

ADEQ

ARKANSAS
Department of Environmental Quality

June 2, 2015

Nancy Busen, Interim Wastewater Utilities Manager
City of Bentonville
1901 N. E. A St.
Bentonville, AR 72712

RE: Bentonville POTW Inspection
AFIN: 04-00154 Permit No.: AR0022403

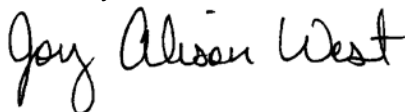
Dear Ms. Busen:

On May 12-13, 2015, Jason Bolenbaugh, Water Division Inspection Branch Manager, Matt Holden, District 1 Field Inspector, and I performed a Compliance Evaluation and Compliance Sampling Inspection of the above referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. A copy of the inspection report is enclosed for your records.


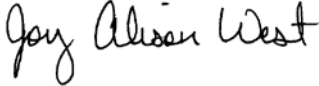

No violations were noted at the time of the inspection. Please refer to the attached inspection report for any comments.

If I can be of any assistance, please contact me at west@adeq.state.ar.us or 479.267.0811, ext. 12.

Sincerely,



Alison West
District 1 Field Inspector
Water Division

 A R K A N S A S Department of Environmental Quality		WATER DIVISION INSPECTION REPORT				
		AFIN: 04-00154		PERMIT #: AR0022403		DATE: 5/13/2015
		COUNTY: 04 Benton		PDS #: 084377		MEDIA: WN
		GPS LAT: N36.39100 LONG: W-94.20383 LOCATION: Entrance				
FACILITY INFORMATION			INSPECTION INFORMATION			
NAME: Bentonville POTW LOCATION: 1901 N.E. A St. CITY: Bentonville			FACILITY TYPE: 1 - Municipal			
			INSPECTOR ID#: 14939 S - State			
			FACILITY EVALUATION RATING: ***		INSPECTION TYPE: Compliance Sampling	
			DATE(S): 5/13/2015	ENTRY TIME: 07:30	EXIT TIME: 14:00	
			PERMIT EFFECTIVE DATE: 12/1/2013		PERMIT EXPIRATION DATE: 2/28/2014	
			FAYETTEVILLE SHALE RELATED: N			
			FAYETTEVILLE SHALE VIOLATIONS: N			
RESPONSIBLE OFFICIAL			INSPECTION PARTICIPANTS			
NAME / TITLE: Nancy Busen / Interim Wastewater Utilities Manager COMPANY: City of Bentonville MAILING ADDRESS: 1901 N. E. A St. CITY, STATE, ZIP: Bentonville AR 72712 PHONE & EXT. / FAX: EMAIL:			NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Nancy Busen, Interim Wastewater Utilities Manager Chris Earl, Wastewater OPS Foreman			
CONTACTED DURING INSPECTION: Yes						
AREA EVALUATIONS						
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)						
S	PERMIT	S	FLOW MEASUREMENT	**	STORMWATER	
**	RECORDS/REPORTS	S	LABORATORY	S	FACILITY SITE REVIEW	
S	OPERATION & MAINTENANCE	S	EFFLUENT/RECEIVING WATER	**	SELF-MONITORING PROGRAM	
S	SAMPLING	S	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT	
**	OTHER:					
SUMMARY OF FINDINGS						
No violations were noted at the time of the inspection.						
GENERAL COMMENTS						
At the time of the inspection, pH, dissolved oxygen were sampled and analyzed in the field. 40CFR 136 methodology was used in all sample collection and analysis. The following sample results were obtained: pH results: 7.15 S.U. sample duplicate 7.21 S.U. Dissolved Oxygen results: 7.80 mg/L (17.5°C) sample duplicate 7.75 mg/L (17.5°C)						
INSPECTOR'S SIGNATURE:			 -Alison West		DATE: 5-28-2015	
SUPERVISOR'S SIGNATURE:			 Jason Bolenbaugh		DATE: 6/2/2015	

