

Commission:
Jim Williamson
Todd Young
J.W. Floyd
Keith Hefner
Chad Adams

VB 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 22, 2018

Arkansas Department of Environmental Quality
NPDES Permit Branch, Pretreatment Coordinator
5301 Northshore Drive
North Little Rock, Arkansas 72218

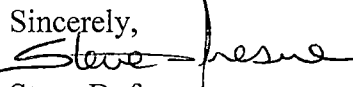
RE: CERIFIED MAIL #7011 2970 0002 2763 9860
NPDES Permit AR0021482, AR0040967, AR0037567
Annual Pretreatment Report 2017-2018

Dear Sirs:

Please find the Annual Pretreatment Program Report for the City of Van Buren Municipal Utilities:

- I. Cover Page
- II. Annual Averages for the Main (South) WWTP AR0021482, North WWTP AR0040967, and Lee Creek Industrial Park (Bekaert) WWTP AR0037567
- III. Main (South) WWTP AR0021482 Influent-Effluent Monitoring Results – Table III
- IV. North WWTP AR0040967 Influent-Effluent Monitoring Results
- V. Attachment A – Pretreatment Report Status Report (PPS) Updated SIU List
- VI. Attachment B – Significant Violations – Enforcement Actions
- VII. Attachment C – Pretreatment Performance Summary (PPS)

If you have any questions or need further information please contact myself or Kim Redo, Pretreatment/Environmental Coordinator.

Sincerely,

Steve Dufresne
Director of Utilities

Cc: Kim Redo, VBMU Pretreatment/Environmental Coordinator
Pretreatment Program/Annual Report File
North WWTP/Main WWTP

Serving Van Buren since 1893

Annual Average(s) of Analyses for VBMU Main, North, and Lee Creek Industrial Park WWTP's

VBMU Main (South) WWTP AR0021482

October 2017– September 2018

	<u>Influent</u>	<u>Effluent</u>
Flow	2.571 MGD	2.575 MGD
BOD ₅ (Nov.-Apr.)	163 mg/L	6 mg/L
CBOD ₅	113 mg/L	6 mg/L
TSS	99 mg/L	7 mg/L
Fecal Coliform		15 colonies/100 mls
Ammonia Nitrogen		0.37 mg/L
Dissolved Oxygen		Low: 4.26 mg/L

VBMU North WWTP AR0040967

October 2017– September 2018

	<u>Influent</u>	<u>Effluent</u>
Flow	1.106 MGD	1.106 MGD
CBOD ₅ (November-Apr.)	107 mg/L	3.23 mg/L
CBOD ₅ (May – October)	341 mg/L	3.87 mg/L
TSS (November-April)	71 mg/L	3.17 mg/L
TSS (May – October)	148 mg/L	3.8 mg/L
Fecal Coliform (April-Sept.)		5 colonies/100 mls
Fecal Coliform (October-March)		24 colonies/100 mls
Ammonia Nitrogen (November –April)		0.18 mg/L
Ammonia Nitrogen (May – October)		0.41 mg/L
Dissolved Oxygen		Low: 4.99 mg/L

VBMU Lee Creek Industrial Park WWTP AR0037567 October 2017– September 2018

	<u>Influent</u>	<u>Effluent</u>
Flow	0.0048 MGD	0.0048 MGD
BOD ₅	417 mg/L	5 mg/L
TSS	267 mg/L	11 mg/L
Fecal Coliform		8 colonies/100 mls

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: Oct. 1, 2017 TO Sept. 30, 2018
TREATMENT PLANT: City of Van Buren NPDES PERMIT #AR0021482
AVERAGE POTW FLOW: 2,571 MGD % IU FLOW: 39.4 %

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		
		11/27/2017	2/13/2018	4/23/2018	7/23/2018		11/27/2017	2/13/2018	4/23/2018	7/23/2018	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	0.99	0	0	126.52	0	0	0	0	0.5	200.8	0.5
Copper	1000.0	11	31	14	6.8	431.63	4.2	5.2	4.3	7.2	0.5	200.8	0.5
Lead	587.2	0.67	4.5	0.85	1.3	587.66	0	0	0	0	0.5	200.8	0.5
Mercury	0.98ug/L	0.0075	0	0.062	0.050	0.39 ug/L	0	0	0	0	.005	EPA 245.7	1.8 ng/L
Nickel	426.42	4.8	4.3	3.9	4.4	15071.86	3.7	2	2.7	3.4	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	2.1	0.57	0	0	112.58	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	89	210	79	110	3461.17	0	32	20	34	20	200.8	20
Chromium, total	1000.0	0	10	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	2.5	2.5	1.6	2.1	4807.76	1.9	0.76	0.89	2.2	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	0.034	0.028	0.14	0.047	N/A	0.018	0	0.021	0	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	1.841	2.323	2.829	1.698	N/A	1.822	2.527	3.233	1.727			

