



ARKANSAS
Department of Environmental Quality

WATER DIVISION INSPECTION REPORT

AFIN: 35-00149	PERMIT #: AR0033316	DATE: 12/9/2014
COUNTY: 35 Jefferson	PDS #: 081741	MEDIA: WN
GPS LAT: 34.270764 LONG: -91.972538 LOCATION: Entrance		

FACILITY INFORMATION	INSPECTION INFORMATION
NAME: Boyd Point Wastewater Facility LOCATION: 900 Island Harbor Marina Road CITY: Pine Bluff, Arkansas	FACILITY TYPE: 1 - Municipal INSPECTOR ID#: 26075 S - State FACILITY EVALUATION RATING: 4 - Satisfactory INSPECTION TYPE: Pretreatment Compliance
	DATE(S): 12/9/2014 ENTRY TIME: 09:00 EXIT TIME: 16:00 PERMIT EFFECTIVE DATE: 9/1/2009 PERMIT EXPIRATION DATE: 8/31/2014
RESPONSIBLE OFFICIAL	
NAME / TITLE: Ken Johnson, / Manager COMPANY: Pine Bluff Wastewater Utility MAILING ADDRESS: 1520 South Ohio Street CITY, STATE, ZIP: Pine Bluff, AR 71601 PHONE & EXT: / FAX: 870-535-6603 / EMAIL:	FAYETTEVILLE SHALE RELATED: N FAYETTEVILLE SHALE VIOLATIONS: N
	INSPECTION PARTICIPANTS
CONTACTED DURING INSPECTION: No	NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Vincent Miles, Laboratory Supervisor Stacey Carpenter, Senior Lab Technician

AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
S	PERMIT	N	FLOW MEASUREMENT	N	STORMWATER
S	RECORDS/REPORTS	S	LABORATORY	S	FACILITY SITE REVIEW
S	OPERATION & MAINTENANCE	N	EFFLUENT/RECEIVING WATER	S	SELF-MONITORING PROGRAM
S	SAMPLING	N	SLUDGE HANDLING/DISPOSAL	S	PRETREATMENT
S	OTHER: PCI				

SUMMARY OF FINDINGS

At the time of inspection, the facility was in compliance with the applicable regulations.

GENERAL COMMENTS

INSPECTOR'S SIGNATURE: <i>Steven L. Henderson</i> Steven L. Henderson	DATE: 1/8/2015
SUPERVISOR'S SIGNATURE: <i>Kerri McCabe</i> Kerri McCabe	DATE: 1/8/2015

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
PRETREATMENT COMPLIANCE INSPECTION (PCI) REPORT

+++++

Name of Municipality: City of Pine Bluff Wastewater Utility – Boyd Point

AFIN Number: 35-00149

NPDES Permit Numbers: AR0033316

Program Tracked under NPDES Permit Number: AR0033316

Fact Sheet Preparation Date: N/A

Date of Last PCI: December 12, 2012

Date of Last Annual Report: March 27, 2014

Name of Inspector: Steven L. Henderson

Date PCI Performed: December 9, 2014

Name, Title, and Telephone Number of Facility Representative: Vincent Miles, Plant Superintendent
(870) - 535 - 0828

Name and Title of Other Participants: Stacey Carpenter, Senior Lab Technician

Number of IUs Visited: 2

Name(s) of IUs Visited: Central Maloney and KisWire

Note: AN IU SITE VISIT FORM SHOULD BE COMPLETED FOR EACH IU VISITED

+++++

NOTE: ANY QUESTION PRINTED IN ALL CAPS AND BOLD PRINT INDICATED A REGULATORY REQUIREMENT AND MUST BE ANSWERED FOR THE PCI REPORT TO BE COMPLETE. A NO ANSWER TO ONE OF THESE QUESTIONS SHOULD RESULT IN AN UNSATISFACTORY RATING.

+++++

Form approved July 1989

A. INDUSTRIAL USER SURVEY

1. List any Significant Industrial Users (SIUs) which have been added or deleted from the program since the last audit or inspection.