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. ALL DISCHARGES ARE PERMITTED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
a. DATES AND TIME(S) OF SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. EXACT LOCATION(S) OF SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
d. ANALYTICAL METHODS AND TECHNIQUES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
e. RESULTS OF CALIBRATIONS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
f. RESULTS OF ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
g. DATES AND TIMES OF ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
h. NAME OF PERSON(S) PERFORMING ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. TREATMENT UNITS PROPERLY OPERATED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
2. TREATMENT UNITS PROPERLY MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. SAMPLES REFRIGERATED DURING COMPOSITING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER PRESERVATION TECHNIQUES USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: __ TYPE OF DEVICE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. CALIBRATION FREQUENCY ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
9. HEAD MEASURED AT PROPER LOCATION:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. QUALITY CONTROL PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. DUPLICATE SAMPLES ARE ANALYZED \geq 10% OF THE TIME:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SPIKED SAMPLES ARE ANALYZED \geq 10% OF THE TIME:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. COMMERCIAL LABORATORY USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. LAB NAME: <u>American Interplex</u>	<u>Huther and Associates, Inc.</u>
b. LAB ADDRESS: <u>8600 Kanis Rd, Little Rock, AR 72204</u>	<u>1156 N. Bonnie Brae Denton, TX 76201</u>
c. PARAMETERS PERFORMED: <u>Table II Organics, Table III Metals, TCLP, PCB</u>	<u>Biomonitoring</u>
8. BIOMONITORING PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. PROPER ORGANISMS USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER DILUTION SERIES FOLLOWED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. PROPER TEST METHODS AND DURATION:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS							
BASED ON VISUAL OBSERVATIONS ONLY						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	None	None	Clear	Trace	None	Clear	--
SECTION H: SLUDGE DISPOSAL							
SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY:						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503:						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE):							
SECTION I: SAMPLING INSPECTION PROCEDURES							
SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
1. SAMPLES OBTAINED THIS INSPECTION:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
2. TYPE OF SAMPLE: <input checked="" type="checkbox"/> GRAB: <u>pH, D.O., fecal coliform</u> <input checked="" type="checkbox"/> COMPOSITE: <u>24 hour composite</u> METHOD:___ FREQUENCY:							
3. SAMPLES PRESERVED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
4. FLOW PROPORTIONED SAMPLES OBTAINED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
7. SAMPLE SPLIT WITH PERMITTEE:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
SECTION J: STORM WATER POLLUTION PREVENTION PLAN							
STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS						<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS: Facility has a No Exposure Exclusion under the Industrial Stormwater General Permit. Permit tracking number is ARR00C404.							
1. SWPPP UPDATED AS NEEDED:___ DATE OF LAST UPDATE:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
3. POLLUTION PREVENTION TEAM IDENTIFIED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
5. LIST OF POTENTIAL POLLUTANT SOURCES:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
8. LIST OF STRUCTURAL BMPS:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
9. LIST OF NON-STRUCTURAL BMPS:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
10. BMPS PROPERLY OPERATED AND MAINTAINED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
11. INSPECTIONS CONDUCTED AS REQUIRED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	

FLOW CALCULATION SHEET

Date: <input style="width: 150px;" type="text"/>						Time: <input style="width: 150px;" type="text"/>							
Head in Inches: <input style="width: 100px;" type="text"/>				Feet: <input style="width: 100px;" type="text"/>									
Type & Size of Primary Flow Measurement Device:													
Name & Model of Secondary Flow Measurement Device:													
Date of last Calibration of Secondary Flow Device:													
Recorded Flow at Date & Time Listed Above:												(Facility Flow Meter)	
Calculated Flow at Date & Time Listed Above:													
(Flow is calculated using flow charts in: <u>ISCO Open Channel Flow Measurement Handbook-5th Edition</u>)													
% Error =		Recorded Value			-	Calculated Value			X 100				
		Calculated Value											
% Error =					-				X 100				
% Error =					X 100								
% Error =					X 100								
% Error =					%								
Comments:													

