



2019

INDUSTRIAL PRETREATMENT ANNUAL REPORT

Phoenix
Scottsdale
Tempe
Gilbert
Glendale
Mesa

ARIZONA





City of Phoenix
 WATER SERVICES DEPARTMENT
 ENVIRONMENTAL SERVICES DIVISION
 Quality Reliability Value

HAND DELIVERED:

February 27, 2020

Date: _____

Received by: _____
 Printed Name

Signature: _____
 Signed Name

Isaiah Ortiz
 Water Quality Utility Field Service Unit
 Arizona Department of Environmental Quality
 1110 West Washington Street Mail Code: 5415B-1
 Phoenix, Arizona 85007-2952

Dear Mr. Ortiz:

Re: **AZPDES Permit AZ0020559 – 23rd Avenue Wastewater Treatment Plant**
NPDES Permit AZ0020524 – 91st Avenue Wastewater Treatment Plant
Industrial Pretreatment Programs Annual Report

We are pleased to submit the Industrial Pretreatment Annual Report (Report) for the 23rd Avenue and 91 •1 Avenue Wastewater Treatment Plants. Once again we are submitting a consolidated Report for both plants. The Report covers the reporting period beginning on January 1, 2019 and ending on December 31, 2019 and includes information required by the National Pollutant Discharge Elimination System Permit, effective October 4, 2016; and the Arizona Pollutant Discharge Elimination System Permits, effective August 5, 2019. In addition to the City of Phoenix, this Report also includes Significant Industrial User compliance information from the Cities of Glendale, Mesa, Scottsdale, Tempe, and the Town of Gilbert.

Sincerely,


 SK Kathryn Sorensen
 Water Services Department Director

Enclosure

- c: Amelia Whitson, EPA
- Edward Meza, Town of Gilbert
- David Nigh, City of Glendale
- Gene Gonzales, City of Mesa
- Krystal Heyer, City of Scottsdale

- Richard Dalton, City of Tempe
- Linda Palumbo, City of Phoenix
- Stephen Wetherell, City of Phoenix
- Jesse D. Flores, City of Phoenix
- Chelsey Weaver, City of Phoenix

PRETREATMENT PROGRAM ANNUAL REPORT

For the Year Ending December 31, 2019

for the

23rd Avenue Wastewater Treatment Plant

(AZPDES Permit № AZ0020559)

the

91st Avenue Wastewater Treatment Plant

(NPDES Permit № AZ0020524)

PHOENIX, ARIZONA

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SECTION 1.1

WWTPs & SROG

Introduction

The Sub-Regional Operating Group (SROG)



The Sub-Regional Operating Group, or SROG, was formed in 1979 pursuant to a joint exercise of powers agreement (SROG Agreement) between the Cities of Glendale, Mesa, Phoenix, Scottsdale, Tempe, and the Towns of Gilbert and Youngtown to jointly own and operate the 23rd and 91st Avenue Wastewater Treatment Plants (WWTP) and their interceptor systems. The 23rd Avenue WWTP was part of the SROG system until it was removed in 1983 through an amendment to the SROG Agreement and currently services only the City of Phoenix. Gilbert sold its purchased capacity in the system to Mesa in 1981 and Youngtown sold its purchased capacity in the system to Phoenix in 1995. Physical changes to the system were completed in late 1995. With these changes there are now five current SROG members.

The SROG system currently consists of the 91st Avenue WWTP, Salt River Outfall (SRO) Interceptor, the Southern Avenue Interceptor (SAI), and the 99th Avenue Interceptor.

Intergovernmental agreements exist between SROG members and non-SROG jurisdictions which allow third parties to discharge to the SROG system. Agreements exist between the following jurisdictions:

- City of Phoenix - City of Mesa - Town of Gilbert
- City of Phoenix - City of Scottsdale - Town of Paradise Valley
- City of Phoenix - City of Tempe - Town of Guadalupe

In addition to the sewer service agreements above, the Cities of Glendale, Peoria, Phoenix, and Tolleson jointly own and operate the 99th Avenue Interceptor, a major trunk sewer in the west Valley serving both the 91st Avenue and Tolleson WWTPs.

