

## Jamie Belcourt (adpce.ad)

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**From:** Jamie Belcourt (adpce.ad)  
**Sent:** Monday, June 12, 2023 1:26 PM  
**To:** Byrd, Johnson (Johnson.Byrd@jacobs.com)  
**Cc:** Nyander, Tim; Guy, Jan; Vinson, Thom; Stacie Wassell (adpce.ad); Richard Healey (adpce.ad); Bryan Leamons (adpce.ad)  
**Subject:** City of Fayetteville 2022 Pretreatment Program Annual Report (NPDES Permits AR0020010 & AR0050288)

Mr. Byrd,

The City of Fayetteville's January 1, 2022 through December 1, 2022 Pretreatment Program Annual Report (NPDES Permits AR0020010 & AR0050288) was received, reviewed, and deemed complete and compliant according to the reporting requirements of 40 § CFR 403.12(i).

Thank you for your submittal. If you have any questions or concerns, please feel free to contact me.

Regards,

Jamie Belcourt | Pretreatment Coordinator

**Division of Environmental Quality | Office of Water Quality  
Policy & Administration**

5301 Northshore Drive | North Little Rock, AR 72118

t: 501.682.0858 | c: 501.287.8714 | e: [jamie.belcourt@adeq.state.ar.us](mailto:jamie.belcourt@adeq.state.ar.us)



**ARKANSAS**  
ENERGY & ENVIRONMENT

## Jamie Belcourt (adpce.ad)

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**From:** Byrd, Johnson <Johnson.Byrd@jacobs.com>  
**Sent:** Tuesday, June 6, 2023 2:46 PM  
**To:** Jamie Belcourt (adpce.ad); Pretreatment-Submittals; water-enforcementreport@adeq.state.ar.us  
**Cc:** Nyander, Tim; Guy, Jan; Vinson, Thom; thomas.harrington@adeq.ar.us  
**Subject:** RE: 2022 AR0020010 & AR0050288 Fayetteville Pretreatment Program Annual Report  
**Attachments:** AR0020010 & AR0050288 Fayetteville 2022 Pretreatment Program Annual Report Page 1 and 2 Revised.pdf

**Importance:** High

Please see the attached.

**John Byrd** | [Jacobs](#) | Industrial Pretreatment Coordinator  
O: 479.443.3292 ext. 3 | M: 479.380.9235 | [Johnson.byrd@jacobs.com](mailto:Johnson.byrd@jacobs.com)  
1400 N Fox Hunter Rd | Fayetteville, AR 72701 | USA

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**From:** Jamie Belcourt (adpce.ad)  
**Sent:** Tuesday, June 6, 2023 8:34 AM  
**To:** Byrd, Johnson ; Pretreatment-Submittals ; water-enforcementreport@adeq.state.ar.us  
**Cc:** Nyander, Tim ; Guy, Jan ; Vinson, Thom ; thomas.harrington@adeq.ar.us  
**Subject:** [EXTERNAL] RE: 2022 AR0020010 & AR0050288 Fayetteville Pretreatment Program Annual Report

Mr. Byrd,

During review of the City of Fayetteville's 2022 Annual Pretreatment Report (AR0020010 & AR0050288), it was noted that the results of multiple analytes were reported as zero (0). If the results of analysis show less than the detection limit, please indicate that on the report. Please revise this report and resubmit.

Thank you,

**Jamie Belcourt** | State Pretreatment Coordinator  
**Division of Environmental Quality | Office of Water Quality**  
**Policy and Administration**  
5301 Northshore Drive | North Little Rock, AR 72118  
t: 501.682.0858 | c: 501.287.8714 | e: [jamie.belcourt@adeq.state.ar.us](mailto:jamie.belcourt@adeq.state.ar.us)



**ARKANSAS**  
ENERGY & ENVIRONMENT

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**From:** Byrd, Johnson [<mailto:Johnson.Byrd@jacobs.com>]  
**Sent:** Wednesday, May 31, 2023 4:00 PM  
**To:** Pretreatment-Submittals <[Pretreatment-Submittals@adeq.state.ar.us](mailto:Pretreatment-Submittals@adeq.state.ar.us)>; [water-enforcementreport@adeq.state.ar.us](mailto:water-enforcementreport@adeq.state.ar.us)  
**Cc:** Nyander, Tim <[tnyander@fayetteville-ar.gov](mailto:tnyander@fayetteville-ar.gov)>; Guy, Jan <[Jan.Guy@jacobs.com](mailto:Jan.Guy@jacobs.com)>; Vinson, Thom