Deleted: Horizon Foods and Summit Poultry

2. Has ADEQ or EPA been notified of these changes? Yes

3. HAS THE INDUSTRIAL USER SURVEY BEEN KEPT UPDATED? YES

4. What procedures are being used to update the IU Survey? Water meter records, permit applications, field surveillance, Jefferson Co. Industrial Foundation, questionnaires, inspections by city inspectors. Also linked to United Water Company (city water) via Internet.

5. Total number of Significant Industrial Users, according to the definition used by the POTW. (This number must be greater than or equal to the answer to question 6) 12

6. Number of Categorical Industrial Users: 4

7. How does the POTW determine the appropriate categorical standards to apply to an IU? AMSA, Federal Regulations, SIC codes

8. List all categorical IUs discharging under the approved program. Include the name of the IU, the regulatory category (such as Metal Finishing), and the regulated process (phosphating, zinc plating, etc.) Additional listings can be made in the comments section if necessary.

Name of IU:	Category:	Regulated Process:
<u>Stant</u>	<u>Metal Finishing 433</u>	<u>Zn plating</u>
<u>Central Maloney</u>	<u>Metal Finishing 433</u>	<u>Phosphating; electrostatic coat</u>
<u>Wheeling Machine</u>	<u>Metal Finishing 433</u>	<u>Phosphate coating</u>
<u>KisWire</u>	<u>Metal Finishing 433</u>	<u>Electroplating</u>

B. LOCAL LIMITS

1. IS THE POTW APPLYING LOCAL LIMITS WHICH HAVE BEEN APPROVED BY ADEQ OR EPA?

YES - New local limits have yet to be approved.

2. Describe any apparent problems with the local limits. No problems were noted.

3. How often are pollutant scans of POTW influent, effluent, and sludge performed by the POTW? Does this fulfill the requirements of the approved program (as described in the fact sheet) and part III of the NPDES permit?

Pollutant:	Frequency:	Permit:	Requirement in Program:	Comments:
Metals:				
influent	<u>1/month</u>	<u>1/qtr</u>	<u>1/qtr</u>	<u> </u>
effluent	<u>1/month</u>	<u>1/qtr</u>	<u>1/qtr</u>	<u> </u>
sludge	<u>1/qtr</u>	<u>none</u>	<u>none</u>	<u> </u>
Organics:				
influent	<u>1/yr</u>	<u>1/yr</u>	<u>1/yr</u>	<u> </u>
effluent	<u>1/yr</u>	<u>1/yr</u>	<u>1/yr</u>	<u> </u>
sludge	<u>1/yr</u>	<u>none</u>	<u>none</u>	<u> </u>

4. Have there been any inhibitions or upsets at the POTW (since the last PCI of Audit) which were believed to be caused by industrial discharges? If so, describe the action taken by the City to ensure that the incident would not recur. Were these actions effective?

None

C. INDUSTRIAL USER CONTROL MECHANISM

1. Is the POTW using the type of control mechanism (permit, agreement, etc.) required by the approved program? YES

2. How many IU permits (or other control documents) have been issued? 11

3. **DO ALL SIGNIFICANT IUS HAVE CURRENT (UNEXPIRED) CONTROL DOCUMENTS? IF NOT, LIST ALL UNPERMITTED SIUS, THE DATE OF EXPIRATION OF THEIR PREVIOUS PERMIT (IF APPLICABLE), AND THE REASON FOR DELAY IN ISSUING THE REQUIRED DOCUMENT.** _____

YES

4. Does the control document contain the following items?

An expiration date yes

Discharge limitations yes

If the program requires self-monitoring by the IUs, do the permits contain

IU self-monitoring requirements n/a

IU reporting requirements n/a

5. Indicate which of the following recommended standard conditions are contained in the control documents:

sample location yes

type of sample yes

monitoring frequency yes

bypass prohibition yes

right of entry yes

nontransferability yes

revocation clause yes

penalty provisions yes

slug load notification yes

notification of process change yes

1. Indicate current inspection and sampling frequency and program requirement below:

	Current frequency:	Program Requirement:
Sampling:		
categorical IUs	<u>> 1/month</u>	<u>1/month</u>
other SIUs	<u>> 1/month</u>	<u>1/month</u>
Inspection:		
categorical IUs	<u>1/yr</u>	<u>1/yr</u>
other SIUs	<u>1/yr</u>	<u>1/yr</u>

