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Monday, October 24, 2016

Roshini Nambiar, Municipal Pretreatment Coordinator
Oklahoma Department of Environmental Quality
Municipal Wastewater Enforcement Section
Water Quality Division
PO Box 1677
Oklahoma City, OK 73101-1677

Re: FY 2016 Pretreatment Annual Report to the DEQ
City of Broken Arrow Industrial Pretreatment Program
Lynn Lane Wastewater Treatment Plant
OPDES Permit Number OK0040053

Dear Ms. Nambiar:

The City of Broken Arrow Industrial Pretreatment Program Annual Report for the period October 1, 2015 through September 30, 2016 is hereby submitted. Please note the following overall general comments in addition to the required forms:

Report of Changes to the Approved Pretreatment Program
There have been no changes made or requested to the current City of Broken Arrow/Lynn Lane WWTP Approved Industrial Pretreatment Program.

Industrial User Wastewater Survey
The IU Wastewater Survey is continually updated in Broken Arrow. All new commercial utility customers are given a one-page short survey to fill out before they can obtain water service. The surveys are then forwarded to the pretreatment office. A comprehensive IU Survey is performed every 5 years and will be performed again in 2017. No new industrial permits were added to the City of Broken Arrow Industrial Pretreatment Program as a result of the survey during this time period. All records pertaining to the survey are kept at the pretreatment office for your review.

Report on Pass Through, Upset and/or Interference
Regarding Influent and Effluent priority pollutant scans, all parameters were below both maximum allowable headworks loadings (MAHL) and Oklahoma Water Quality Criteria.

The City of Broken Arrow Lynn Lane Wastewater Treatment Plant experienced difficulties in the past year due to aging equipment and sewer infrastructure. There was a long list of maintenance issues noted on the FY 2016 DEQ compliance evaluation inspection (CEI) that were attributed to a disintegrating sewer line that allowed large quantities of dirt to enter the Lynn Lane Wastewater Treatment Plant. This had a

negative impact on the mechanical integrity as well as the treatment process. In addition to the mechanical/treatment issues, the Lynn Lane Wastewater Treatment Plant experienced un-permitted slug loadings from Blue Bell Creameries that put strain on the treatment process. The City of Broken Arrow has since repaired the sewer line and mechanical issues, and is requiring Blue Bell to take action to eliminate the possibility of any future instances of this kind.

The City of Broken Arrow has been working closely with Blue Bell for the past several years to come to an agreement about installation of pretreatment equipment at the Blue Bell facility. Blue Bell was given a corrective action plan by the City of Broken Arrow during FY 2014. Blue Bell was asked to make steps to stabilize pH fluctuations and reduce excessive BOD and TSS by March 2015. These steps were supposed to be a precursor to the pretreatment structure that Blue Bell had agreed to construct during the future facility expansion that was to begin in late 2015. As you know, Blue Bell shutdown the Broken Arrow facility in April 2015 due to a listeria outbreak. This event postponed the Blue Bell facility expansion indefinitely. The City of Broken Arrow has sufficiently provided Blue Bell time to "get back on their feet" and is now in the process of issuing a consent order.

The City of Broken Arrow drafted a consent order that has gone through legal channels at Blue Bell and City of Broken Arrow and is expected to be signed by both parties next month. The consent order requires Blue Bell to hire an engineering firm, perform a wastewater discharge characterization study, construct a pretreatment facility and come into compliance with City of Broken Arrow Wastewater Discharge permit #BA 007.

Blue Bell has hired Gresham, Smith and Partners as their engineer and is in the process of performing wastewater sampling that will help them determine pretreatment solutions. I will send you a copy of the signed consent order and milestone reports with the FY 2017 Annual Pretreatment Report.

Report on Other Administrative Activities

During the 2015-2016 pretreatment year no Industrial Users were significantly non-compliant (SNC).

Broken Arrow Powder Coating moved all operations to "Location 2" in the Haikey Creek Wastewater Treatment Basin in February 2016. The last self-monitoring report that was submitted from Location 1 was in November 2015. The City of Broken Arrow did not inspect or sample Location 1 during this pretreatment year.

The City of Broken Arrow issued a categorical/metal-finishing wastewater discharge permit to PACCAR Winch in August. PACCAR Winch submitted a Baseline Monitoring Report, Toxic Organic Management Plan and Accidental Spill Prevention Plan with their permit application. PACCAR Winch has not yet begun discharging wastewater from this process and has not submitted a quarterly self-monitoring report.