DMR Calculation Check

Reporting Period: From 2015 02 01 To 2015 02 28
 Year Month Day Year Month Day

Parameter Checked: TSS

	Loading Mass Mo. Avg. - lbs/day	Concentration Monthly Mo. Avg. - mg/l	7-day Avg. - mg/l
Reported Value:	<u>215.4</u>	<u>8.0</u>	<u>13.7</u>
Calculated Value:	<u>215.4</u>	<u>8.0</u>	<u>13.7</u>
Permit Value:	<u>500.00</u>	<u>15</u>	<u>23</u>

If calculated value does not equal reported value, explain:

ATTACHMENT 1



5301 Northshore Drive
North Little Rock, AR 72118
Telephone: 501-682-0744

Client Report For: Bentonville WWTP CSI 2015 1319-1320
Attention:
Client Address:

Report Date: May 28, 2015
LAB ID: AR15MAY13-07
Comment:

Approved By: _____

Date: May 28, 2015

<u>Client:</u> CSI	<u>Client Sample ID:</u> Outfall 001
<u>Lab ID:</u> 2015-1320	<u>Collection Date:</u> 5/13/2015 8:16:00 AM
	<u>Matrix:</u> Water

Analyses

Fecal Coliforms	SM 9222 D	Batch: 15051403	Run: 1		
	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Fecal Coliforms	~<2	4	4		cfu/100ml
Analyzed By	Lazendra L Hairston				
Analysis Date/Time	5/13/2015 14:30				

Client: CSI	Client Sample ID: Outfall 001
Lab ID: 2015-1319	Collection Date: 5/13/2015 7:44:00 AM
Matrix: Water	

Analyses

Ammonia as Nitrogen	SM 4500-NH3 H (20th)	Batch: 15051508 Run: 1			
	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Ammonia as N	0.308	0.03	0.03		mg/L
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 3:16:58 PM				

Carb. Biochemical Oxygen Demand (CBOD) 5 Day	SM 5210-B	Batch: 15052210 Run: 1			
	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Carbonaceous BOD	0.62	0.2	0.2		mg/L
Analyzed By	Robert Graddy				
Analysis Date/Time	5/13/2015 13:30				

Nitrate and Nitrite	SM 4500-NO3 I (20th)	Batch: 15051510 Run: 1			
	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Nitrate/Nitrite as N	3.99	0.03	0.03		mg/L
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 3:16:58 PM				

Orthophosphate as Phosphorus	SM 4500-P G (20th)	Batch: 15051509 Run: 1			
	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Orthophosphate as P	0.785	0.02	0.02		mg/L
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 3:16:58 PM				

Total Suspended Solids	EPA 160.2	Batch: 15051506 Run: 1			
	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Total Suspended Solids	7.7	1.0	1.0		mg/L
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

Total Kjeldahl Nitrogen

SM 4500-N C

Batch: 15051512 Run: 1

	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Total Kjeldahl Nitrogen	1.96	0.25	0.05		mg/L
Dilution Factor	5				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 10:37:35 AM				

Total Phosphorus

SM 4500-P J (20th)

Batch: 15051511 Run: 1

	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Phosphorus-total	1.08	0.1	0.02		mg/L
Dilution Factor	5				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 10:37:35 AM				

Analytical Quality Control Results Report

Batch: 15051403	Fecal Coliforms - water
<i>Outfall 001</i>	<i>LIMS ID: 2015-1320</i>

Fecal Coliforms DUP

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Fecal Coliforms	~<2 cfu/100ml	4	4		
Fecal Coliforms (RPD)	0 %				0 - 20
Analysis Date/Time	5/13/2015 14:30				
Analyzed By	Lazendra L Hairston				

Analytical Quality Control Results Report

Batch: 15052210	CBOD5 - water
Outfall 001	LIMS ID: 2015-1319

CBOD - water DUP

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Carbonaceous BOD	0.47 mg/L	0.2	0.2		
Carbonaceous BOD (RPD)	>20 %				0 - 20
Analyzed By	Robert Graddy				
Analysis Date/Time	5/13/2015 13:30				