2. HAS EACH SIU BEEN INSPECTED AND SAMPLED AT THE FREQUENCY REQUIRED BY THE APPROVED PROGRAM?

Yes

3. Are inspections announced or unannounced? Mostly unannounced (1 day notice if contacted).

4. Are records kept of each inspection? YES

5. Does the inspection report contain an adequate description of the following:

Date and time of inspection YES

Officials present YES

Inspection of chemical storage areas YES

Description of regulated processes, categorical wastestreams, and discharge location of these wastestreams YES

Inspection of the pretreatment facilities Yes

Review of self-monitoring records n/a

Observation of IU self-monitoring procedures n/a

Verification that approved analytical techniques are used n/a

Verification of IU flow measurement (where required) yes

6. Overall adequacy of inspection documentation: Satisfactory

7. DOES THE POTW SAMPLE IUS FOR ALL POLLUTANTS REGULATED IN THEIR PERMITS? (IT IS NOT NECESSARY TO SAMPLE FOR ALL POLLUTANTS EVERY TIME, BUT IT MUST BE DONE PERIODICALLY).

YES

8. Are analyses performed in accordance with EPA-approved methods (40 CFR 136)? _____

YES

9. Are sampling and flow monitoring equipment properly maintained? _____

YES

10. Is the POTW keeping proper field notes and chain of custody forms? _____

YES

11. Is the sampling location representative of the discharge to the collection system? _____

YES.

12. Are sampling locations identified in POTW records? YES. _____

13. Are sampling services available in an emergency? YES _____

14. What are the POTW's procedures for tracking receipt and review of IU reports, such as BMR's, semi-annual reports, progress reports, bypass reports, and self-monitoring reports? _____

Data Manager computer system is used to track all information.

15. ARE SELF-MONITORING REPORTS REVIEWED TO VERIFY THAT ANALYSES WERE PERFORMED FOR ALL REGULATED PARAMETERS, AND TO EVALUATE COMPLIANCE WITH EFFLUENT LIMITS? _____

Self-monitoring is not required.

16. IF VIOLATIONS ARE FOUND IN REPORTS, DOES THE POTW RESPOND TO ALL VIOLATIONS? _____

Yes

17. What are the POTW's procedures for following up violations? A notice of Non-Compliance is given to the facility. In 30 days, a response and corrective action plan should be submitted. If violations continue, a NOV is issued with a 10 day response time. An enforcement meeting then ensues.

18. HAS THE POTW REVIEWED BMRS FOR COMPLIANCE WITH 40 CFR 403.12(b)?
YES

Review a Baseline Monitoring Report from the POTW's file, and indicate which of the following items can be identified in the BMR:

Name and address yes

Other environmental permits held yes

Description of operations yes

Process flow diagrams yes

Flow measurements yes

Measurements of regulated pollutants yes

Certification of compliance by the IU yes

Compliance schedule (if needed) yes

19. Additional comments on the POTW's inspection and sampling procedures: N/A

1. HAS THE POTW IMPLEMENTED ENFORCEMENT RESPONSE PROCEDURES TO ADEQUATELY ADDRESS EVERY IU VIOLATION OF PRETREATMENT STANDARDS AND REQUIREMENTS? _____

YES – A new ERP has been submitted to ADEQ for review.

2. How does the POTW respond to the following violations?

Effluent limitations Notice of Non-Compliance (NONC) is issued.

Late reports Notification by telephone, a letter/NONC sent; enforcement meeting.

Unpermitted discharges Notice of Non-Compliance (NONC) is issued. Notice of Violation (NOV) is then issued; followed by an enforcement meeting.

Slug loads or spills NOV issued, followed by an enforcement meeting, Enforcement/ Fines.

3. IS THE LIST OF SIGNIFICANT VIOLATORS PUBLISHED BY THE POTW DEVELOPED IN ACCORDANCE WITH EPA REGION VI CRITERIA FOR SIGNIFICANT VIOLATING INDUSTRIAL USER (DATED AUGUST 22, 1985)?

YES

4. List the SIUs which have met the criteria for Significant Violator within the last 12 months, and describe the enforcement action which has been taken by the POTW. If construction is required, please indicate whether the IU has been placed on an enforceable compliance schedule.

