

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

VB MUNICIPAL UTILITIES

Attorney
Sean Brister
Secretary
Kathy Geppert

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

October 25, 2019

Certified Mail # 7011 2970 0002 2764 7636

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

Re: Permit #AR0021482, #AR0040967, & #AR0037567
Annual Pretreatment Report for 2018-2019

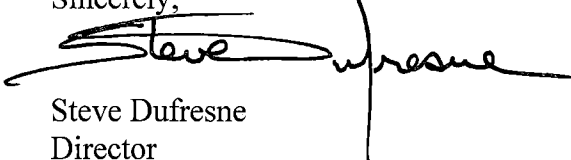
Dear Mr. Yates:

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

- I. Cover Page
- II. Annual Averages for Main, North and Bekaert Plants
- III. Influent-Effluent Chart for Main Plant – Table III
- IV. Influent-Effluent Chart for North Plant
- V. Attachment A -- PPS Report Updated SIU List
- VI. Attachment B -- Significant Violations – Enforcement Action
- VII. Attachment C – PPS (1st page)
- VIII. Attachment C – PPS (2nd page)
- IX. Attachment of Legal Notice for SNC Violator

If you have any questions feel free to contact our office.

Sincerely,


Steve Dufresne
Director

Cc: ADEQ
Kim Redo, VBMU Environmental Coordinator
North & South Plant files

Annual Average(s) of Analyses for South, North and Bekaert Treatment Plants

Southside Treatment Plant

October 2018 – September 2019

Average CBOD₅, BOD₅, TSS, Fecal Coliform and flow for the calendar year

	<u>Influent</u>	<u>Effluent</u>
Flow	<u>3.013</u> MGD	<u>2.832</u> MGD
BOD ₅ (Nov.-Apr.)	<u>110</u> mg/L	<u>6.2</u> mg/L
CBOD ₅ (May-Oct.)	<u>103</u> mg/L	<u>4.5</u> mg/L
TSS	<u>58</u> mg/L	<u>7.5</u> mg/L
Fecal Coliform	-----	<u>30</u> colonies/100 mls
Ammonia Nitrogen		<u>0.33</u> mg/L
Dissolved Oxygen		Low: <u>4.74</u> mg/L

Northside Treatment Plant

October 2018 – September 2019

Average CBOD₅, TSS, Fecal Coliform, Ammonia Nitrogen,
Dissolved Oxygen and flow for the calendar year

	<u>Influent</u>	<u>Effluent</u>
Flow	<u>1.608</u> MGD	<u>1.608</u> MGD
CBOD ₅ (November-Apr.)	<u>139</u> mg/L	<u>2.8</u> mg/L
CBOD ₅ (May – October)	<u>115</u> mg/L	<u>2.4</u> mg/L
TSS (November-April)	<u>114</u> mg/L	<u>5.85</u> mg/L
(May – October)	<u>107</u> mg/L	<u>4.12</u> mg/L
Fecal Coliform (April-Sept.)		<u>7.6</u> colonies/100 mls
(October-March)		<u>6.1</u> colonies/100 mls
Ammonia Nitrogen (November –April)		<u>0.42</u> mg/L
(May – October)		<u>0.47</u> mg/L
Dissolved Oxygen		Low: <u>6.75</u> mg/L

Bekaert(Lee Creek) Treatment Plant

October 2018 – September 2019

Average BOD₅, TSS, Fecal Coliform and flow for the calendar year

	<u>Influent</u>	<u>Effluent</u>
Flow	<u>0.007</u> MGD	<u>0.007</u> MGD
BOD ₅	<u>395</u> mg/L	<u>4</u> mg/L
TSS	<u>655</u> mg/L	<u>18</u> mg/L
Fecal Coliform	-----	<u>37</u> colonies/100 mls

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: Oct. 1, 2018 TO Sept. 30, 2019
TREATMENT PLANT: City of Van Buren NPDES PERMIT #AR0021482
AVERAGE POTW FLOW: 3.013 MGD % IU FLOW: 31.6 %

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		
		11/8/2018	2/26/2019	4/15/2019	7/30/2019		11/8/2018	2/26/2019	4/15/2019	7/30/2019	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	0.59	0	0	126.52	0	0	0	0	0.5	200.8	0.5
Copper	1000.0	14	7.9	7	12	431.63	5.2	3.7	4.6	8.6	0.5	200.8	0.5
Lead	587.2	1.2	0.93	0.7	0.59	587.66	0	0.6	0	0	0.5	200.8	0.5
Mercury	0.98ug/L	0	0.030	0.00086	0	0.39 ug/L	0	0.0052	0	0	.005	EPA 245.7	1.8 ng/L
Nickel	426.42	3.6	2.5	2.8	3.7	15071.86	2.4	2.3	1.3	2.9	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	0	0	0	0	112.58	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	120	0	56	160	3461.17	39	53	23	33	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	1.2	1.4	1.3	1.4	4807.76	1.00	1.00	1.10	1.70	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	0.027	0	0.036	0.079	N/A	0.0099	0.039	0.017	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
Chloroform										8.8	2.0	EPA 624.1	2.0
Flow, MGD	N/A	3.452	3.296	3.540	2.130	N/A	2.830	3.171	3.862	1.776			

*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 TBL 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 (from inf-eff charts MAHC column by Larry Weir, Egr.)