<[Thom.Vinson@jacobs.com](mailto:Thom.Vinson@jacobs.com)>; [thomas.harrington@adeq.ar.us](mailto:thomas.harrington@adeq.ar.us)

**Subject:** 2022 AR0020010 & AR0050288 Fayetteville Pretreatment Program Annual Report

**Importance:** High

Please see the attached pdf file for the City of Fayetteville Annual Pretreatment Report for 2022.

**John Byrd** | [Jacobs](#) | Industrial Pretreatment Coordinator

O: 479.443.3292 ext. 3 | M: 479.380.9235 | [Johnson.byrd@jacobs.com](mailto:Johnson.byrd@jacobs.com)

1400 N Fox Hunter Rd | Fayetteville, AR 72701 | USA

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**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT<sup>1</sup>**

REPORTING YEAR: **January 2022 TO December 2022**

TREATMENT PLANT: **City of Fayetteville Paul R. Noland WRRF** NPDES PERMIT # **AR0020010**

AVERAGE POTW FLOW: **5.9013 MGD** % IU FLOW: **13.7%**

METALS, CYANIDE, and PHENOLS (Total)	MAHC <sup>2</sup> (Total) (µg/L) <sup>3</sup>	Influent Dates Sampled (µg/L) Once/quarter				WQ <sup>4</sup> level/ limit (µg/L) <sup>3</sup>	Effluent Dates Sampled (µg/L) Once/quarter				LABORATORY ANALYSIS		
		Date	Date	Date	Date		Date	Date	Date	Date	EPA MQL (µg/L) <sup>5</sup>	EPA Method Used <sup>5</sup>	Detection Level Achieved (µg/L)
		02/28/22	05/17/22	07/19/22	11/01/22		03/01/22	05/18/22	07/20/22	11/02/22			
Antimony	N/A	<60.0	<60.0	<60.0	<60.0	N/A	<60.0	<60.0	<60.0	<60.0	60	200.8	60
Cadmium	21.2	<0.5	<0.5	<0.5	<0.5	7.00	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Copper	684.66	<b>12.3</b>	<b>18.6</b>	<b>38.5</b>	<b>21.5</b>	41.08	<b>1.38</b>	<b>1.36</b>	<b>1.22</b>	<b>1.14</b>	0.5	200.8	0.5
Lead	39.02	<b>0.636</b>	<b>1.24</b>	<b>1.29</b>	<b>0.848</b>	18.73	<0.500	<0.500	<0.500	<0.500	0.5	200.8	0.5
Mercury	0.03	<b>0.0075</b>	<b>0.005</b>	<b>0.00684</b>	<b>0.0248</b>	0.01	<0.005	<0.005	<0.005	<0.005	0.005	1631E	0.0050
Nickel	235.34	<b>5.97</b>	<b>4.01</b>	<b>4.61</b>	<b>3.59</b>	422.02	<b>3.97</b>	<b>1.64</b>	<b>3.05</b>	<b>1.58</b>	0.5	200.8	0.5
Selenium	11.16	<5.00	<5.00	<5.00	<5.00	5.58	<5.00	<5.00	<5.00	<5.00	5	200.8	5
Silver	44.34	<0.5	<0.5	<0.5	<0.5	19.95	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Zinc	300.00	<b>66</b>	<b>80.3</b>	<b>134</b>	<b>79.0</b>	372.89	<b>38.9</b>	<20.0	<b>22.3</b>	<b>29.9</b>	20	200.8	20
Chromium	676.51	<10.0	<10.0	<10.0	<10.0	1255.02	<10.0	<10.0	<10.0	<10.0	10	200.8	10
Cyanide	18.72	<10.0	<10.0	<10.0	<10.0	5.80	<10.0	<10.0	<10.0	<10.0	10	SM 4500- CNE-2016	10
Arsenic	30.82	<b>0.562</b>	<b>0.882</b>	<b>0.979</b>	<b>0.624</b>	342.39	<0.500	<b>0.696</b>	<0.500	<0.500	0.5	200.8	0.5
Molybdenum	27.74	<30.0	<30.0	<30.0	<30.0	N/A	<30.0	<30.0	<30.0	<5.0	N/A	200.8 & 200.7	30 & 5
Phenols	N/A	<b>19.3</b>	<b>35.20</b>	<b>30.4</b>	<5.000	N/A	<5.00	<b>9.700</b>	<b>5.8</b>	<5.000	5	420.1	5
Beryllium	11.83	<0.500	<0.500	<0.500	<0.500	5.91	<0.500	<0.500	<0.500	<0.500	0.5	200.8	0.5
Thallium	N/A	<0.5	<0.5	<0.5	<0.5	N/A	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Flow, MGD	N/A	5.388	4.434	3.941	4.538	N/A	6.18	7.85	5.15	4.07	N/A	N/A	N/A
4, 4'-DDT <sup>6</sup>	N/A	N/A	<b>0.02975</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.02	608.3	0.02