*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, 2017 TO Sept. 30, 2018
TREATMENT PLANT: City of Van Buren NPDES PERMIT #AR0040967
AVERAGE POTW FLOW: 1.106 MGD % IU FLOW: 1.27%

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		
		12/6/2017	1/2/2018	6/7/2018	7/1/2018		12/6/2017	1/2/2018	6/7/2018	7/1/2018	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	5.58	0	0	0	0	1.84	0	0	0	0	0.5	200.8	0.5
Copper	31.85	26	26	8	5.1	9.24	4.7	6.8	5.9	5.3	0.5	200.8	0.5
Lead	10.84	0.64	1.3	0.5	0	2.71	0	0	0	0	0.5	200.8	0.5
Mercury (in ng/L)	0.03	0.057	0.015	0.033	0	0.0134	0.057	0	0	0	.005	EPA 245.7	0.0018
Nickel	167.18	1700	4.7	3.7	4.1	96.96	4	4.0	3.9	2.7	0.5	200.8	0.5
Selenium	11.16	33	0	0	0	5.58	0	0	0	0	5	200.8	5
Silver	3.73	0.56	0	0	0	0.93	0	0	0	0	0.5	200.8	0.5
Zinc	167.71	280	150	58	34	85.53	83	44	22	23	20	200.8	20
Chromium, total	748.99	2600	0	0	0	295.4(tri)	0	0	0	0	10	200.8	10
Chromium, Hexavalent		0	0	0.0071	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	1.8	6.5	5.3	3.4	348.96	0.99	1.4	5.5	1.4	0.5	200.8	0.5
Phenols (mg/L)	*	0.052	0.083	0.026	0.011		0.0061	0.0089	0.020	0.0055	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	0.778	0.754	0.654	0.733	N/A	0.778	0.759	0.654	0.733			

*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.

PRETREATMENT PROGRAM STATUS REPORT
 UPDATED SIGNIFICANT USERS LIST
 ATTACHMENT A

INDUSTRIAL USER	SIC CODE	Categorical Determination	Control Document		New User	Times Inspected	Times Sampled	BMR	COMPLIANCE STATUS REPORTS			
			Y/N	Last Action					90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING	EFFLUENT LIMITS
Arkansas Lamp Mfg.	1721	Categorical	Y	10/8/2017	no	1	1	yes	n/a	C	n/a	C
B & W Plating	1721	Categorical	Y	11/17/2015	no	1	0*	yes	n/a	C	C	C*
FabTech	3400	Categorical	Y	2/28/2016	no	1	2	yes	n/a	C	C	C
River City Coatings	1721	Categorical	Y	9/18/2016	no	1	2	yes	n/a	C	C	C
Simmons Foods	2015	Noncategorical	Y	4/15/2017	no	1	11	yes	n/a	n/a	C	NC
Simmons Poultry Farms	2017	Noncategorical	Y	11/30/2017	no	1	10	yes	n/a	n/a	C	NC
Tate & Lyle	2046	Noncategorical	Y	5/31/2016	no	1	6	yes	n/a	n/a	C	NC
Tyson Foods	2017	Noncategorical	Y	11/30/2018	no	1	4	yes	n/a	n/a	C	NC
Arkansas Valley Truck Wash of America	7542	Noncategorical	Y	1/1/2016	no	1	6	yes	n/a	n/a	C	NC

*B & W Plating - Zero Discharge for entire year - Sampling not possible

SIGNIFICANT VIOLATORS -- ENFORCEMENT ACTIONS TAKEN
ATTACHMENT B

NUMBER OF ACTIONS TAKEN

COMPLIANCE SCHEDULE

INDUSTRIAL USER	Nature of Violation		NUMBER OF ACTIONS TAKEN					PENALTIES	DATE	DATE	CURRENT	COMMENTS
	REPORTS	LIMITS	N.O.V.	A.O.	CIVIL	CRIMINAL	OTHER	COLLECTED	ISSUED	DUE	STATUS	
Simmons Foods		28X	12	0	0	0	0	yes	n/a	n/a	NC	25 BOD & 3 TSS excursions
Simmons Prepared Foods		19X	6	0	0	0	0	yes	n/a	n/a	NC	19 BOD excursions
Tate & Lyle		2X	2	0	0	0	0	yes	n/a	n/a	C	2 BOD excursions
Tyson Foods		3X	1	0	0	0	0	yes	n/a	n/a	C	3 TSS excursions
Arkansas Valley Truck Wash		2X	3	0	0	0	0	no	n/a	n/a	C	2X BOD excursions