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

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: Oct. 1, 2018 TO Sept. 30, 2019
TREATMENT PLANT: City of Van Buren NPDES PERMIT #AR0040967
AVERAGE POTW FLOW: 1.608 MGD IU FLOW: 0.820 %

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		
		11/12/2018	3/12/2019	6/19/19	9/6/2019		11/12/2018	3/12/2019	6/19/2019	9/6/2019	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	0.50	0	0.5	200.8	0.5
Copper	31.85	32	6.9	13	9.8	9.24	5.3	3.7	5.00	4.2	0.5	200.8	0.5
Lead	10.84	1	0	1	0.52	2.71	0	0	0.50	0	0.5	200.8	0.5
Mercury,LL (in ng/L)	0.03	0.0073	0.007		0.005	0.0134	0	0.005	0.0050	0	.005	EPA 245.7	0.0018
Nickel	167.18	4.6	3	3.7	3.6	96.96	3.3	2.7	6.50	2.1	0.5	200.8	0.5
Selenium	11.16	0	0	0	0	5.58	0	0	2.00	0	5	200.8	5
Silver	3.73	0	0	0	0	0.93	0	0	0.50	0	0.5	200.8	0.5
Zinc	167.71	180	54	480	63	85.53	57	32	48	23	20	200.8	20
Chromium, total	748.99	10	0	0	0	295.4(tri)	0	0	10	0	10	200.8	10
Chromium, Hexavalent		n/a	n/a	n/a	n/a	11.81(hex)	n/a	n/a	n/a	n/a	10	SM 3500- Cr B	10
Cyanide	187.2	0.078	0	0.010	0.01	5.80	0	0	0.01	0.01	10	SM4500- CN C,E	0.00001
Arsenic	341.2	1.9	1.3	1.6	12	348.96	0.66	0.6	0.79	4.9	0.5	200.8	0.5
Phenols (mg/L)	*	0.072	0.065	0.074	0.088		0.015	28	0.013	0.005	5	EPA 420.1	0.000005
Beryllium	11.83	0	0	0	0	5.91	0	0	0.50	0	0.5	200.8	0.5
Thallium	*	0	0	0	0	N/A	0	0	0.50	0	0.5	200.8	0.5
Flow, MGD	N/A	0.923	2.022	0.883	01.386	N/A	0.923	2.022	0.883	1.386			

*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		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	0*	yes	n/a	C	n/a	C*
B & W Plating	1721	Categorical	Y	11/17/2016	no	1	0*	yes	n/a	C	n/a	C*
FabTech	3400	Categorical	Y	2/28/2019	no	1	2	yes	n/a	C	C	C
River City Coatings	1721	Categorical	Y	9/18/2019	no	1	2	yes	n/a	C	C	C
Simmons Foods	2015	Noncategorical	Y	4/15/2017	no	1	12	yes	n/a	n/a	C	NC
Simmons Poultry Farms	2017	Noncategorical	Y	11/30/2017	no	1	11	yes	n/a	n/a	C	NC
Tate & Lyle	2046	Noncategorical	Y	5/31/2019	no	1	7	yes	n/a	n/a	C	NC
Tyson Foods	2017	Noncategorical	Y	11/30/2018	no	1	5	yes	n/a	n/a	C	NC
Arkansas Valley Truck Wash of America	7542	Noncategorical	Y	1/1/2019	no	1	6	yes	n/a	n/a	C	NC

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

*Arkansas Lamp - no discharge for entire year.

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	
River City Coatings	2X		2	0	0	0	0	no	n/a	n/a	C	Late reports
Simmons Foods		15X	9	0	0	0	0	yes	n/a	n/a	NC	13 BOD & 1 pH excursions
Simmons Prepared Foods		19X	11	0	0	0	0	yes	n/a	n/a	NC	32 BOD & 1 pH excursions
Tate & Lyle	1X		1	0	0	0	0	yes	n/a	n/a	C	Incorrect reporting of data
Arkansas Valley Truck Wash		3X	2	0	0	0	0	yes	n/a	n/a	C	3 BOD & 1 TSS 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, 2018 September 30, 2019
(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>1/5</u>
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical).....		<u>1/9</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>4/4</u>	<u>45/5</u>

4)	No. of Facilities Inspected (nonsampling).....	<u>4/4</u>	<u>5/5</u>
5)	No. of Facilities Sampled.....	<u>2/4*</u>	<u>5/5</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>2/4</u> <u>23/4</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>1</u>
7)	Amount of Penalties Collected (total dollars/ IUs Assessed) (Not Surcharges).....	<u>\$0</u> <u>\$40,672.20/4</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 J. Reese Date 10-21-2019

*B & W Plating is Zero Discharge; Arkansas Lamp Mfg. had no discharges in 2018-2019 pretreatment year.

THURSDAY, OCTOBER 17, 2019

LEGALS

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 1, 2018 through March 31, 2019 are as follows:

Industry

Simmons Prepared Foods (Main Street)

Reasons for Significant NonCompliance classification:

- (A) Biochemical Oxygen Demand**

CERTIFIED MAIL™



7011 2970 0002 2764 7636



UNITED STATES POSTAGE



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0000900190 OCT 22 2019
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VB MUNICIPAL UTILITIES

2806 Bryan Rd. • Van Buren, AR 72956

ADAM YATES

ADAM YATES QUALITY

AR DEPT. OF ENVIRON QUALITY

5301 NORTSHORE DRIVE

NORTH

LITTLE ROCK, AR 72118