Each of these agreements contains requirements for all parties to implement appropriate Industrial Pretreatment Programs within their own jurisdictions. This annual report summarizes the activities of the pretreatment programs for the Cities of Glendale, Mesa, Phoenix, Scottsdale, Tempe, and the Town of Gilbert.

91st Avenue Wastewater Treatment Plant

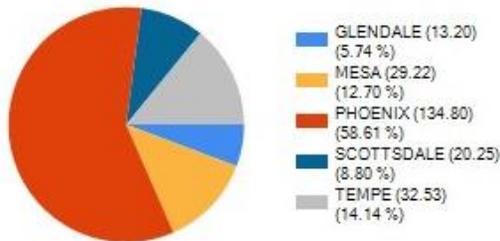
The original 91st Avenue WWTP, a 5 million gallon per day (mgd) cooperative venture between Glendale and Phoenix, was built in 1958. This plant was later replaced with a 45 mgd plant which was subsequently expanded in 1969, 1976, 1984, 1989, and 2009. Upon completion of the most recent expansion in 2010, the plant has a certified treatment capacity of 230 mgd, and receives an average daily flow of 133.23 million gallons.



SROG City Allocations into 91st Avenue WWTP			
City	Flow (mgd)	COD (lbs/day)	TSS (lbs/day)
Glendale	13.20	114,000	63,000
Mesa	29.22	168,000	90,000
Phoenix	134.80	708,000	356,000
Scottsdale	20.25	123,000	93,000
Tempe	32.53	233,000	96,000
SROG	230.00	1,346,000	698,000

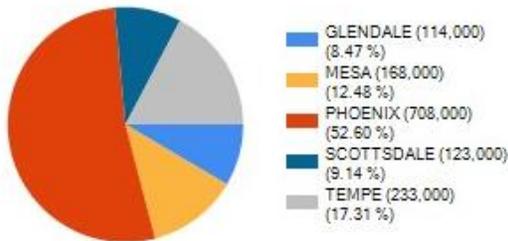
Purchased Capacity

Flow (MGD)



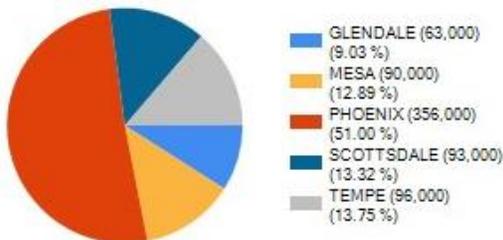
Purchased Capacity vs Monthly Flows

COD Loading (lbs/day)



View Current Loadings

TSS Loading (lbs/day)



Tres Rios Ecosystem Restoration and Flood Control Project

The 91st Avenue WWTP delivers treated wastewater to the Tres Rios Flow Regulating Wetlands. The wetland complex removes additional nutrients and metals from the treated water. Reclaimed water from the plant is also currently delivered, via the Salt and Gila rivers, to the Buckeye Irrigation Company (BIC) for agricultural use, and via pipeline to Arizona Public Service's Palo Verde Nuclear Generating Station which uses this water for cooling purposes. The 91st Avenue WWTP consistently meets all environmental standards.

In 1994, as part of a research project to determine if wetlands could polish effluent from the 91st Avenue WWTP. Phoenix, in cooperation with SROG and the U.S. Bureau of Reclamation, created the Tres Rios Constructed Wetlands Demonstration Project. A secondary goal of the project was to restore the riparian habitat for wildlife along the Salt River. Because of the success achieved with the demonstration wetlands, a full scale, 200+ acre wetland system was designed. Construction was completed with steady wastewater flow introduced in the spring of 2010. The full scale Tres Rios Ecosystem Restoration and Flood Control Project, which was 65% funded by the US Army Corp of Engineers and 35% funded by SROG, improved and enhanced a 7-mile long, 1500-acre section of the Salt and Gila Rivers in southwestern Phoenix. Currently portions of the constructed wetlands are open for passive recreational uses, such as bird watching, hiking, and horseback riding.

