

**From:** [Gilliam, Allen](#)  
**To:** [kim@vbm.arcoxmail.com](mailto:kim@vbm.arcoxmail.com)  
**Cc:** [Burrow, Kealey](#); [Ramsey, David](#); [Kaelin, Cynthia](#); [Farmer, Sandra](#)  
**Subject:** AR0021482\_Van Buren AR0040967 AR0037567 Oct 2015 annual Pretreatment report\_20151030  
**Date:** Friday, October 30, 2015 12:10:12 PM  
**Attachments:** [Van Buren 2015 Annual Pretreatment Report.pdf](#)

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Kim,

Van Buren's annual Pretreatment Report (attached) was received by this office on 10/27/15, reviewed, deemed complete and compliant with the reporting requirements in 40 CFR 403.12(i). No further actions are deemed necessary at this time.

Thank you for your timely report.

Sincerely,

Allen Gilliam  
ADEQ State Pretreatment Coordinator  
501.682.0625

E/NPDES/NPDES/Pretreatment/Reports

AG

C2NRB

Commission:  
C.E. Dougan  
John Barnwell  
J.W. Floyd  
Jim Williamson  
Todd Young

# VBM MUNICIPAL UTILITIES

“Providing Water, Sewer, and Sanitation Services”  
2806 Bryan Road / P.O. Drawer 1269  
Van Buren, Arkansas 72957  
479-474-5067 / Fax 479-471-8969  
City of Van Buren Municipal Utilities

Attorney  
Jacob Howell  
Engineer  
Larry Weir  
Secretary  
Kathy Geppert

October 23, 2015

Allen Gilliam, Pretreatment Coordinator  
Arkansas Department of Environmental Quality, NPDES Branch  
5301 North Shore Drive  
North Little Rock, Arkansas 72218

RECEIVED  
OCT 23 2015  
15265 KB

Re: NPDES Permit No. AR0021482, AR0040967, AR0037567  
Annual Pretreatment Report 2014-2015

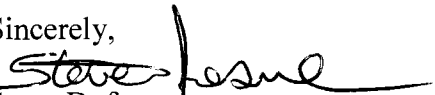
Dear Mr. Gilliam:

Please find our annual Pretreatment Program Report. The report contains the following:

- I. Cover Page
- II. Annual Averages for the City of Van Buren Main (South), Lee Creek (North), and Lee Creek Industrial Park (Bekaert) WWTP's
- III. Influent-Effluent Chart for Main (South) WWTP – Table III
- IV. Influent-Effluent Chart for Lee Creek (North) WWTP
- V. Attachment A – PPS Report Updated SIU List
- VI. Attachment B – Significant Violations – Enforcement Action
- VII. Attachment C – PPS (1<sup>st</sup> Page)
- VIII. Attachment C – PPS (2<sup>nd</sup> Page)

If you have any questions feel free to contact myself or Kim Redo, VBMU Pretreatment/Environmental Coordinator at 479-474-5067.

Sincerely,

  
Steve Dufresne  
Director of Utilities

Cc: File  
Kim Redo, Pretreatment/Environmental Coordinator

Serving Van Buren and Crawford County since 1893



**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT**  
**REPORTING YEAR: Oct. 1, 2014 TO Sept. 30, 2015**  
**TREATMENT PLANT: City of Van Buren NPDES PERMIT #AR0021482**  
**AVERAGE POTW FLOW: 2.721 MGD % IU FLOW: 32 %**