Name:	Type of Violation:	Enforcement Action:	Compliance Deadline:
-------	--------------------	---------------------	----------------------

NONE

5. Comments on the POTW's enforcement procedures: Enforcement procedures appear to be

adequate at this time.

F. POTW'S PRETREATMENT ORGANIZATION STRUCTURE

1. Is the program structure essentially the same as that presented in the approved pretreatment program? YES
2. Are staffing levels adequate? Yes
3. Are the responsible officials familiar with the approved program? YES

G. MULTIJURISDICTIONAL ISSUES

1. List any IUs which are located outside of the jurisdictional area of the POTW: NONE
2. Does the POTW have adequate procedures for controlling IUs located outside its jurisdictional area? YES
3. Does the POTW have copies of permits for IUs in user cities? NO
4. Have any of these IUs met the criteria for Significant Violator? If so, have they been published by the POTW in its annual list of Significant Violators? n/a
5. Comments on multi-jurisdictional issues: No comments.

H. EVALUATION AND COMMENTS

The Pretreatment staff is knowledgeable of the requirements of their Pretreatment Program and that is reflected in the good job that they do implementing the Program. At the time of this inspection, no inadequacies were noted. In the previous twelve months, the facility reported no Significant Violators. Files reviewed during the inspection were Central Maloney and KisWire.

IU Site Visits

Central Maloney
KisWire

IU SITE VISIT FORM

Name of Industry: Central Maloney

POTW Name: Pine Bluff Boyd Point POTW

Industry Contacts: Lee Walker, Safety and Environmental Manager

Date and Time of Visit: December 9, 2014 @ 13:00

Description of Manufacturing Process: The facility manufactures a variety of electronic transformers for commercial distribution. The product line consists of three general types of units: Pole-mounted Transformers, Pad-mounted Transformers, and Large Assembly Transformers.

Sources of Process Wastewater: Metal Finishing

Categorical Industry? Yes

Basis for Limits: N/A

Point of Application: N/A

Description of Pretreatment Equipment and Procedures: pH neutralization

Spill Prevention and Solvent Management Procedures: adequate

Sampling Location and Equipment: adequate

Name of Industry: KisWire

POTW Name: Pine Bluff - Boyd Point

Industry Contacts: Mike Barrett, EHS Manager

Date and Time of Visit: December 9, 2014 @ 13:45

Description of Manufacturing Process: The facility manufactures steel cords for steel belted radial tires and hose wire for high pressure hoses.

Sources of Process Wastewater: Electroplating

Categorical Industry? Yes

Basis for Limits: N/A

Point of Application: N/A

Description of Pretreatment Equipment and Procedures: The facility has a continuous flow system consisting of collection points for acidic and cyanide bearing waste. They have treatment tanks for cyanide destruction. They have neutralization and metal precipitation tanks. They have flocculation equipment. The system also has sludge separation and handling equipment including two clarifiers, sludge thickener, and a filter press.

Spill Prevention and Solvent Management Procedures: Adequate

Sampling Location and Equipment: Adequate

CODE

INSPECTOR'S NAME Steven L. Henderson

NAME OF FACILITY City of Pine Bluff Wastewater Utility – Boyd Point

PERMIT NUMBER USED
TO TRACK PROGRAM AR0033316 NPID

DATE OF PCI December 9, 2014 DTIA

PPETS WENDB DATA ELEMENTS

NUMBER OF SIGNIFICANT IUS (SIUS) 12 SIUS

NUMBER OF CATEGORICAL IUS 4 CIUS

SIUS NOT SAMPLED OR INSPECTED BY POTW 0 NOIN

SIUS WITHOUT CONTROL MECHANISM 0 NOCM

SIUS IN SIGNIFICANT NONCOMPLIANCE
WITH STANDARDS OR REPORTING 0 PSNC

SIUS IN SIGNIFICANT NONCOMPLIANCE
WITH SELF-MONITORING REQUIREMENTS 0 MSNC

SIUS IN SIGNIFICANT NONCOMPLIANCE
WITH SELF-MONITORING AND NOT
INSPECTED OR SAMPLED BY POTW 0 SNIN