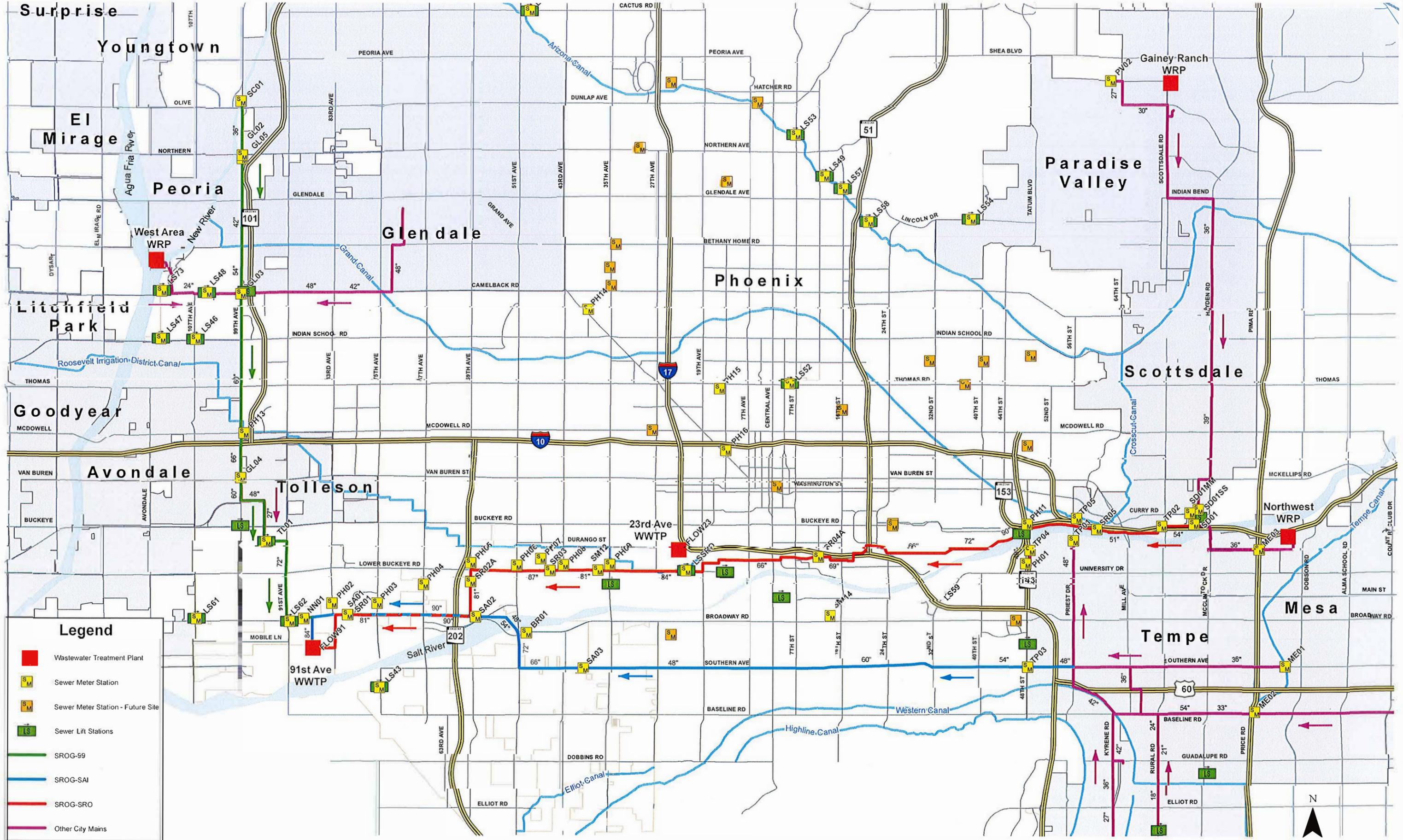
For more information regarding Tres Rios please visit <https://www.phoenix.gov/waterservices/tresrios/wetlandsinfo>.

23rd Avenue Wastewater Treatment Plant

The original 10 mgd 23rd Avenue WWTP, built in 1932, was expanded in 1946, 1962, and 1994. The plant was recertified following headworks modification and influent line reconstruction from 1994 to 1996, and currently has a treatment capacity of 63 mgd. 23rd Avenue WWTP currently receives an average daily flow of 33.53 million gallons. Approximately 10 mgd of flow is diverted to the 91st Avenue WWTP. Reclaimed water from the 23rd Avenue WWTP is delivered to the Roosevelt Irrigation District (RID) for non-food crop irrigation.