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Pollution Prevention

The City of Broken Arrow places a high value on pollution prevention. Please read the following list of activities for FY 2016:

- Broken Arrow MET Recycle Center yearly totals: Antifreeze recycled = 950 gal; Cooking oil recycled = 100 gal; Motor oil recycled = 10,740 gal
- Reasor's cooking oil recycle station yearly total = 296 gal
- 482 food handling establishment (FHE) inspections were performed. Inspections consist of: looking at manifests for grease interceptor maintenance, checking the grease interceptors for signs of proper maintenance and repair, and discussing best management practices (BMP). FHEs with maintenance issues are given 15 days to correct them. Re-checks are performed to ensure compliance.
- Grease-related sanitary sewer overflows (SSOs) are being tracked and responded to on an individual basis. Sewer system collection crews camera the line after an SSO to determine the cause and provide reports to pretreatment staff. City pretreatment staff distribute cooking oil collection bottles and recycling guidance to residents in problem neighborhoods.
- Cooking oil collection bottles and recycling guidance were given to Adult Care/Assisted Living Facilities and is continually available to residents at City Hall.
- City pretreatment staff developed a food truck, catering and concession stand database and began surveying companies operating in Broken Arrow for details about the type of cooking done and wastewater disposal sites. These businesses are being asked to discharge wash water at a facility with a grease interceptor. Special attention is given to the maintenance records at such facilities.
- A new FHE BMP was created and is being distributed at this time. The new BMP is a sign that management is being asked to display for employees to view. I have attached a copy of the BMP.
- FHEs without grease abatement equipment are being asked to install the equipment. Seven FHEs installed equipment this year.
- City pretreatment staff hosted a bottle decorating contest for 2nd graders in Broken Arrow Public Schools. Students were given cooking oil collection bottles to decorate and take home along with recycling information. The winners were given Toys R Us gift cards.
- City pretreatment staff hosted a Kid's Corner booth at the Earth Day event at the Broken Arrow Farmer's Market. Kids spent the day coloring a book with water conservation, recycling, and fats, oil & grease pollution prevention facts.
- City pretreatment staff made a presentation at the annual Homeowner's Association Workshop about FOG Pollution Prevention and the importance of recycling used cooking oil.
- City pretreatment staff hosted another Kid's corner booth at the Broken Arrow Farmer's Market. Kids were given cooking oil collection bottles to decorate and

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take home to use in their own kitchen. They were also given recycling information.

- City pretreatment staff developed an auto shop database, survey, and BMP. Inspections consist of going over best management practices and checking hazardous/waste manifests. I have attached a copy of the BMP.

This concludes the summary; the Annual Report is to follow. Thank you for your support. If you have any questions, please contact me at (918) 455-4762 lwilson@brokenarrowok.gov .

Sincerely,

Lauren Wilson

Lauren Wilson
Pretreatment Coordinator
City of Broken Arrow

Enclosures: FHE BMP
Auto Shop BMP

cc: Michael Spurgeon, City Manager
Kenneth Schwab, Assistant City Manager of Operations
Anthony Daniel, Utilities Director
David Handy, Wastewater Treatment Plant Manager

City of Broken Arrow

Food Handling Establishment

Best Management Practices

This guide has been written for food-handling establishments in Broken Arrow. It contains procedures for reducing the amount of Fat, Oil, & Grease (FOG) in wastewater discharged from food-handling restaurants, schools, cafeterias, retirement homes, bars, hospitals and other related food-handling businesses (i.e. any business requiring a food-handling license from the Tulsa or Wagoner County Health Department).

For more information call the City of Broken Arrow Pretreatment Coordinator at (918) 455-4762

Food handling establishments should perform the following practices and procedures in order to comply with City of Broken Arrow Municipal Code Sections 24-503; 511(g).

Facility Cleaning and Maintenance

1. Minimize the usage of soaps and degreasers.
2. Recycle waste cooking oil and other grease products. Never pour these substances down any drains.
3. Establish a schedule for collecting and cleaning grease-laden areas (e.g. fryers, vents, grills, etc.)
4. Dry wipe/scrape plates, trays, cooking utensils, pots and pans before washing. Scrapings are to be placed in trash receptacles.
5. Clean up spills immediately.
6. Dry sweep floors prior to washing and mopping. Place sweepings in trash receptacles.

