Name/Title Principal Executive Officer Mike Mayo Safety/Environmental Coordinator James House		870 942-2111 Area Code Number	

## DISCHARGE MONITORING REPORT (DMR)

**Facility Name/Location**

Name: KOHLER Co.

P.O. Box 427

Sheridan, AR 72150

 Facility: Sheridan Faucet Plant

 Location: Oklahoma Street

Sheridan 001


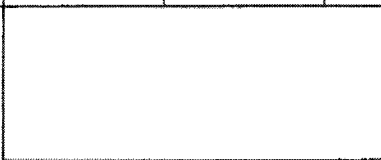

Permit Number

001 Treated Water

Discharge Number

DMRFORM

Monitoring Period							
From	Year	MO	Day	To	Year	MO	Day
	15	10	01		15	10	31

Parameter		Quantity or Loading			Quality or Concentration			No. Ex.	Frequency of Analysis	Sample Type	
		Average	Maximum	Units	Minimum	Average	Maximum				Units
CHROMIUM (T)	Sample Measurement				-----	0.67	1.33	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	1.71	2.77			1-Yr.	24 Hr. Comp.
COPPER	Sample Measurement				-----	0.34	0.57	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	1.25	2.04			1-Yr.	24 Hr. Comp.
NICKEL	Sample Measurement				-----	0.98	1.63	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	2.38	3.98			1-Yr.	24 Hr. Comp.
ZINC	Sample Measurement				-----	0.26	0.29	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	1.48	2.61			1-Yr.	24 Hr. Comp.
OIL & GREASE	Sample Measurement				-----	-----	5.53	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	-----	50			1-Yr.	24 Hr. Comp.
TSS	Sample Measurement				-----	-----	10.50	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	-----	250			1-Yr.	24 Hr. Comp.
	Sample Measurement							mg/l.		1-Yr.	24 Hr. Comp.
	Permit Requirement									1-Yr.	24 Hr. Comp.
		I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted 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.									
Name/Title Principal Executive Officer Mike Mayo Safety/Environmental Coordinator James House								Signature of Principal Executive Officer or Authorized Agent		870 942-2111	
										Area Code Number	

## DISCHARGE MONITORING REPORT (DMR)

**Facility Name/Location**

 Name: KOHLER Co.  
 P.O. Box 427  
 Sheridan, AR 72150

 Facility: Sheridan Faucet Plant  
 Location: Oklahoma Street

 Sheridan 001  
 Permit Number

 001 Treated Water  
 Discharge Number

DMRFORM

Monitoring Period						
Year	MO	Day		Year	MO	Day
From 15	09	01	To	15	09	30

Parameter		Quantity or Loading			Quality or Concentration			Units	No. Ex	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum				
CHROMIUM (T)	Sample Measurement				-----	0.66	1.48	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	1.71	2.77			1-Yr.	24 Hr. Comp.
COPPER	Sample Measurement				-----	0.23	0.41	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	1.25	2.04			1-Yr.	24 Hr. Comp.
NICKEL	Sample Measurement				-----	0.61	0.99	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	2.38	3.98		Ø	1-Yr.	24 Hr. Comp.
ZINC	Sample Measurement				-----	0.27	0.56	mg/l.		1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	1.48	2.61			1-Yr.	24 Hr. Comp.
OIL & GREASE	Sample Measurement				-----	-----	< 3.50	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	-----	50			1-Yr.	24 Hr. Comp.
TSS	Sample Measurement				-----	-----	8.50	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	-----	250			1-Yr.	24 Hr. Comp.
	Sample Measurement							mg/l.		1-Yr.	24 Hr. Comp.
	Permit Requirement									1-Yr.	24 Hr. Comp.