1947 Construction of Clarifier at 23rd Avenue WWTP



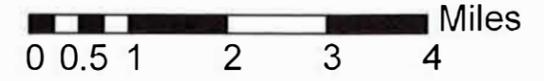
Legend

- Wastewater Treatment Plant
- S M Sewer Meter Station
- S M Sewer Meter Station - Future Site
- LS Sewer Lift Stations
- SROG-99
- SROG-SAI
- SROG-SRO
- Other City Mains

Created on Date 01-06-2020
 Data Source COP Enterprise GIS

Created by: JDean2
 File Location I:\Users\JDean2\SROG Lines\SROG System Map 2020.mxd
 Note: Protected Critical Infrastructure Information and Exempt from Public Disclosure

WWTPs and Multi-City Joint Sewage Transmission Lines



Summary of Priority Pollutant Results

23rd Avenue Wastewater Treatment Plant
91st Avenue Wastewater Treatment Plant

Part III Section F.4.a. of the 91st Avenue WWTP NPDES Permit and Part V Section A.4.b. of the 23rd Avenue WWTP AZPDES Permit require the following to be included within this annual report:

A summary of analytical results from representative, flow proportioned, 24-hour composite sampling of the POTW's influent and effluent for those pollutants identified under CWA section 307(a) which are known or suspected to be discharged by nondomestic users. This will consist of an annual full priority pollutant scan, with quarterly samples analyzed only for those pollutants detected in the full scan. Influent or effluent monitoring data shall be provided for nonpriority pollutants which the Cities believe may be causing or contributing to Interferences or Pass Through. All sampling and analysis required under this paragraph must be performed using the test methods specified under 40 CFR 136. Sampling and analysis for asbestos is not required. Sludge sampling and analyses are covered elsewhere in this permit.

As required, a summary of analytical results for influent, effluent, and biosolids samples collected from the 23rd and 91st Avenue Wastewater Treatment Plants are presented in the following pages.

23rd Ave. Priority Pollutants

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
1,1,1-Trichloroethane					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,1,2,2-Tetrachloroethane					
Influent	4	4	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,1,2-Trichloroethane					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,1-Dichloroethane					
Influent	4	4	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,1-Dichloroethylene					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,2,4-Trichlorobenzene					
Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	2	2	All Non-Detect		mg/kg Dry Wt
1,2-Dichlorobenzene					
Influent	13	13	All Non-Detect		µg/L
Effluent	7	7	All Non-Detect		µg/L
Biosolids	2	2	All Non-Detect		mg/kg Dry Wt
1,2-Dichloroethane					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,2-Dichloropropane					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L

23rd Ave. Priority Pollutants

Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,2-Diphenylhydrazine					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,2-Trans-dichloroethylene (Trans-1,2-Dichloroethene)					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,3-Dichlorobenzene					
Influent	13	13	All Non-Detect		µg/L
Effluent	6	6	All Non-Detect		µg/L
Biosolids	2	2	All Non-Detect		mg/kg Dry Wt
1,3-Dichloropropylene (cis/trans-1,3-Dichloropropene)					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,4-Dichlorobenzene					
Influent	13	3	8.95	1.1	µg/L
Effluent	7	7	All Non-Detect		µg/L
Biosolids	2	2	All Non-Detect		mg/kg Dry Wt
2,3,7,8-TCDD (Dioxin)					
Influent	2	2	All Non-Detect		pg/L
Effluent	1	1	All Non-Detect		pg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
2,4,6-Trichlorophenol					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
2,4-Dichlorophenol					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
2,4-Dimethylphenol					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

23rd Ave. Priority Pollutants

2,4-Dinitrophenol

Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

2,4-Dinitrotoluene

Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

2,6-Dinitrotoluene

Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

2-Chloroethyl vinyl ethers

Influent	1	1	All Non-Detect	µg/L
Effluent	1	1	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

2-Chloronaphthalene

Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

2-Chlorophenol

Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

2-Nitrophenol

Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

3,3-Dichlorobenzidine

Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

4,4-DDD

Influent	11	11	All Non-Detect	µg/L
Effluent	5	5	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