<sup>1</sup> Per 06/06/2023 phone call with Jamie Belcourt, no matter what MQL was met, report 'less-than' the detection limit.

<sup>2</sup> MAHL - Maximum Allowable Headworks Level / MAHC – Maximum Allowable Headworks Concentration

<sup>3</sup> 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. [Table & values provided by R. Torrence of ADEQ in a letter dated October 1, 2009.]

<sup>4</sup> WQ - "Water Quality Levels not to exceed" OR actual permit limit.

<sup>5</sup> 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.**

<sup>6</sup>Per analytical report, "Analyte was detected in both the primary and confirmatory analyses, with a relative percent difference (RPD) of greater than 40% between the two results. These results are flagged Q and the lower of the two values is reported. Analytes with RPD values greater than 100% are reported as non-detect.

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT<sup>7</sup>**  
**REPORTING YEAR: January 2022 TO December 2022**  
**TREATMENT PLANT: City of Fayetteville West Side WRRF NPDES PERMIT # ARO050288**  
**AVERAGE POTW FLOW: 9.0241 MGD % IU FLOW: 0.0%**

METALS, CYANIDE, and PHENOLS (Total)	MAHC <sup>8</sup> (Total) (µg/L) <sup>9</sup>	Influent Dates Sampled (µg/L) Once/quarter				WQ <sup>10</sup> level/ limit (µg/L) <sup>9</sup>	Effluent Dates Sampled (µg/L) Once/quarter				LABORATORY ANALYSIS		
		Date	Date	Date	Date		Date	Date	Date	Date	EPA MQL (µg/L) <sup>11</sup>	EPA Method Used <sup>11</sup>	Detection Level Achieved (µg/L)
		03/03/22	05/19/22	07/21/22	11/03/22		03/04/22	05/20/22	07/22/22	11/04/22			
Antimony	N/A	<60.0	<60.0	<60.0	<60.0	N/A	<60.0	<60.0	<60.0	<60.0	60	200.8	60
Cadmium	21.2	<0.5	<0.5	<0.5	<0.5	7.00	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Copper	456.44	<b>20.7</b>	<b>15.2</b>	<b>32.5</b>	<b>27.8</b>	41.08	<b>1.5</b>	<b>1.42</b>	<b>1.53</b>	<b>1.11</b>	0.5	200.8	0.5
Lead	74.91	<b>0.685</b>	<b>0.806</b>	<b>0.76</b>	<b>0.952</b>	18.73	<0.500	<0.500	<0.500	<0.500	0.5	200.8	0.5
Mercury	0.03	<b>0.0172</b>	<b>0.0139</b>	<b>0.0178</b>	<b>0.0119</b>	0.01	<0.005	<0.005	<0.005	<0.005	0.005	1631E	0.0050
Nickel	844.04	<b>5.35</b>	<b>3.36</b>	<b>5.72</b>	<b>3.56</b>	422.02	<b>4.22</b>	<b>1.75</b>	<b>4.36</b>	<b>2.83</b>	0.5	200.8	0.5
Selenium	11.16	<5.00	<5.00	<5.00	<5.00	5.58	<5.00	<5.00	<5.00	<5.00	5	200.8	5
Silver	86.74	<0.5	<0.5	<0.5	<0.5	19.95	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Zinc	300.00	<b>77</b>	<b>78.9</b>	<b>139</b>	<b>115</b>	372.89	<b>44.2</b>	<b>24.3</b>	<b>29.2</b>	<b>35.6</b>	20	200.8	20
Chromium	1000.0	<10.0	<10.0	<b>16</b>	<10.0	1255.02	<10.0	<10.0	<10.0	<10.0	10	200.8	10
Cyanide	18.72	<10.0	<10.0	<10.0	<10.0	5.80	<10.0	<10.0	<10.0	<10.0	10	SM 4500- CNE-2016	10
Arsenic	100.0	<0.500	<0.500	<b>1.13</b>	<b>0.692</b>	342.39	<0.500	<0.500	<0.500	<0.500	0.5	200.8	0.5
Molybdenum	200.0	<30.0	<30.0	<30.0	<30.0	N/A	<30.0	<30.0	<30.0	<30.0	N/A	200.8	30
Phenols	N/A	<b>14.2</b>	<b>19.00</b>	<b>31.9</b>	<b>17.5</b>	N/A	<5.000	<b>6.400</b>	<5.000	<5.000	5	420.1	5
Beryllium	11.83	<0.500	<0.500	<0.500	<0.500	5.91	<0.500	<0.500	<0.500	<0.500	0.5	200.8	0.5
Thallium	N/A	<0.5	<0.5	<0.5	<0.5	N/A	<0.5	<0.5	<0.5	<0.5	0.5	200.8	0.5
Flow, MGD	N/A	10.535	8.3623	5.6126	6.6553	N/A	9.996	6.796	5.483	6.432	N/A	N/A	N/A