MB	LIMS ID: 15052210-MB-01
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CBOD - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Carbonaceous BOD	<0.2 mg/L	0.2	0.2		
Analyzed By	Robert Graddy				
Analysis Date/Time	5/13/2015 13:30				

LCS	LIMS ID: 15052210-LCS-01
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CBOD - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Carbonaceous BOD (% Recovery)	78.4 %			80 - 120	
Analyzed By	Robert Graddy				
Analysis Date/Time	5/13/2015 13:30				

LCS	LIMS ID: 15052210-LCS-02
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CBOD - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Carbonaceous BOD (% Recovery)	76.6 %			80 - 120	
Analyzed By	Robert Graddy				
Analysis Date/Time	5/13/2015 13:30				

Analytical Quality Control Results Report

Batch: 15051506	TSS - water
Outfall 001	LIMS ID: 2015-1319

Solids, Total Suspended - water DUP

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids	7.5 mg/L	1	1		
Total Suspended Solids (RPD)	2.6 %				0 - 20
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

MB	LIMS ID: 15051506-MB-01
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Solids, Total Suspended - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids	<1 mg/L	1	1		
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

LCS	LIMS ID: 15051506-LCS-01
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Solids, Total Suspended - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids (% Recovery)	118 %			90 - 110	
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

MB	LIMS ID: 15051506-MB-02
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Solids, Total Suspended - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids	<1 mg/L	1	1		
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

LCS	LIMS ID: 15051506-LCS-02
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Solids, Total Suspended - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids (% Recovery)	117 %			90 - 110	
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

MB **LIMS ID: 15051506-MB-03**

Solids, Total Suspended - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids	<1 mg/L	1	1		
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

LCS **LIMS ID: 15051506-LCS-03**

Solids, Total Suspended - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids (% Recovery)	111 %			90 - 110	
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

MB **LIMS ID: 15051506-MB-04**

Solids, Total Suspended - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids	<1 mg/L	1	1		
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

LCS **LIMS ID: 15051506-LCS-04**

Solids, Total Suspended - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids (% Recovery)	114 %			90 - 110	
Analyzed By	Kathryn Hattenhauer				
Analysis Date/Time	5/13/2015 7:30				

Analytical Quality Control Results Report

Batch: 15051508	Lachat - Ammonia (water)
Outfall 001	LIMS ID: 2015-1319

Ammonia as N - water DUP

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Ammonia as N	0.343 mg/L	0.03	0.03		
Ammonia as N (RPD)	10.8 %				0 - 20
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 3:18:00 PM				

MB	LIMS ID: 15051508-MB-01
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Ammonia as N - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Ammonia as N	<0.03 mg/L	0.03	0.03		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:10:15 AM				

LCS	LIMS ID: 15051508-LCS-01
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Ammonia as N - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Ammonia as N (% Recovery)	98.3 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:11:18 AM				

MB	LIMS ID: 15051508-MB-02
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Ammonia as N - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Ammonia as N	<0.03 mg/L	0.03	0.03		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:42:32 AM				

LCS	LIMS ID: 15051508-LCS-02
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Ammonia as N - water LCS

Run: 1

Inspection Report: **Bentonville POTW**, AFIN: **04-00154**, Permit #: **AR0022403**

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Ammonia as N (% Recovery)	103 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:45:41 AM				

MB	LIMS ID: 15051508-MB-03
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Ammonia as N - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Ammonia as N	<0.03 mg/L	0.03	0.03		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:15:57 PM				

LCS	LIMS ID: 15051508-LCS-03
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Ammonia as N - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Ammonia as N (% Recovery)	101 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:16:59 PM				

MB	LIMS ID: 15051508-MB-04
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Ammonia as N - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Ammonia as N	<0.03 mg/L	0.03	0.03		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:48:18 PM				

