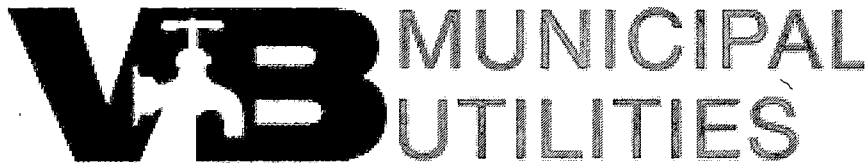


Commission:
Jim Williamson
Todd Young
Chad Adams
Keith Hefner



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 26, 2020

Certified Mail # 7011 2970 0002 2764 9272

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 2019-2020

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)

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

Sincerely,

A handwritten signature in black ink that reads 'Steve Dufresne'.

Steve Dufresne
Director **STEVE DUFRESNE**
DIRECTOR OF UTILITIES

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 2019 – September 2020

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

	<u>Influent</u>	<u>Effluent</u>
Flow	3.075 MGD	2.909 MGD
BOD ₅ (Nov.-Apr.)	105 mg/L	11 mg/L
CBOD ₅ (May-Oct.)	121 mg/L	6 mg/L
TSS	64 mg/L	11 mg/L
Fecal Coliform	-----	16 colonies/100 mls
Ammonia Nitrogen		0.64 mg/L
Dissolved Oxygen		Low: 6.40 mg/L

Northside Treatment Plant

October 2019 – September 2020

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

	<u>Influent</u>	<u>Effluent</u>
Flow	1.764 MGD	1.764 MGD
CBOD ₅ (November-Apr.)	117 mg/L	3.2 mg/L
CBOD ₅ (May – October)	148 mg/L	2.3 mg/L
TSS (November-April)	82 mg/L	5.2 mg/L
(May – October)	128 mg/L	3.4 mg/L
Fecal Coliform (April-Sept.)		4.3 colonies/100 mls
(October-March)		5.0 colonies/100 mls
Ammonia Nitrogen (November –April)		0.42 mg/L
(May – October)		0.40 mg/L
Dissolved Oxygen		Low: 6.65 mg/L

Bekaert (Lee Creek) Treatment Plant

October 2019 – September 2020

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

	<u>Influent</u>	<u>Effluent</u>
Flow	0.004 MGD	0.004 MGD
BOD ₅	250 mg/L	2 mg/L
TSS	202 mg/L	22 mg/L
Fecal Coliform	-----	32 colonies/100 mls

MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT
REPORTING YEAR: Oct. 1, 2019 TO Sept. 30, 2020
TREATMENT PLANT: City of Van Buren NPDES PERMIT #AR0021482
AVERAGE POTW FLOW: 3.162 MGD % IU FLOW: 31.1%

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		
		12/4/2019	3/17/2020	6/24/2020	9/17/2020		12/4/2019	3/17/2020	6/24/2020	9/17/2020	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	0	0	126.52	0	0	0	0	0.5	200.8	0.5
Copper	1000.0	7.6	4.3	11	13	431.63	6.6	3.1	5	130	0.5	200.8	0.5
Lead	587.2	0.72	0.51	0.94	4.9	587.66	0.73	0	0	22	0.5	200.8	0.5
Mercury	0.98ug/L	0	0.024	0	0	0.39 ug/L	0.006	0	0	0.0066	.005	EPA 245.7	1.8 ng/L
Nickel	426.42	2.7	2.5	3.4	4.5	15071.86	2.6	1.8	2.3	3.4	0.5	200.8	0.5
Selenium	85.28	0	0	2	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	61	46	86	130	3461.17	38	29	22	310	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	11	4.1	20	37	4807.76	7.3	3.7	4.2	4.4	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	0	0.011	0.099	N/A	0.0099	0.039	0	0.02	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
Alpha-Endosulfan	0	0	0	0.023	0								
Chloroform		0	0	2.1	0					8.8	2.0	EPA 624.1	2.0
Flow, MGD	N/A	2.942	4.342	2.371	2.835	N/A	5.853	4.464	2.148	1.810			