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, 2017 September 30, 2018
(Beginning Month and Year) (Ending Month and Year)

Total Number of Categorical IUs 4

Total Number of Significant Noncategorical IUs 5

II. Significant Industrial User Compliance

SIGNIFICANT INDUSTRIAL USERS

	<u>Categorical</u>	<u>Noncategorical</u>
1) No. of SIUs submitting BMRs/Total No. Required.....	<u>0/0</u>	<u>N/A*</u>
2) No. of SIUs submitting 90-day Compliance Reports/No. Required.....	<u>0/0</u>	<u>N/A*</u>
3) No. of SIUs submitting Semi-annual Reports/ Total No. Required.....	<u>0/0</u>	<u>0/0</u>
4) No. of SIUs meeting Compliance Schedule/ Total No. Required to Meet Schedule.....	<u>0/0</u>	<u>0/0</u>
5) No. of SIUs in Significant Noncompliance/ Total No. of SIUs.....	<u>0/4</u>	<u>2/5</u>
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical).....		<u>2/9</u>

Compliance Monitoring Program

1) No. of Control Documents Issued/Total No. Required.....	<u>4/4</u>	<u>5/5</u>
2) No. of Nonsampling Inspections Conducted.....	<u>4/4</u>	<u>5/5</u>
3) No. of Sampling Visits Conducted.....	<u>5/4</u>	<u>37/5</u>

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

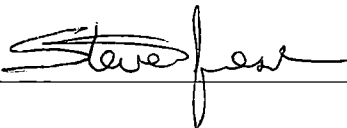
Enforcement Actions

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>0/4</u>	<u>18/4</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>\$30,819.95/5</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  Date 10/22/2018

LEGALS

LEGALS

CITY OF VAN BUREN WASTEWATER PRETREATMENT PROGRAM NOTICE OF SIGNIFICANT VIOLATION

As directed by the Environmental Protection Agency in the City of Van Buren's National Pollutant Discharge Elimination System (NPDES) permit #AR0021482, public notice of significant violators of the City of Van Buren Wastewater Pretreatment Program is hereby given. A significantly violating industrial user is one which meets one or more of the following criteria:

(A) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent or more of all measurements taken during a six month period exceed (by any magnitude) the daily maximum limit or the average limit for the same pollutant parameter;

(B) Technical Review Criteria (TRC) Violations, defined here as those in which thirty-three percent or more of all of the measurements for each pollutant parameter taken during a six month period equal or exceed the product of the daily maximum limit of the average limit multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH);

(C) Any other violation of a pretreatment effluent limit (daily maximum or longer term average) that the Control Authority determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of POTW personnel or the general public);

(D) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority under paragraph (f)(1)(vi)(B) of this section to halt or prevent such a discharge;

(E) Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance;

(F) Failure to provide, within 30 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules;

(G) Failure to accurately report noncompliance;

(H) Any other violation or group of violations which the Control Authority determines will adversely affect the operation or implementation of the local pretreatment program.

Significant violators for the period October, 2017 through September 30, 2018 are as follows:

Industry

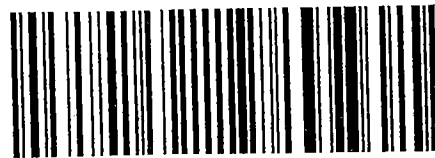
Simmons Prepared Foods (Main St. Plant)

Simmons Foods (Twin Circle Plant)

Reasons for Significant NonCompliance classifications: recurrent Biochemical Oxygen Demand permit excursions.

Published in the October 24, 2018 issue of the Press Argus-Courier.

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UNITED STATES POSTAGE



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\$ 009.70⁰⁰

0000900190

OCT 23 2018

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VB MUNICIPAL UTILITIES

2806 Bryan Rd. • Van Buren, AR 72956

ADEQ, PRETREATMENT

5301 NORTHSORE DR.

NORTH LITTLE ROCK, AR

~~72118~~

72118