	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted 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.		
Name/Title Principal Executive Officer Bill Royals Safety/Environmental Coordinator James House		Signature of Principal Executive Officer or Authorized Agent	Date: _____  Phone: 870 942-2111 Area Code Number

## DISCHARGE MONITORING REPORT (DMR)

**Facility Name/Location**

Name: KOHLER Co.  
P.O. Box 427  
Sheridan, AR 72150

Sheridan 001  
Permit Number

001 Treated Water  
Discharge Number

DMRF0RM

Facility: Sheridan Faucet Plant  
 Location: Oklahoma Street

Monitoring Period							
From	Year	MO	Day	To	Year	MO	Day
	15	08	01		15	08	31

Parameter		Quantity or Loading			Quality or Concentration			No. Ex	Frequency of Analysis	Sample Type	
		Average	Maximum	Units	Minimum	Average	Maximum				Units
CHROMIUM (T)	<del>X</del> Sample Measurement				-----	0.52	1.09	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	1.71	2.77			1-Yr.	24 Hr. Comp.
COPPER	<del>X</del> Sample Measurement				-----	0.14	0.18	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	1.25	2.04			1-Yr.	24 Hr. Comp.
NICKEL	<del>X</del> Sample Measurement				-----	0.23	0.31	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	2.38	3.98			1-Yr.	24 Hr. Comp.
ZINC	<del>X</del> Sample Measurement				-----	0.07	0.13	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	1.48	2.61			1-Yr.	24 Hr. Comp.
OIL & GREASE	<del>X</del> Sample Measurement				-----	-----	4.251	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	-----	50			1-Yr.	24 Hr. Comp.
TSS	<del>X</del> Sample Measurement				-----	-----	8.50	mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement				-----	-----	250			1-Yr.	24 Hr. Comp.
	<del>X</del> Sample Measurement							mg/l.	Ø	1-Yr.	24 Hr. Comp.
	Permit Requirement									1-Yr.	24 Hr. Comp.

Name/Title Principal Executive Officer  
 Bill Royals  
 Safety/ Environmental Coordinator  
 James House

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted 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.

Signature of Principal Executive Officer or Authorized Agent

Date:  
 Phone  
 870 942-2111  
 Area Code Number

## DISCHARGE MONITORING REPORT (DMR)

**Facility Name/Location**

Name: KOHLER Co.

P.O. Box 427

Sheridan, AR 72150

Facility: Sheridan Faucet Plant

Location: Oklahoma Street

Sheridan 001

Permit Number



001 Treated Water

Discharge Number

DMRFORM

Monitoring Period							
From	Year	MO	Day	To	Year	MO	Day
	15	07	01		15	07	31

Parameter		Quantity or Loading			Quality or Concentration			No. Ex	Frequency of Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum			
CHROMIUM (T)	Sample Measurement				-----	0.31	0.49	mg/l.	Ø	1-Yr. 24 Hr. Comp.
	Permit Requirement				-----	1.71	2.77			1-Yr. 24 Hr. Comp.
COPPER	Sample Measurement				-----	0.15	0.23	mg/l.	Ø	1-Yr. 24 Hr. Comp.
	Permit Requirement				-----	1.25	2.04			1-Yr. 24 Hr. Comp.
NICKEL	Sample Measurement				-----	0.28	0.34	mg/l.	Ø	1-Yr. 24 Hr. Comp.
	Permit Requirement				-----	2.38	3.98			1-Yr. 24 Hr. Comp.
ZINC	Sample Measurement				-----	0.19	0.23	mg/l.	Ø	1-Yr. 24 Hr. Comp.
	Permit Requirement				-----	1.48	2.61			1-Yr. 24 Hr. Comp.
OIL & GREASE	Sample Measurement				-----	-----	< 2.50	mg/l.	Ø	1-Yr. 24 Hr. Comp.
	Permit Requirement				-----	-----	50			1-Yr. 24 Hr. Comp.
TSS	Sample Measurement				-----	-----	8.00	mg/l.	Ø	1-Yr. 24 Hr. Comp.
	Permit Requirement				-----	-----	250			1-Yr. 24 Hr. Comp.
	Sample Measurement							mg/l.	Ø	1-Yr. 24 Hr. Comp.
	Permit Requirement									1-Yr. 24 Hr. Comp.

	I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information. I believe the submitted 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.	 Signature of Principal Executive Officer or Authorized Agent
Name/Title Principal Executive Officer Bill Royals Safety/Environmental Coordinator James House	Date: <u>8/16/15</u> Phone: <u>870 942-2111</u> Area Code Number	