*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, 2019 TO Sept. 30, 2020
TREATMENT PLANT: City of Van Buren NPDES PERMIT #AR0040967
AVERAGE POTW FLOW: 1.764 MGD IU FLOW: 0.72 %

METALS, CYANIDE and PHENOLS (Total)	MAHC (µg/l) (2)	INFLUENT DATES SAMPLED (µg/l) Quarterly				WQ level/ limit (µg/l) (2)	EFFLUENT DATES SAMPLED (µg/l) quarterly				LABORATORY ANALYSIS		
		12/18/2019	3/24/2020	6/26/2020	9/28/2020		12/18/2019	3/24/2020	6/26/2020	9/28/2020	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	14	7.5	11	14	9.24	6.1	3.7	4.7	4.8	0.5	200.8	0.5
Lead	10.84	0.94	0	0.63	0.63	2.71	0	0	0	0	0.5	200.8	0.5
Mercury,LL	0.03	0	0	0	0.013	0.0134	0	0	0	0.043	.005	EPA 245.7	0.0018
Nickel	167.18	3.1	7.4	2.4	3.5	96.96	3.0	3.40	3.8	3.8	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	84	83	64	88	85.53	35	0	62	42	20	200.8	20
Chromium, total	748.99	0	0	0	0	295.4(tri)	0	0	0	0	0	200.8	10
Chromium, Hexavalent		0				11.81(hex)	n/a	n/a	n/a	n/a	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	18	60	12	21	348.96	2.8	21	3.2	3.0	0.5	200.8	0.5
Phenols (mg/L)	*	0.19	0.059	0.16	0.24		0	0	0	0.10	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
Molybdenum	+	0	0	0	0		0	0	0	0	0.5	200.8	0.5
Chloroform		2.7											
Flow, MGD	N/A	1.506	2.185	0.875	1.268	N/A	1.506	2.887	0.837	1.293			

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

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	1	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
Inter-American Proppants Materials	1453	Noncategorical	Y	9/16/2020	yes	0	0	yes	n/a	n/a	n/a	**
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	12	yes	n/a	n/a	C	C
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	4	yes	n/a	n/a	C	C
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 - one discharge for entire year.
 **IAP - permitted in September - no sampling until 2020-2021 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	
Simmons Foods		X		0	0	0	0	yes	n/a	n/a	C	13X- BOD5
Tate & Lyle		X		0	0	0	0	yes	n/a	n/a	NC	4X-TSS excursions
Arkansas Valley Truck Wash		X		0	0	0	0	yes	n/a	n/a	C	3X-pH 2X - TSS

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, 2019 September 30, 2020
(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	5/6*
3) No. of Sampling Visits Conducted.....	5/4	41/6*

4)	No. of Facilities Inspected (nonsampling).....	<u>4/4</u>	<u>5/6*</u>
5)	No. of Facilities Sampled.....	<u>3/4*</u>	<u>5/6*</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>0/0</u>	<u>11/3</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>\$12,730.00</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 10/21/2020

STEVE DUFRESNE
DIRECTOR OF UTILITIES

***Inter-American Performance Materials permitted in September 2020**

B & W Plating is Zero Discharge
Arkansas Lamp Mfg. had one batch discharge in 2019-2020 pretreatment year.



7011 2970 0002 2764 9272



UNITED STATES POSTAGE
PITNEY BOWES
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0000900190 OCT 26 2020
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VB MUNICIPAL UTILITIES

2806 Bryan Rd. • Van Buren, AR 72956

ADAM YATES
ARKANSAS DEPT. ENVIRO. QUALITY
5301 NORTH SHORE DRIVE
NORTH LITTLE ROCK, ARKANSAS ~~72118~~

72118