**PRETREATMENT PROGRAM STATUS REPORT**

<sup>7</sup> Per 06/06/2023 phone call with Jamie Belcourt, no matter what MQL was met, report 'less-than' the detection limit.

<sup>8</sup> MAHL - Maximum Allowable Headworks Level / MAHC – Maximum Allowable Headworks Concentration

<sup>9</sup> 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. [Table & values provided by R. Torrence of ADEQ in a letter dated October 1, 2009.]

<sup>10</sup> WQ - "Water Quality Levels not to exceed" OR actual permit limit.

<sup>11</sup> 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.**

## Jamie Belcourt (adpce.ad)

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**From:** Byrd, Johnson <Johnson.Byrd@jacobs.com>  
**Sent:** Wednesday, May 31, 2023 4:00 PM  
**To:** Pretreatment-Submittals; water-enforcementreport@adeq.state.ar.us  
**Cc:** Nyander, Tim; Guy, Jan; Vinson, Thom; thomas.harrington@adeq.ar.us  
**Subject:** 2022 AR0020010 & AR0050288 Fayetteville Pretreatment Program Annual Report  
**Attachments:** AR0020010 AR0050288 Fayetteville 2022 Pretreatment Program Annual Report.pdf

**Importance:** High

Please see the attached pdf file for the City of Fayetteville Annual Pretreatment Report for 2022.

**John Byrd** | [Jacobs](#) | Industrial Pretreatment Coordinator  
O: 479.443.3292 ext. 3 | M: 479.380.9235 | [Johnson.byrd@jacobs.com](mailto:Johnson.byrd@jacobs.com)  
1400 N Fox Hunter Rd | Fayetteville, AR 72701 | USA

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CITY OF  
**FAYETTEVILLE**  
ARKANSAS

May 30<sup>th</sup>, 2023

Arkansas Department of Environmental Quality  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

**RE: City of Fayetteville 2022 Annual Pretreatment Report  
(Permit No. AR0020010, AFIN 72-00781 and AR0050288, AFIN 72-01033)**

To whom it may concern,

In accordance with NPDES Permits AR0020010, AFIN 72-00781 and AR0050288, AFIN 72-01033, the Annual Pretreatment Report is enclosed.

Please do not hesitate to contact the Industrial Pretreatment Coordinator, John Byrd, at 479-443-3292 ext. 3 or by email at [johnson.byrd@jacobs.com](mailto:johnson.byrd@jacobs.com) if you have any questions.

