

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

Name of Municipality: City of Van Buren POTW

AFIN Number: 17-00062

NPDES Permit Number(s): AR0040967, AR0021482, and AR0037567

Program Tracked under NPDES Permit Number: AR0021482

Fact Sheet Preparation Date: November 2003

Date of Last PCI/Audit: PCI-April 16, 2008 Audit-June 15-18, 2009

Date of Last Annual Report: October 27, 2010

Name of Inspector: Jeff Tyler

Date PCI Performed: May 24-25, 2011

Name, Title, and Telephone Number of Facility Representative:
Kim Redo / Environmental Coordinator / 479-474-0941

Name and Title of Other Participants: Jeff Testerman/ Operator

Number of IUs Visited: 2

Name(s) of IUs Visited: B & W Plating and Simmons Poultry Farms

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. Added-B & W Plating (November 2009)

2. Has ADEQ or EPA been notified of these changes? Yes-2010 AR

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

4. What procedures are being used to update the IU Survey?
Industrial user survey form is sent every three years to industries and businesses, phone call to facilities, and monitoring water records at the City.

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) 9

6. Number of Categorical Industrial Users: 4

7. How does the POTW determine the appropriate categorical standards to apply to an IU? Federal register regulations 40CFR, Part 433 and SIC Code book.

8. List all categorical IUs discharging under the approved (such program. Include the name of the IU, the regulatory category 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: |
|--------------------|-----------------|--|
| River City Coating | Metal Finishing | Phosphating and Electrostatic painting |
| Arkansas Lamp Mfg. | Metal Finishing | Phosphating and Electrostatic painting |
| Fab Tech | Metal Finishing | Phosphating & painting |
| B & W Plating | Metal Finishing | Phosphating & Electroplating |
| | | |
| | | |

B. LOCAL LIMITS

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

2. Describe any apparent problems with the local limits.
None

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: | Requirement in | | Comments: |
|------------|-----------------------|----------------|--------------|------------------|
| | | Permit: | Program: | |
| Metals: | | | | |
| Influent: | <u>4/yr</u> | <u>4/yr</u> | <u>4/yr</u> | <u>Table III</u> |
| Effluent: | <u>4/yr</u> | <u>4/yr</u> | <u>4/yr.</u> | <u>Table III</u> |
| Sludge: | <u>1/when removed</u> | <u>1/qtr</u> | <u>1/qtr</u> | <u>Table III</u> |
| Organics: | | | | |
| Influent: | <u>1/yr</u> | <u>1/yr</u> | <u>1/yr</u> | <u>Table II</u> |
| Effluent: | <u>1/yr</u> | <u>1/yr</u> | <u>1/yr.</u> | <u>Table II</u> |
| Sludge: | <u>1/when removed</u> | <u>1/yr</u> | <u>1/yr</u> | <u>Table II</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? 9

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: Yes

IU reporting requirements: Yes

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

D. MONITORING OF IUS BY POTW

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

| | Current frequency: | Program Requirement: |
|-----------------|--------------------|----------------------|
| Sampling: | | |
| categorical IUs | <u>2/yr</u> | <u>2/yr</u> |
| other SIUs | <u>2/yr</u> | <u>2/yr</u> |
| Inspection: | | |
| categorical IUs | <u>1/yr</u> | <u>2/yr</u> |
| other SIUs | <u>1/yr</u> | <u>2/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? Announced

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 waste streams, and discharge location of these waste streams: Yes

Inspection of the pretreatment facilities: Yes

Review of self-monitoring records: Yes

Observation of IU self-monitoring procedures: Yes

Verification that approved analytical techniques are used: Yes

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? Tracked and reviewed by the Environmental Coordinator with the aid of an inspection form.

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

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?
The permittee has an approved enforcement response plan
with provisions for both formal and informal action
depending on the type of violation.

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: In regards to sampling, two facilities (AR.
Lamp & B & W Plating) appear to have batch discharges.
Efforts should be made to sample these facilities during
times of discharge.