METALS, CYANIDE and PHENOLS (Total)	MAHC (µg/l) (2)	INFLUENT DATES SAMPLED (µg/l) Once/quarter				WQ level/limit (µg/l) (2)	EFFLUENT DATES SAMPLED (µg/l) Once/quarter				LABORATORY ANALYSIS		
		10/20/2014	1/12/2015	4/7/2015	8/25/2015		10/20/2014	1/12/2015	4/7/2015	8/25/2015	EPA MQL (µg/l) (1)	EPA Method Used (1)	Detection Level Achieved (µg/l)
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60
Cadmium	54.1	0.55	0	0	0.55	126.52	0	0	0	0	0.5	200.8	0.5
Copper	1000.0	7.6	6	10	7.9	431.63	3.1	11	3.8	2.8	0.5	200.8	0.5
Lead	587.2	0	0	0.95	0.62	587.66	0	0.69	0.94	0	0.5	200.8	0.5
Mercury	0.98ug/L	0.046	0.015	0.0066	0.038	0.39 ug/L	0.0020	0	0	0	.005	EPA 245.7	1.8 ng/L
Nickel	426.42	5.3	4.6	5.9	5.5	15071.86	4.0	5.5	4.2	4	0.5	200.8	0.5
Selenium	85.28	0	0	0	0	137.76	0	0	0	0	5	200.8	5
Silver	250.00	1.8	0	0	0.74	112.58	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	85	56	93	68	3461.17	36	79	42	0	20	200.8	20
Chromium, total	1000.0	0	0	0	0	22680.2	0	0	0	0	10	200.8	10
Cyanide	100.00	0	0	0	0	154.01	0	0	0	0	10	SM4500-CN C,E	0.01 mg/L
Arsenic	71.07	0	0.62	1.8	1.9	4807.76	1.1	0.78	0.69	1.3	0.5	200.8	0.5
Molybdenum	63.96	0	0	0	0	N/A	0	0	0	0	--	200.8	0.5
Phenols	N/A	0.073	0.035	0.22	0.073	N/A	0.0097	0.022	0.03	0.022	5	EPA 420.1	0.005 mg/L
Beryllium	100.00	0	0	0	0	173.41	0	0	0	0	0.5	200.8	0.5
Thallium	N/A	0	0	0	0	N/A	0	0	0	0	0.5	200.8	0.5
Flow, MGD	N/A	2.161	2.501	2.280	2.453	N/A	2.124	2.826	1.662	2.565			

\*No MAHC's calculated for these parameters

(1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant. **Analytical MQLs must be met for the effluent (and SHOULD be met for the influent) so the data can also be used for Local Limits assessment and NPDES application purposes.**

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT**

**REPORTING YEAR: Oct. 1, 2014 TO Sept. 30, 2015**

**TREATMENT PLANT: City of Van Buren NPDES PERMIT #AR0040967**

**AVERAGE POTW FLOW: 1,330 MGD % IU FLOW: 0.83%**

METALS, CYANIDE and PHENOLS (Total)	MAHC (µg/l) (2)	INFLUENT DATES SAMPLED (µg/l) Once/year				WQ level/ limit (µg/l) (2)	EFFLUENT DATES SAMPLED (µg/l) Once/year				LABORATORY ANALYSIS		
		10/7/14	1/18/15	6/10/15	8/4/15		10/7/14	1/18/15	6/10/15	8/4/15	EPA MQL (µg/l) (1)	EPA Method Used (1)	Detection Level Achieved (µg/l)
		Antimony	N/A	0	0		0	0	N/A	0	0	0	0
Cadmium	5.58	0	0.5	0.65	0	1.84	0	0	0	0	0.5	200.8	0.5
Copper	31.85	15	12	19	20	9.24	6.4	6.7	4.8	5.6	0.5	200.8	0.5
Lead	10.84	0.89	1.7	1.4	0.82	2.71	0.59	1.5	2.3	0	0.5	200.8	0.5
Mercury	0.03	0.012	0.0066	0.036	0.018	0.0134	0	0	0	0	.005	EPA 245.7	0.0018
Nickel	167.18	3.7	4.2	6.2	4.5	96.96	5.5	3.5	6.2	6.6	0.5	200.8	0.5
Selenium	11.16	0	0	0	0	5.58	0	0	0	0	5	200.8	5
Silver	3.73	0	0	0	0	0.93	0	0	0	0	0.5	200.8	0.5
Zinc	167.71	310	67	110	110	85.53	74	100	52	33	20	200.8	20
Chromium, total	748.99	0	0	0	0	295.4(tri)	0	0	0	0	10	200.8	10
Chromium, Hexavalent		---	0	0	0	11.81(hex)	0	0	0	0	10	SM 3500- Cr B	10
Cyanide	187.2	0	0	0	0	5.80	0	0	0	0	10	SM4500- CN C,E	0.00001
Arsenic	341.2	0	0.62	0	1.7	348.96	0.64	0	0.52	0.95	0.5	200.8	0.5
Phenols	*	0.050	64	17	15		11	53	7.4	20	5	EPA 420.1	0.000005
Beryllium	11.83	0	0	0	0	5.91	0	0	0	0	0.5	200.8	0.5
Thallium	*	0	0	0	0	N/A	0	0	0	0	0.5	200.8	0.5
Flow, MGD	N/A	0.681	0.964	0.783	0.631	N/A	0.681	0.964	0.783	0.631			
Bis (2-ethylhexyl) phtlalate								14				EPA/600/4	10