LCS	LIMS ID: 15051508-LCS-04
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Ammonia as N - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Ammonia as N (% Recovery)	102 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:49:21 PM				

Analytical Quality Control Results Report

Batch: 15051509	Lachat - OP (water)
Outfall 001	LIMS ID: 2015-1319

Orthophosphate as P - water DUP

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Orthophosphate as P	0.802 mg/L	0.02	0.02		
Orthophosphate as P (RPD)	2.1 %				0 - 20
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 3:18:00 PM				

MB	LIMS ID: 15051509-MB-01
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Orthophosphate as P - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Orthophosphate as P	<0.02 mg/L	0.02	0.02		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:10:15 AM				

LCS	LIMS ID: 15051509-LCS-01
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Orthophosphate as P - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Orthophosphate as P (% Recovery)	97.0 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:11:18 AM				

MB	LIMS ID: 15051509-MB-02
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Orthophosphate as P - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Orthophosphate as P	<0.02 mg/L	0.02	0.02		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:42:32 AM				

LCS	LIMS ID: 15051509-LCS-02
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Orthophosphate as P - water LCS

Run: 1

Inspection Report: **Bentonville POTW**, AFIN: **04-00154**, Permit #: **AR0022403**

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Orthophosphate as P (% Recovery)	84.5 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:45:41 AM				

MB **LIMS ID: 15051509-MB-03**

Orthophosphate as P - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Orthophosphate as P	<0.02 mg/L	0.02	0.02		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:15:57 PM				

LCS **LIMS ID: 15051509-LCS-03**

Orthophosphate as P - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Orthophosphate as P (% Recovery)	97.5 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:16:59 PM				

MB **LIMS ID: 15051509-MB-04**

Orthophosphate as P - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Orthophosphate as P	<0.02 mg/L	0.02	0.02		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:48:18 PM				

LCS **LIMS ID: 15051509-LCS-04**

Orthophosphate as P - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Orthophosphate as P (% Recovery)	98.0 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:49:21 PM				

Analytical Quality Control Results Report

Batch: 15051510	Lachat - NO3+NO2 (water)
Outfall 001	LIMS ID: 2015-1319

Nitrate and Nitrite - water DUP

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Nitrate/Nitrite as N	3.97 mg/L	0.03	0.03		
Nitrate/Nitrite as N (RPD)	0.5 %				0 - 20
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 3:18:00 PM				

MB	LIMS ID: 15051510-MB-01
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Nitrate and Nitrite - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Nitrate/Nitrite as N	<0.03 mg/L	0.03	0.03		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:10:15 AM				

LCS	LIMS ID: 15051510-LCS-01
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Nitrate and Nitrite - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Nitrate/Nitrite as N (% Recovery)	104 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:11:18 AM				

MB	LIMS ID: 15051510-MB-02
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Nitrate and Nitrite - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Nitrate/Nitrite as N	<0.03 mg/L	0.03	0.03		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:42:32 AM				

LCS	LIMS ID: 15051510-LCS-02
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Nitrate and Nitrite - water LCS

Run: 1

Inspection Report: **Bentonville POTW**, AFIN: **04-00154**, Permit #: **AR0022403**

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Nitrate/Nitrite as N (% Recovery)	99.3 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 11:45:41 AM				

MB **LIMS ID: 15051510-MB-03**

Nitrate and Nitrite - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Nitrate/Nitrite as N	<0.03 mg/L	0.03	0.03		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:15:57 PM				

LCS **LIMS ID: 15051510-LCS-03**

Nitrate and Nitrite - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Nitrate/Nitrite as N (% Recovery)	97.7 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:16:59 PM				

MB **LIMS ID: 15051510-MB-04**

Nitrate and Nitrite - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Nitrate/Nitrite as N	<0.03 mg/L	0.03	0.03		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:48:18 PM				

LCS **LIMS ID: 15051510-LCS-04**

Nitrate and Nitrite - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Nitrate/Nitrite as N (% Recovery)	95.8 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/13/2015 12:49:21 PM				