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

Sincerely,

**City of Fayetteville**

A handwritten signature in blue ink, appearing to read "Tim Nyander", with a long horizontal stroke extending to the right.

Tim Nyander  
Utilities Director  
Utilities Department

Enclosure

**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT<sup>1</sup>**

REPORTING YEAR: January 2022 TO December 2022

TREATMENT PLANT: City of Fayetteville Paul R. Noland WRRF NPDES PERMIT # AR0020010

AVERAGE POTW FLOW: 5.9013 MGD % IU FLOW: 13.7%

METALS, CYANIDE, and PHENOLS (Total)	MAHC <sup>2</sup> (Total) (µg/L) <sup>3</sup>	Influent Dates Sampled (µg/L) Once/quarter				WQ <sup>4</sup> level/ limit (µg/L) <sup>3</sup>	Effluent Dates Sampled (µg/L) Once/quarter				LABORATORY ANALYSIS		
		Date	Date	Date	Date		Date	Date	Date	Date	EPA MQL (µg/L) <sup>5</sup>	EPA Method Used <sup>5</sup>	Detection Level Achieved (µg/L)
		02/28/22	05/17/22	07/19/22	11/01/22		03/01/22	05/18/22	07/20/22	11/02/22			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60
Cadmium	21.2	0	0	0	0	7.00	0	0	0	0	0.5	200.8	0.5
Copper	684.66	<b>12.3</b>	<b>18.6</b>	<b>38.5</b>	<b>21.5</b>	41.08	<b>1.38</b>	<b>1.36</b>	<b>1.22</b>	<b>1.14</b>	0.5	200.8	0.5
Lead	39.02	<b>0.636</b>	<b>1.24</b>	<b>1.29</b>	<b>0.848</b>	18.73	0	0	0	0	0.5	200.8	0.5
Mercury	0.03	<b>0.0075</b>	<b>0.005</b>	<b>0.00684</b>	<b>0.0248</b>	0.01	0	0	0	0	0.005	1631E	0.0050
Nickel	235.34	<b>5.97</b>	<b>4.01</b>	<b>4.61</b>	<b>3.59</b>	422.02	<b>3.97</b>	<b>1.64</b>	<b>3.05</b>	<b>1.58</b>	0.5	200.8	0.5
Selenium	11.16	0	0	0	0	5.58	0	0	0	0	5	200.8	5
Silver	44.34	0	0	0	0	19.95	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	<b>66</b>	<b>80.3</b>	<b>134</b>	<b>79.0</b>	372.89	<b>38.9</b>	0	<b>22.3</b>	<b>29.9</b>	20	200.8	20
Chromium	676.51	0	0	0	0	1255.02	0	0	0	0	10	200.8	10
Cyanide	18.72	0	0	0	0	5.80	0	0	0	0	10	SM 4500- CNE-2016	10
Arsenic	30.82	<b>0.562</b>	<b>0.882</b>	<b>0.979</b>	<b>0.624</b>	342.39	0	<b>0.696</b>	0	0	0.5	200.8	0.5
Molybdenum	27.74	0	0	0	0	N/A	0	0	0	0	N/A	200.8 & 200.7	30 & 5
Phenols	N/A	<b>19.3</b>	<b>35.2</b>	<b>30.4</b>	0	N/A	0	<b>9.7</b>	<b>5.8</b>	0	5	420.1	5
Beryllium	11.83	0	0	0	0	5.91	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	5.388	4.434	3.941	4.538	N/A	6.18	7.85	5.15	4.07	N/A	N/A	N/A
4, 4'-DDT <sup>6</sup>	N/A	N/A	<b>0.02975</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.02	608.3	0.02

<sup>1</sup> In accordance with an email from Allen Gilliam of ADEQ dated January 26, 2009, any non-detect value AT or BELOW the EPA required MQL report as "0", non-detect values ABOVE the EPA required MQL report as a "less than" with a footnote stating that was the lab's lowest achievable MQL.

<sup>2</sup> MAHL - Maximum Allowable Headworks Level / MAHC - Maximum Allowable Headworks Concentration

<sup>3</sup> 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. [Table & values provided by R. Torrence of ADEQ in a letter dated October 1, 2009.]