\*No MAHC's calculated for these parameters

(1) It is advised that the influent and effluent samples are collected considering flow detention time through each plant. **Analytical MQLs must be met for the effluent (and SHOULD be met for the influent) so the data can also be used for Local Limits assessment and NPDES application purposes.**

(2) This value was calculated during the development of TBLL based on State WQ criteria, EPA guidance and either ADEQ Pretreatment staff Excel spreadsheets or the Permittee's consultant with concurrence from Pretreatment staff.

(3) Record the name of any pollutant [40 CFR 122, Appendix D, Table II and/or Table V] detected and the concentration at which they were detected.

MAHL - Maximum Allowable Headworks Level / MAHC – Maximum Allowable Headworks Concentration

WQ - "Water Quality Levels not to exceed" OR actual permit limit.

PRETREATMENT PROGRAM STATUS REPORT  
 UPDATED SIGNIFICANT USERS LIST  
 ATTACHMENT A

INDUSTRIAL USER	SIC CODE	Categorical Determination	Control Document		COMPLIANCE STATUS REPORTS							
			Y/N	Last Action	New User	Times Inspected	Times Sampled	BMR	90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING	EFFLUENT LIMITS
Arkansas Lamp Mfg.*	1721	Categorical	Y	10/01/2014	no	1	1*	yes	n/a	C	C	C
B & W Plating	1721	Categorical	Y	11/17/2012	no	1	0*	yes	n/a	C	C	C
FabTech	3400	Categorical	Y	3/1/2013	no	1	2	yes	n/a	C	C	C
Oxane Materials**	212325	Noncategorical	Y	1/1/2013	no	0	2	yes	n/a	n/a	C	NC
River City Coatings	1721	Categorical	Y	9/19/2013	no	1	2	yes	n/a	C	C	C
Simmons Foods	2015	Noncategorical	Y	4/16/2014	no	1	8	yes	n/a	n/a	C	NC
Simmons Prepared Foods	2017	Noncategorical	Y	12/01/2014	no	1	8	yes	n/a	n/a	C	NC
Tate & Lyle	2046	Noncategorical	Y	6/1/2013	no	1	13	yes	n/a	n/a	C	NC
Tyson Foods	2017	Noncategorical	Y	12/1/2012	no	1	4	yes	n/a	n/a	C	C
Arkansas Valley Truck Wash of America	7542	Noncategorical	Y	1/1/2014	no	1	6	yes	n/a	n/a	C	NC