5. Comments on the POTW's enforcement procedures:
According to 2010 annual report, 14 NOV's issued and total penalties assessed was \$8,339.
-
-
-
-

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? N/A
-
3. Does the POTW have copies of permits for IUs in other cities? N/A
-
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 multijurisdictional issues: N/A
-
-
-

PRETREATMENT COMPLIANCE INSPECTION

IU SITE VISIT FORM

Name of Industry: B & W Plating

POTW Name: City of Van Buren (AR0021482)

Industry Contacts: Elbert Basham-Management / Casey Crase-Lab

Date and Time of Visit: May 25, 2011 / 1300-1350

Description of Manufacturing Process:
Nickel, Tin, and Lead Electroplating, minimal amounts of steel and Copper.

Sources of Process Wastewater:
Rinse water from tanks and basins

Categorical Industry? Yes

Basis for Limits: 40 CFR Part 433

Point of Application: N/A

Description of Pretreatment Equipment and Procedures:
EQ tank, pH adjusted to 9-9.5, then to reaction tank (add metal precip & coagulant), then to flock mixing tank to clarifier to final pH tank or sludge holding tank, then to filter press. Waste water can also be sent to the facilities evaporator.

Spill Prevention and Solvent Management Procedures:
Emergency plan in regard to spills/leaks located at the facility. Spills from process area drains to contained sump pit. Then pumped to the EQ tank for processing. Pre-treatment equipment contained within concrete berm.

Sampling Location and Equipment:
Sampling box on north side of building.

PRETREATMENT COMPLIANCE INSPECTION

IU SITE VISIT FORM

Name of Industry: Simmons Poultry Farms

POTW Name: City of Van Buren (AR0021482)

Industry Contacts: Brian Clifton, Waste Water Lead Operator

Date and Time of Visit: May 25, 2011 / 1400-1500

Description of Manufacturing Process:
Poultry processing

Sources of Process Wastewater:
Process/production line

Categorical Industry? No

Basis for Limits: Modified TBLs

Point of Application: N/A

Description of Pretreatment Equipment and Procedures:
Facilities primary rotary screen, addition of polymer then to first DAF unit, then to aerated EQ basin then to second EQ basin, polymer added and anti-foam chemical added, then to sewer

Spill Prevention and Solvent Management Procedures:
SPCC is located on site.

Sampling Location and Equipment:
ISCO automatic sampler is located in building, tube extends through building to the parshall flume

PPETS CODE SHEET

PRETREATMENT COMPLIANCE INSPECTION (PCI)

| | | CODE |
|---|--------------------------|------|
| INSPECTOR'S NAME: | <u>Jeff Tyler</u> | |
| NAME OF FACILITY: | <u>City of Van Buren</u> | |
| PERMIT NUMBER USED TO TRACK PROGRAM: | <u>AR0021482</u> | NPID |
| DATE OF PCI: | <u>May 24-25, 2011</u> | DTIA |

PPETS WENDB DATA ELEMENTS

| | | |
|--|----------|------|
| NUMBER OF SIGNIFICANT IUS (SIUS): | <u>9</u> | SIUS |
| NUMBER OF CATEGORICAL IUS: | <u>4</u> | CIUS |
| SIUS NOT SAMPLED OR INSPECTED BY POTW: | <u>0</u> | NOIN |
| SIUS WITHOUT CONTROL MECHANISM: | <u>0</u> | NOCM |
| SIUS IN SIGNIFICANT NONCOMPLIANCE WITH STANDARDS OR REPORTING: | <u>0</u> | PSNC |
| SIUS IN SIGNIFICANT NONCOMPLIANCE WITH SELF-MONITORING REQUIREMENTS: | <u>0</u> | MSNC |
| SIUS IN SIGNIFICANT NONCOMPLIANCE WITH SELF-MONITORING AND NOT INSPECTED OR SAMPLED BY POTW: | <u>0</u> | SNIN |