Grease Interceptor Maintenance

Grease interceptors are to be pumped and cleaned as follows:

1. On a schedule that ensures proper maintance. At least Quarterly.
2. The clear liquid contents of the interceptor, as measured by a sludge judge, is less than or equal to 75% of the interceptor's capacity (25% grease and solids combined or greater), or
3. A sample collected immediately downstream of the interceptor indicates the presence of visible FOG or solid material(s), or
4. The analytical results of a sample taken immediately downstream of the interceptor indicates an O&G concentration of more than 100 mg/L

Record Keeping

1. Maintain a log of the inspections and maintenance activities performed.
2. Maintain a readily available file that also contains copies of manifests received from grease haulers.
3. Material Safety Data Sheets for all chemicals, soaps, cleaners and biological products used at the facility are to be maintained at the facility in an organized and accessible manner.
4. All records of activities required by this BMP (inspection and maintenance logs and manifests) are to be kept at the facility for a minimum of three years and shall be readily available for review by representatives of the City of Broken Arrow.

Pollution Prevention Best Management Practices
for

AUTOMOTIVE SHOPS

Keep Broken Arrow Beautiful!

The City of Broken Arrow prohibits the discharge of harmful pollutants into the stormwater and sanitary sewer systems. The following best management practices are recommended for all automotive shops within Broken Arrow city limits and/or contributing to the Broken Arrow sanitary sewer system. These practices will help to ensure that pollutants such as motor oil, antifreeze, fuel, etc. do not enter the City of Broken Arrow stormwater and sanitary sewer systems.

Operate a Clean, Dry Shop
- Sweep or vacuum the shop floor frequently.
- Designate specific areas indoors for parts cleaning.
- Cleanup any spill promptly.
- Make sure rags, damp mops, absorbents, and other cleanup supplies are readily accessible to all work areas.
- Never sweep or flush wastes into a sanitary sewer or storm drain.

Prevent Spills and Leaks
- Drain fluids from leaking or wrecked vehicles as soon as possible. Use drip pans and plastic tarps.
- Promptly transfer drained fluids to a designated waste storage area.
- Place bulk fluids, waste fluids, and batteries in secondary containment to capture accidental spills and leaks.
- ***Contact City of Broken Arrow immediately if any spills occur. For stormwater spills call (918) 259-7000. For spills entering the sanitary sewer system, call (918) 455-4762. For after hours spills, call (918) 259-8400.***

Practice Waste Reduction and Recycling
- Recycle automotive fluids, solvents, cleaners, absorbents, and wash waters when the useful life is finished.
- Mix only the amount of paint needed for the job.
- Use self-contained sinks and tanks when cleaning with solvents.
- Reuse water when flushing and testing radiators.
- Automotive fluids are NOT acceptable for disposal to the sanitary sewer, storm drain, or garbage. Manifests must be kept available for 3 years for the offsite disposal of such substances.

Properly Manage Shop Wastewaters
- Wastewaters must be discharged through an oil/water separator before entering the sanitary sewer system. Examples include: wastewaters from controlling overspray or dust in the paint booth, degreaser washoff, wet sanding, radiator flushing, floor washdown, mop water, and other production uses.
- Maintenance records and pumping manifests for separator shall be made available for inspection for 3 years.

Protect Outdoor Work Storage Areas
- If work or materials storage must be done outdoors, prevent potential pollution of rain and runoff by covering and/or berming work areas.

Properly Manage Vehicle Washwaters
- Soapy or oily vehicle washwaters must not be discharged to the City of Broken Arrow stormwater system. These wastes may be collected for off-site disposal or filtered through an oil/water separator before discharge to the sanitary sewer system.
- Minimize use of cleaners, degreasers, and soaps.

Properly Manage Raw and Waste Materials
- Follow all hazardous materials and hazardous waste storage and disposal requirements.
- Hazardous waste shall not be discharged to the stormwater or sanitary sewer systems.
- Oil or solvent-saturated absorbent must be managed as a hazardous waste.
- Make sure solid waste containers are in good condition and secured against wind, leakage, or vandalism.
- ***Contact City of Broken Arrow immediately if any spills occur. For stormwater spills call (918) 259-7000 ext. 5434. For spills entering the sanitary sewer system, call (918) 455-4762. For after hours spills, call (918) 259-8400.***

Label and Inspect Storm Drain Inlets
- Label storm drain inlets on your property to alert employees and customers that no dumping of wastewaters or tainted washwater is allowed.
- Prevent accumulated pollutants from washing down storm drains on your property by inspecting drains on premises frequently.
- Sweep or vacuum work areas and parking lots regularly.
- Remove debris and dispose of it in the trash.
- Spot clean areas to avoid runoff. Avoid using blowers which only displace residues.