4,4-DDE

Influent	11	11	All Non-Detect	µg/L
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23rd Ave. Priority Pollutants

Effluent	5	5	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt
4,4-DDT				
Influent	11	11	All Non-Detect	µg/L
Effluent	5	5	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt
4,6-Dinitro-o-cresol (2-Methyl-4,6-dinitrophenol)				
Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt
4-Bromophenyl phenyl ether				
Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt
4-Chlorophenyl phenyl ether				
Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt
4-Nitrophenol				
Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt
Acenaphthene				
Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt
Acenaphthylene				
Influent	11	11	All Non-Detect	µg/L
Effluent	3	3	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt
Acrolein				
Influent	1	1	All Non-Detect	µg/L
Effluent	1	1	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt
Acrylonitrile				
Influent	1	1	All Non-Detect	µg/L
Effluent	1	1	All Non-Detect	µg/L
Biosolids	1	1	All Non-Detect	mg/kg Dry Wt

23rd Ave. Priority Pollutants

Aldrin

Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Alpha-BHC*

Influent	11	2	0.0431	0.035	µg/L
Effluent	2	2	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Alpha-endosulfan (Endosulfan I)

Influent	11	9	0.027	0.094	ug/L
Effluent	4	1	0.022	0.052	ug/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Anthracene

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Antimony

Influent	11	0	0.00086	0.00410	mg/L
Effluent	4	0	0.00056	0.00063	mg/L
Biosolids	6	5	2.0	2.9	mg/kg Dry Wt

Arsenic

Influent	11	0	0.0021	0.0055	mg/L
Effluent	4	0	0.0008	0.0011	mg/L
Biosolids	6	0	8.6	26.2	mg/kg Dry Wt

Benzene

Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Benzidine

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Benzo(a) anthracene

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Benzo(a)pyrene

23rd Ave. Priority Pollutants

Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Benzo(b) fluoranthene					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Benzo(ghi) perylene					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Benzo(k) fluoranthene					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Beryllium					
Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	6	1	0.52	0.011	mg/kg Dry Wt
Beta-BHC					
Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Beta-endosulfan (Endosulfan II)					
Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Bis(2-chloroethoxy) methane					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Bis(2-chloroethyl) ether					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Bis(2-chloroisopropyl) ether					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L

23rd Ave. Priority Pollutants

Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Bis(2-ethylhexyl) phthalate					
Influent	11	4	38.7	89.8	µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Boron (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	11	0	0.2800	0.3180	mg/L
Effluent	1	0	0.2700	0.302	mg/L
Biosolids	0	0	All Non-Detect		mg/kg Dry Wt
Bromoform					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Bromomethane					
Influent	4	4	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Butyl benzyl phthalate					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Cadmium					
Influent	12	7	0.0016	0.0151	mg/L
Effluent	4	4			mg/L
Biosolids	6	4	7.75	31.80	mg/kg Dry Wt
Carbon tetrachloride					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Chlordane					
Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Chlorobenzene					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

23rd Ave. Priority Pollutants

Bromodichloromethane

Influent	4	2	0.71	0.9	µg/L
Effluent	5	0	10.2	13	µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Chloroethane

Influent	4	4	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Chloroform

Influent	4	0	8.0	10.0	µg/L
Effluent	5	0	15.80	20	µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Chromium

Influent	11	0	0.0077	0.0124	mg/L
Effluent	4	0	0.001	0.0019	mg/L
Biosolids	6	0	59.1	69.8	mg/kg Dry Wt

Chrysene

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Copper

Influent	11	0	0.130	0.243	mg/L
Effluent	4	4			mg/L
Biosolids	6	0	834	1070	mg/kg Dry Wt

Cyanide, Total (Cyanide samples are discrete samples)

Influent	1	1	All Non-Detect		mg/L
Effluent	1	1	All Non-Detect		mg/L
Biosolids	6	3	6.16	13	mg/kg Dry Wt

Delta-BHC

Influent	11	2	0.039	0.091	µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Dibenzo(a,h) anthracene