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<sup>6</sup> Per analytical report, "Analyte was detected in both the primary and confirmatory analyses, with a relative percent difference (RPD) of greater than 40% between the two results. These results are flagged Q and the lower of the two values is reported. Analytes with RPD values greater than 100% are reported as non-detect.



**MONITORING RESULTS FOR THE ANNUAL PRETREATMENT REPORT<sup>7</sup>**  
**REPORTING YEAR: January 2022 TO December 2022**  
**TREATMENT PLANT: City of Fayetteville West Side WRRF NPDES PERMIT # ARO050288**  
**AVERAGE POTW FLOW: 9.0241 MGD % IU FLOW: 0.0%**

METALS, CYANIDE, and PHENOLS (Total)	MAHC <sup>8</sup> (Total) (µg/L) <sup>9</sup>	Influent Dates Sampled (µg/L) Once/quarter				WQ <sup>10</sup> level/ limit (µg/L) <sup>9</sup>	Effluent Dates Sampled (µg/L) Once/quarter				LABORATORY ANALYSIS		
		Date	Date	Date	Date		Date	Date	Date	Date	EPA MQL (µg/L) <sup>11</sup>	EPA Method Used <sup>11</sup>	Detection Level Achieved (µg/L)
		03/03/22	05/19/22	07/21/22	11/03/22		03/04/22	05/20/22	07/22/22	11/04/22			
Antimony	N/A	0	0	0	0	N/A	0	0	0	0	60	200.8	60
Cadmium	21.2	0	0	0	0	7.00	0	0	0	0	0.5	200.8	0.5
Copper	456.44	<b>20.7</b>	<b>15.2</b>	<b>32.5</b>	<b>27.8</b>	41.08	<b>1.5</b>	<b>1.42</b>	<b>1.53</b>	<b>1.11</b>	0.5	200.8	0.5
Lead	74.91	<b>0.685</b>	<b>0.806</b>	<b>0.76</b>	<b>0.952</b>	18.73	0	0	0	0	0.5	200.8	0.5
Mercury	0.03	<b>0.0172</b>	<b>0.0139</b>	<b>0.0178</b>	<b>0.0119</b>	0.01	0	0	0	0	0.005	1631E	0.0050
Nickel	844.04	<b>5.35</b>	<b>3.36</b>	<b>5.72</b>	<b>3.56</b>	422.02	<b>4.22</b>	<b>1.75</b>	<b>4.36</b>	<b>2.83</b>	0.5	200.8	0.5
Selenium	11.16	0	0	0	0	5.58	0	0	0	0	5	200.8	5
Silver	86.74	0	0	0	0	19.95	0	0	0	0	0.5	200.8	0.5
Zinc	300.00	<b>77</b>	<b>78.9</b>	<b>139</b>	<b>115</b>	372.89	<b>44.2</b>	<b>24.3</b>	<b>29.2</b>	<b>35.6</b>	20	200.8	20
Chromium	1000.0	0	0	<b>16</b>	0	1255.02	0	0	0	0	10	200.8	10
Cyanide	18.72	0	0	0	0	5.80	0	0	0	0	10	SM 4500- CNE-2016	10
Arsenic	100.0	0	0	<b>1.13</b>	<b>0.692</b>	342.39	0	0	0	0	0.5	200.8	0.5
Molybdenum	200.0	0	0	0	0	N/A	0	0	0	0	N/A	200.8	30
Phenols	N/A	<b>14.2</b>	<b>19</b>	<b>31.9</b>	<b>17.5</b>	N/A	0	<b>6.4</b>	0	0	5	420.1	5
Beryllium	11.83	0	0	0	0	5.91	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	10.535	8.3623	5.6126	6.6553	N/A	9.996	6.796	5.483	6.432	N/A	N/A	N/A

<sup>7</sup> In accordance with an email from Allen Gilliam of ADEQ dated January 26, 2009, any non-detect value AT or BELOW the EPA required MQL report as "0", non-detect values ABOVE the EPA required MQL report as a "less than" with a footnote stating that was the lab's lowest achievable MQL.