Notify and Train Employees to Practice Pollution Prevention
- Post this sign in an area seen by all employees and train employees on the use of these practices.
- Train employees on the separation, storage, and recycle of wastes.

City of Broken Arrow
Pretreatment Program: (918) 455-4762
Stormwater Management: (918) 259-7000 ext. 5434

ANNUAL REPORT TO THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

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INDUSTRIAL PRETREATMENT PROGRAM FOR: THE CITY OF BROKEN ARROW, OKLAHOMA LYNN LANE WASTEWATER TREATMENT PLANT
NPDES PERMIT NUMBER OK 0040053
OCTOBER 1, 2015 THROUGH SEPTEMBER 30, 2016

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THE CITY OF BROKEN ARROW
LYNN LANE WASTEWATER TREATMENT PLANT
INDUSTRIAL PRETREATMENT PROGRAM

CERTIFICATION STATEMENT

"I hereby 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."

The City of Broken Arrow	Oct. 1, 2015 to Sep. 30, 2016
Control Authority	Report Date
Anthony Daniel	Director of Utilities
Name of Responsible Official	Title

Signature

SECTION 1:

PRETREATMENT PERFORMANCE SUMMARY

PRETREATMENT PERFORMANCE SUMMARY (PPS)

I. General Information

City of Broken Arrow, Lynn Lane Wastewater Treatment Plant

Control Authority Name

13874 S. 177th E. Ave.

Address

Broken Arrow, OK 74011

City, State, Zip

Lauren Wilson, Pretreatment Coordinator, City of Broken Arrow

Contact Person, Position

(918) 455-4762

(Area Code) Contact Telephone

OK0040053

OPDES Permit Number(s)

Begin Date: 10/1/15 End Date: 9/30/16

Reporting Period

II. Significant Industrial User Compliance

Record the Number of SIU Who:		SIGNIFICANT INDUSTRIAL USERS Categorical	Non-categorical
1.	a. Submitted a BMR	1	N/A
	b. Were Required to Submit a BMR	1	N/A
2.	a. Submitted a 90-Day Compliance Report	0	N/A
	b. Were Required to Submit a 90-Day Report	0	N/A
3.	a. Submitted Required Self-Monitoring Reports	3	3
	b. Were Required to Submit Self-Monitoring Reports	3	3
4.	a. Met a Compliance Schedule	0	0
	b. Were Required to Meet a Compliance Schedule	0	0
5.	a. Were in Significant Noncompliance (SNC)	0	0
Additional Information:			
6.	Total Number of SIU	4	3
7.	Rate of SNC for all SIU (categorical & non-categorical)		0 %

PRETREATMENT PERFORMANCE SUMMARY (PPS)

III. Compliance Monitoring Program

Record the Number of:		SIGNIFICANT INDUSTRIAL USERS Categorical	Non-categorical
I.	a. Issued Control Documents	1	1
	b. Required Control Documents	1	1
2.	a. Facilities Inspected	4	3
	b. Inspections Conducted	5	3
3.	a. Facilities Sampled	4	2
	b. Samplings Conducted	10	89

IV. Enforcement Actions

Record the Number of:		SIGNIFICANT INDUSTRIAL USERS Categorical	Non-categorical
1.	a. Compliance Schedules Issued	0	0
	b. Compliance Schedules Required	0	0
2.	Notices of Violation (NOV) Issued	0	0
3.	Administrative Orders (AO) Issued	0	0
4.	Civil Suits Filed	0	0
5.	Criminal Suits Filed	0	0
6.	Significant Violators Published	0	0
7.	SIU that were Assessed Penalties	0	0
8.	Dollars of Penalties Collected	$ 0	$ 0
9.	Other Actions (sewer bans, etc.)	0	0

SECTION 2:

SIGNIFICANT INDUSTRIAL USERS

PRETREATMENT PROGRAM STATUS REPORT
Updated Significant Industrial User List

SIGNIFICANT INDUSTRIAL USER (SIU) NAME AND ADDRESS	SIC CODE	CATEGORICAL/ NONCATEGORICAL	CONTROL DOCUMENT		ADDED/ DELETED (A, D, N/A)	NUMBER of TIMES SAMPLED		NUMBER of TIMES INSPECTED	COMPLIANCE STATUS (C, NC, SNC, N/A)			
									REPORTS			
			Y/N	Last Action		City	SIU		BMR	90-Day Compliance	Self-Monitoring	EFFLUENT LIMITS
BFI/Broken Arrow Landfill 1225 N. 161 E Ave.	3662	NONCATEGORICAL	Y	11/1/2013	N/A	1	4	1	N/A	N/A	C	C
Blue Bell Creameries 8201 E. HWY 51	2024	NONCATEGORICAL	Y	11/4/2012	N/A	1	83	1	N/A	N/A	C	NC
Russelectric 1215 E. Houston	3613	CATEGORICAL	Y	11/4/2012	N/A	1	4	1	N/A	N/A	C	C
Broken Arrow Powder Coatings 809 N. 16th	3479	CATEGORICAL	Y	6/1/2013	N/A	0	1	0	N/A	N/A	C	C
Flight Safety International 700 N. 9th St.	3444	CATEGORICAL	Y	6/16/2013	N/A	1	4	1	N/A	N/A	C	C
Gruv-N-Gasket 705 S. 12th St.	7699	NONCATEGORICAL	Y	4/9/2016	N/A	0	0	1	N/A	N/A	N/A	N/A
PACCAR Winch	3531	CATEGORICAL	Y	08/26/16	A	0	1	2	Y	N/A	N/A	N/A

Additional Notes: Broken Arrow Powder Coatings moved all operation to Location 2 in the Haikey Creek Basin on 2/9/16.
Gruv-N-Gasket has a zero-discharge permit, no monitoring required.
PACCAR Winch has not begun discharging process wastewater yet, so no copmpliance monitoring was performed.

SECTION 3:

NON-COMPLIANT INDUSTRIAL USERS

NONCOMPLIANT USERS
Enforcement Actions Taken

INDUSTRIAL USER (IU) NAME AND ADDRESS	NATURE of VIOLATION			NUMBER of ACTIONS TAKEN					PENALTIES COLLECTED	CURRENT STATUS (C, NC, SNC)	COMPLIANCE SCHEDULE	
	Detected during inspection	Reports	Limits	NOV	AO	Civil	Criminal	Other			Date Issued	Completion Date
Blue Bell Creameries			X					X	$0	NC		

Additional Notes: *City of Broken Arrow has drafted a consent order for Blue Bell which will be signed next month. Consent Order requires Blue Bell to hire an engineering firm, perform a wastewater characterization study, use results to choose a method of pretreatment, construct a pretreatment facility, and come into permit compliance. Consent Order will give Blue Bell one year to complete milestones. City of Broken Arrow will include the Consent Order and milestone reports with the FY 2017 Annual Pretreatment Report to DEQ.*

SECTION 4:

SIGNIFICANTLY NON-COMPLIANT INDUSTRIAL USERS

SIGNIFICANTLY NONCOMPLIANT USERS
Enforcement Actions Taken

INDUSTRIAL USER (IU) NAME AND ADDRESS	NATURE of VIOLATION		NUMBER of ACTIONS TAKEN					PENALTIES COLLECTED	CURRENT STATUS (C, NC, SNC)	COMPLIANCE SCHEDULE	
	Reports	Limits	NOV	AO	Civil	Criminal	Other			Date Issued	Completion Date
None											

Additional Notes:

SECTION 5:

NEWSPAPER PUBLICATION OF SIGNIFICANTLY NON-COMPLIANT INDUSTRIAL USERS

No Industrial users in the City of Broken Arrow, Lynn Lane Wastewater Treatment Plant Basin were published in the newspaper for significant non-compliance for the October 2015 to September 2016 pretreatment year.

SECTION 6:

COMPLIANCE SCHEDULES

No Industrial users in the City of Broken Arrow, Lynn Lane Wastewater Treatment Plant Basin were put on a compliance schedule for the October 2015 to September 2016 pretreatment year.

City of Broken Arrow drafted a consent order for Blue Bell Creameries which should be signed by both parties next month. The consent order requires Blue Bell to hire an engineering firm, perform a wastewater characterization study, use the results to choose a form of pretreatment, construct a pretreatment facility and come into permit compliance. The signed consent order and milestone reports will be submitted with the FY 2017 Annual Pretreatment Report to DEQ.