Analytical Quality Control Results Report

Batch: 15051511	Lachat - TP (water)
Outfall 001	LIMS ID: 2015-1319

TP (Total Phosphorus) - water DUP

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Phosphorus-total	1.07 mg/L	0.1	0.1		
Phosphorus-total (RPD)	0.9 %				0 - 20
Dilution Factor	5				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 10:38:36 AM				

MB	LIMS ID: 15051511-MB-01
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TP (Total Phosphorus) - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Phosphorus-total	<0.02 mg/L	0.02	0.02		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 8:35:50 AM				

LCS	LIMS ID: 15051511-LCS-01
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TP (Total Phosphorus) - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Phosphorus-total (% Recovery)	94.0 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 8:36:52 AM				

MB	LIMS ID: 15051511-MB-02
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TP (Total Phosphorus) - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Phosphorus-total	<0.02 mg/L	0.02	0.02		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 9:07:07 AM				

LCS	LIMS ID: 15051511-LCS-02
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TP (Total Phosphorus) - water LCS

Run: 1

Inspection Report: **Bentonville POTW**, AFIN: **04-00154**, Permit #: **AR0022403**

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Phosphorus-total (% Recovery)	99.5 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 9:10:08 AM				

MB	LIMS ID: 15051511-MB-03
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TP (Total Phosphorus) - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Phosphorus-total	<0.02 mg/L	0.02	0.02		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 9:39:27 AM				

LCS	LIMS ID: 15051511-LCS-03
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TP (Total Phosphorus) - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Phosphorus-total (% Recovery)	96.0 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 9:40:28 AM				

MB	LIMS ID: 15051511-MB-04
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TP (Total Phosphorus) - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Phosphorus-total	<0.02 mg/L	0.02	0.02		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 10:25:29 AM				

LCS	LIMS ID: 15051511-LCS-04
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TP (Total Phosphorus) - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Phosphorus-total (% Recovery)	93.5 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 10:26:30 AM				

Analytical Quality Control Results Report

Batch: 15051512	Lachat - TKN (water)
Outfall 001	LIMS ID: 2015-1319

TKN - water DUP

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Kjeldahl Nitrogen	1.91 mg/L	0.25	0.25		
Total Kjeldahl Nitrogen (RPD)	2.6 %				0 - 20
Dilution Factor	5				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 10:38:36 AM				

MB	LIMS ID: 15051512-MB-01
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TKN - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Kjeldahl Nitrogen	<0.05 mg/L	0.05	0.05		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 8:35:50 AM				

LCS	LIMS ID: 15051512-LCS-01
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TKN - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Kjeldahl Nitrogen (% Recovery)	102 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 8:36:52 AM				

MB	LIMS ID: 15051512-MB-02
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TKN - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Kjeldahl Nitrogen	<0.05 mg/L	0.05	0.05		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 9:07:07 AM				

LCS	LIMS ID: 15051512-LCS-02
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TKN - water LCS

Run: 1

Inspection Report: **Bentonville POTW**, AFIN: **04-00154**, Permit #: **AR0022403**

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Kjeldahl Nitrogen (% Recovery)	96.5 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 9:10:08 AM				

MB **LIMS ID: 15051512-MB-03**

TKN - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Kjeldahl Nitrogen	<0.05 mg/L	0.05	0.05		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 9:39:27 AM				

LCS **LIMS ID: 15051512-LCS-03**

TKN - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Kjeldahl Nitrogen (% Recovery)	94.4 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 9:40:28 AM				

MB **LIMS ID: 15051512-MB-04**

TKN - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Kjeldahl Nitrogen	<0.05 mg/L	0.05	0.05		
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 10:25:29 AM				

LCS **LIMS ID: 15051512-LCS-04**

TKN - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Kjeldahl Nitrogen (% Recovery)	98.4 %			80 - 120	
Dilution Factor	1				
Analyzed By	Chad Carrington				
Analysis Date/Time	5/14/2015 10:26:30 AM				