\*Arkansas Lamp - only 1 sampling event due to no other discharges for the year

\*B & W Plating - no discharge all year

\*\*Oxane Materials closed their doors in January 2015

SIGNIFICANT VIOLATORS -- ENFORCEMENT ACTIONS TAKEN  
ATTACHMENT B

INDUSTRIAL USER	VIOLATIONS		NUMBER OF ACTIONS TAKEN					COMPLIANCE SCHEDULE				
	REPORTS	LIMITS	N.O.V.	A.O.	CIVIL	CRIMINAL	OTHER	PENALTIES	DATE	DATE	CURRENT	COMMENTS
								COLLECTED	ISSUED	DUE	STATUS	

No SNC violators  
2014-2015



PRETREATMENT PERFORMANCE SUMMARY (PPS)  
ATTACHMENT C

NOTE: ALL QUESTIONS REFER TO THE INDUSTRIAL PRETREATMENT PROGRAM AS APPROVED BY THE EPA. THE PERMITTEE SHOULD NOT ANSWER THE QUESTIONS BASED ON CHANGES MADE TO THE APPROVED PROGRAM WITHOUT DEPARTMENT AUTHORIZATION.

General Information

Control Authority Name Van Buren Municipal Utilities

Address 2806 Bryan Road, P.O. Drawer 1269

City Van Buren State/Zip Arkansas 72956

Contact Person Steve Dufresne Director  
(Position)

Contact Telephone (479) 474-5067  
(Area Code)

NPDES Permit Nos. AR0021482 & AR0040967

Reporting Period October 1, 2014 September 30, 2015  
(Beginning Month and Year) (Ending Month and Year)

Total Number of Categorical IUs 4

Total Number of Significant Noncategorical IUs 6\*

II. Significant Industrial User Compliance

SIGNIFICANT INDUSTRIAL USERS

	<u>Categorical</u>	<u>Noncategorical</u>
1) No. of SIUs submitting BMRs/Total No. Required.....	0/0	N/A*
2) No. of SIUs submitting 90-day Compliance Reports/No. Required.....	0/0	N/A*
3) No. of SIUs submitting Semi-annual Reports/ Total No. Required.....	0/0	0/0
4) No. of SIUs meeting Compliance Schedule/ Total No. Required to Meet Schedule.....	0/0	0/0
5) No. of SIUs in Significant Noncompliance/ Total No. of SIUs.....	0/4	0/6
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical).....		0/10

Compliance Monitoring Program

1) No. of Control Documents Issued/Total No. Required.....	4/4	6/6
2) No. of Nonsampling Inspections Conducted.....	4/4	6/6
3) No. of Sampling Visits Conducted.....	5/4	41/6

4)	No. of Facilities Inspected (nonsampling).....	<u>4/4</u>	<u>6/6</u>
5)	No. of Facilities Sampled.....	<u>4</u>	<u>6</u>

Enforcement Actions

SIGNIFICANT INDUSTRIAL USERS

	<u>Categorical</u>	<u>Noncategorical</u>
1) No. of Compliance Schedules Issued/No. of Schedules Required.....	<u>0/0</u>	<u>0/0</u>
2) No. of Notices of Violations Issued to SIUs.....	<u>1/4</u>	<u>19/6</u>
3) No. of Administrative Orders Issued to SIUs.....	<u>0</u>	<u>0</u>
4) No. of Civil Suits Filed.....	<u>0</u>	<u>0</u>
5) No. of Criminal Suits Filed.....	<u>0</u>	<u>0</u>
6) No. of Significant Violators (newspaper publication attached).....	<u>0</u>	<u>0</u>
7) Amount of Penalties Collected (total dollars/ IUs Assessed) (Not Surcharges).....	<u>\$0</u>	<u>\$12,044/5</u>
8) Other Actions (sewer bans, etc.).....	<u>0</u>	<u>0</u>

The following certification must be signed in order for this form to be considered complete:

I certify that the information contained herein is complete and accurate to the best of my knowledge.

Authorized Representative Steve Fresno Date 10/23/2015

**\*Oxane Materials closed its doors in January 2015**