SECTION 7:

LYNN LANE WASTEWATER TREATMENT PLANT

WATER QUALITY BASED EFFLUENT CONCENTRATIONS

POTW MONITORING RESULTS SUMMARY TABLE

October 1, 2015 to September 30, 2016

The City of Broken Arrow- Lynn Lane WWTP

TABLE III: METALS CYANIDE PHENOLS + Molybdenum	MQL (mg/l)	MDL Used (mg/l)	INFLUENT (mg/l) Sample Dates				EFFLUENT (mg/l) Sample Dates				OKLIMIT (mg/l)	MAHL (TBLL) LB/DAY	HEADWORK LOADING FOR THE REPORTING PERIOD, LB/DAY Sample Dates				Average	% of MAHL
			12/14/15	3/8/16	6/14/16	9/13/16	12/15/15	3/9/16	6/15/16	9/14/16			12/15/15	3/9/16	6/15/16	9/13/16		
Flow, mgd			**8.183**	**4.770**	**4.200**	**3.654**	**6.397**	**7.173**	**4.098**	**4.016**								
Antimony	0.06	0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	N/A	N/A	0.341	0.199	0.398	0.152	0.231	N/A
Arsenic	0.01	0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.454	5.42	0.171	0.099	0.199	0.076	0.115	2.1%
Beryllium	0.005	0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	N/A	N/A	0.341	0.199	0.398	0.152	0.231	N/A
Cadmium	0.001	0.001	< 0.00100	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0979	6	0.034	0.020	0.040	0.015	0.023	0.4%
Chromium	0.01	0.01	0.0128	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	2.025	54.21	0.874	0.199	0.398	0.152	0.408	0.8%
Copper	0.01	0.01	0.0969	0.146	0.127	0.106	< 0.01	0.0392	< 0.01	< 0.01	0.3242	19.57	6.613	5.808	5.052	3.230	5.217	26.7%
Lead	0.005	0.005	0.0119	0.00536	< 0.00500	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.439	5.42	0.812	0.213	0.199	0.076	0.367	6.8%
Mercury	0.0002	0.0002	< 0.00010	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.00010	< 0.0001	< 0.0001	0.0164	0.229	0.003	0.002	0.004	0.002	0.002	1.0%
Molybdenum	0.03	0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	N/A	N/A	0.341	0.199	0.398	0.152	0.231	N/A
Nickel	0.04	0.01	0.0117	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	14.421	54.21	0.798	0.199	0.398	0.152	0.383	0.7%
Selenium	0.005	0.005	< 0.005	< 0.00500	< 0.005	< 0.005	< 0.00500	< 0.005	< 0.005	< 0.005	0.136	N/A	0.171	0.099	0.199	0.076	0.115	N/A
Silver	0.002	0.001	< 0.00200	< 0.00200	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.145	13.55	0.068	0.040	0.080	0.030	0.046	0.3%
Thallium	0.01	0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	6.768	N/A	0.341	0.199	0.398	0.152	0.231	N/A
Zinc	0.02	0.01	0.31	0.17400	0.133	0.124	0.0168	0.0531	0.0344	0.0352	1.804	16.26	21.156	6.922	5.291	3.779	10.619	65.3%
Cyanide	0.01	0.01	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	0.3131	5.42	0.205	0.119	0.239	0.091	0.139	2.6%
Total Phenols	0.01	0.0250	0.05	0.039	0.091	0.267	< 0.025	< 0.025	< 0.025	< 0.025	N/A	N/A	3.412	1.551	3.620	8.137	4.367	N/A

OTHER POLLUTANTS DETECTED (TABLE II)	MQL (ug/l)	MDL (ug/l)	INFLUENT (ug/l) Sample Dates				EFFLUENT (ug/l) Sample Dates				OKLIMIT (ug/l)	MAHL (TBLL) LB/DAY	HEADWORK LOADING FOR THE REPORTING PERIOD, LB/DAY Sample Dates				Average	% of MAHL
				3/8/16		9/13/16		3/9/16		9/14/16				3/9/16		9/13/16		
2,4-D	5	0.2						0.42000						0.000		0.00000	0.000	#DIV/0!
3,5-Dichlorobenzoic acid	5	0.2				0.0002				0.0002				0.000		0.00609		

Note: Influent and effluent samples should be collected considering flow detention time through the POTW

Note: Results that are below detection levels have been calculated at 1/2 the value

Note: Table II Parameters are only shown when above MDL

BDL Not detected above MDL

MDL Method Detection Limit

MQL EPA Region 6 Minimum Quantification Level (Analytical MDL should meet this criteria so that data can be used for Local Limit assessments and OPDES application data