<sup>8</sup> MAHL - Maximum Allowable Headworks Level / MAHC – Maximum Allowable Headworks Concentration

<sup>9</sup> 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. [Table & values provided by R. Torrence of ADEQ in a letter dated October 1, 2009.]

<sup>10</sup> WQ - "Water Quality Levels not to exceed" OR actual permit limit.

<sup>11</sup> 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.**

PRETREATMENT PROGRAM STATUS REPORT  
UPDATED SIGNIFICANT INDUSTRIAL USERS LIST

Industrial User Name	SIC Code/ NAICS Code	Categorical Determination (40CFRXXX or N/A)	Control Document		New User or Newly ID	Times Inspected	Times Sampled <sup>12</sup> (SIU+WRRF/ WRRF sampling)	Compliance Status <sup>13</sup> (N/A, C, NC, or SNC)					WRRF <sup>14</sup>
			Y or N	Last Action				Reports				Permit Limits (parameter violated & number of times)	
								BMR	90-Day Compliance	Semi Annual	Self Monitoring		
Custom Powder Coating Services, Inc.	3479/332812	40 CFR 433	Y	10/01/18 Reissued	No	1	3/1	N/A	N/A	C	C	C	NOL
Elkhart Products Corporation	3498/332996 3351/331420 3366/331529 3432/332913	40 CFR 468	Y	07/01/20 Modification	No	1	47/1	N/A	N/A	C	C	C	NOL
Hiland Dairy Foods, Inc.	2026/311511 2086/312111	N/A	Y	10/01/18 Reissued	No	1	369/4	N/A	N/A	C	C	C	NOL
Marshalltown Company	3423/332212	40 CFR 433	Y	10/01/18 Reissued	No	1	3/1	N/A	N/A	C	C	C	NOL
ConAgra Foods Packaged Foods, LLC	2038/311412	N/A	Y	01/01/20 Transfer	No	1	162/4	N/A	N/A	C	C	C	NOL
Ecotech Consumer Products	2821/325991	40 CFR 463	Y	08/26/22 Modification	No	1	53/1	N/A	N/A	C	C	C	NOL
Tyson of Fayetteville	2038/311412 2099/311830	N/A	Y	10/01/18 Reissued	No	1	369/4	N/A	N/A	C	C	C	NOL
Wolfspeed, Inc.	3674/334413	40 CFR 469	Y	12/05/22 Issued	Yes	1	0/0	C	15	15	15	C	NOL

<sup>12</sup>Per Don Morgan (ADEQ) and David Long (EPA) 2/1/2006 Pretreatment Compliance Inspection—include self-monitoring in these data.

<sup>13</sup>N/A = Not Applicable; C = Compliant: no violations in pretreatment year; NC = Non-compliant: 1 or more violations in pretreatment year, but not SNC; SNC = Significant Noncompliance: as defined in 40 CFR 403.8(f)(2) and the Fayetteville Sewer Use Ordinance and calculated on rolling quarters.

<sup>14</sup>NOL = Paul R. Noland Water Resource Recovery Facility; WS = West Side Water Resource Recovery Facility

<sup>15</sup>Wolfspeed began discharge on December 6<sup>th</sup>, 2022; therefore, the 90-Day Compliance Report, which also satisfies the Semi-Annual and Self-Monitoring Report requirements, was not due until March 6<sup>th</sup>, 2023.

Significant Non-Compliant (SNC) Industries - Enforcement Actions Taken

Industrial User Name	Nature of Violation		Number of Actions Taken					Penalties Collected	Compliance Schedule		Current Status	Comments
	Reports	Limits	N.O.V.	A.O.	Civil	Criminal	Other		Date Issued	Date Due		
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: All questions refer to the industrial pretreatment program as approved by ADEQ.  
The Permittee should not answer the questions based on changes made to the approved program without Department authorization.

Control Authority: **City of Fayetteville**  
1400 N Fox Hunter Road  
Fayetteville, AR 72701

Contact Person: John Byrd, IPP Coordinator  
(479) 443-3292 ext. 3

NPDES No.: **AR0020010 & AR0050288**

Reporting Period: January 1, 2022 –  
December 31, 2022

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.



Tim Nyander  
Utilities Director  
Authorized Representative

May 31, 2023  
Date

Total Categorical IUs: 5

Total Significant Noncategorical IUs: 3

Total Non-Significant (yet permitted) IUs: 0

<u>II. Significant Industrial User Compliance</u>		Categorical	Noncategorical
1) No. of SIUs submitting BMRs/No. Required.....		1 / 1	N/A
2) No. of SIUs submitting 90-Day Compliance Reports/No. Required .....		1 / 1	N/A
3) No. of SIUs submitting Semiannual Report/No. Required .....		5 / 5	3 / 3
4) No. of SIUs meeting Compliance Schedule/No. Required.....		0 / 0	1 / 1
5) No. of SIUs in Significant Noncompliance/Total No. of SIUs .....		0 / 5	0 / 3
6) Rate of Significant Noncompliance for all SIUs (categorical and noncategorical).....		0 / 8	
<u>III. Compliance Monitoring Program</u>			
1) No. of Control Documents Issued/No. Required.....		5 / 5	3 / 3
2) No. of Non-sampling Inspections Conducted/No. Required .....		4 / 4 <sup>16</sup>	3 / 3
3) No. of Sampling Visits Conducted/No. Required .....		4 / 4 <sup>17</sup>	12 / 3 <sup>18</sup>
4) No. of Facilities Inspected (non-sampling) /No. Required .....		5 / 4 <sup>16</sup>	4 / 3
5) No. of Facilities Sampled/No. Required .....		4 / 4	3 / 3
<u>IV. Enforcement Actions</u>			
1) Compliance Schedules Issued/Schedules Required.....		0 / 0	1 / 1
2) Notices of Violation Issued to SIUs .....		2	1
3) Administrative Orders Issued to SIUs.....		0	0
4) Civil Suits Filed .....		0	0
5) Criminal Suits Filed.....		0	0
6) Significant Violators (attach newspaper list).....		0	0
7) Amount of Penalties Collected (total dollars/IUs assessed).....		\$0 / 0	\$0 / 0
8) Other Actions (sewer bans, etc.) .....		0	0

<sup>16</sup> Wolfsped, Inc. permit became effective December 5<sup>th</sup>, 2022.

<sup>17</sup> Custom Powder Coating was sampled for annual monitoring within the correct time frame, but the cyanide parameter was not analyzed within holding time. Due to it being late in the year, a resample was not possible.

<sup>18</sup> Quarterly control authority monitoring is done for surcharge purposes and not an industry permit requirement.

## 2022 Industrial Pretreatment Year

The staff completed Jacobs quarterly IPQC tracking report on Industrial Pretreatment compliance, as well as the monthly data entry for the Maximum Allowable Headworks Loading (MAHL) database for both Noland and West Side WRRFs.

No authorization to discharge was revoked for significant industrial user. No interference, pass through, upset or WRRF permit violations occurred that were known or suspected to be caused by industrial contributors and so no actions were taken.

Wolfspeed, Inc. became the most recent categorical industrial user in Fayetteville under the Electrical and Electronic Components Point Source Category, Subpart A – Semiconductor Subcategory (§469.18). This industry is required to self-monitor for metals/cyanide quarterly per technically based local limitations (TBLL), and Total Toxic Organics (TTO) (as defined in §469.12 (a)) semiannually. Estimated discharge will be 50 gallons per day.

ADEQ performed a Pretreatment Compliance Inspection (P.C.I.) for the City of Fayetteville's pretreatment program, including on-site inspections of Elkhart and Hiland Dairy. No violations resulted from this inspection.

Hiland Dairy entered into a compliance schedule with the City of Fayetteville to lay out explicit deadlines for installing a calibratable flow meter, per permit FAY05. A flow meter has been purchased by the date specified within the schedule; but due to shipping delays, was not able to be installed by the completion date. However, as required, Hiland submitted a request for an extension. This extension was approved and the flow meter shall be installed by the end of February 2023. This compliance schedule was completed as required.

Modification of the Ecotech permit was undertaken due to the total suspended solids (TSS) effluent limitation was not technically based, and the limit was more restrictive than the typical domestic TSS concentration. The monitoring showed the industry to be in compliance with the maximum allowable headworks loading (MAHL).