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Dibromochloromethane

Influent	4	4			µg/L
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Effluent	5	0	3.94	6.3	µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Dieldrin					
Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Diethyl phthalate					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Dimethyl phthalate					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Di-n-butyl phthalate					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Di-n-octyl phthalate					
Influent	11	2	34.6	124	µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Endosulfan sulfate					
Influent	11	10	0.015	0.029	µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Endrin					
Influent	11	11	All Non-Detect		µg/L
Effluent	6	6	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Endrin aldehyde					
Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Ethylbenzene					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

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Fluoranthene

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Fluorene

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Fluoride (Non Priority Pollutant studied for Local Limits Monitoring)

Influent	11	0	0.8400	1.0000	mg/L
Effluent	1	0	0.7700	0.77	mg/L
Biosolids	0	0	All Non-Detect		mg/kg Dry Wt

Gamma-BHC

Influent	11	11	All Non-Detect		µg/L
Effluent	6	5	0.01	0.014	µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Heptachlor

Influent	11	2	0.11	0.72	µg/L
Effluent	6	6	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Heptachlor epoxide

Influent	11	10	0.019	0.092	µg/L
Effluent	6	6	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Hexachlorobenzene

Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Hexachlorobutadiene

Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Hexachlorocyclopentadiene

Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

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Hexachloroethane

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Indeno (1,2,3-cd) pyrene

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Isophorone

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Lead

Influent	11	0	0.0096	0.0428	mg/L
Effluent	4	0	0.0004	0.00069	mg/L
Biosolids	6	2	43.8	70.2	mg/kg Dry Wt

Mercury

Influent	11	2	0.00011	0.00025	mg/L
Effluent	4	3	0.000031	.00006	mg/L
Biosolids	4	0	1.24	1.56	mg/kg Dry Wt

Methyl bromide (Bromomethane)

Influent	4	4	All Non-Detect		mg/L
Effluent	4	4	All Non-Detect		mg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Methyl chloride (Chloromethane)

Influent	4	4	All Non-Detect		mg/L
Effluent	4	4	All Non-Detect		mg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Methylene chloride (Dichloromethane)

Influent	4	0	4.203	13	mg/L
Effluent	5	3	0.58	1.4	mg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Molybdenum (Non Priority Pollutant studied for Local Limits Monitoring)

Influent	12	0	0.0080	0.0115	mg/L
Effluent	4	0	0.0053	0.0074	mg/L
Biosolids	6	1	16.9	27.6	mg/kg Dry Wt

Naphthalene

Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L

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Biosolids	2	2	All Non-Detect		mg/kg Dry Wt
Nickel					
Influent	11	0	0.009	0.017	mg/L
Effluent	4	1	0.003	0.005	mg/L
Biosolids	6	1	31.6	43.1	mg/kg Dry Wt
Nitrobenzene					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
N-nitrosodimethylamine					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
N-nitrosodi-n-propylamine					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
N-nitrosodiphenylamine					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Parachlorometa cresol (4-Chloro-3-methylphenol)					
Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
PCB-1016 (Arochlor 1016)					
Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
PCB-1221 (Arochlor 1221)					
Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
PCB-1232 (Arochlor 1232)					
Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

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PCB–1242 (Arochlor 1242)

Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

PCB–1248 (Arochlor 1248)

Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

PCB–1254 (Arochlor 1254)

Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

PCB–1260 (Arochlor 1260)

Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Pentachlorophenol

Influent	11	11	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Phenanthrene

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Phenol

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Pyrene

Influent	11	11	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt

Selenium

Influent	12	0	0.00120	0.002	mg/L
Effluent	4	4			mg/L
Biosolids	6	0	5.1	6.1	mg/kg Dry Wt

Silver

Influent	11	5	0.0006	0.0032	mg/L
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23rd Ave. Priority Pollutants

Effluent	4	4			mg/L
Biosolids	6	6			mg/kg Dry Wt
Tetrachloroethylene					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Thallium					
Influent	11	2	0.00012	0.00037	mg/L
Effluent	4	3	0.000096	0.00016	mg/L
Biosolids	6	6	All Non-Detect		mg/kg Dry Wt
Toluene					
Influent	4	3	1.08	2	µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Toxaphene					
Influent	11	11	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Trichloroethylene (Trichloroethene)					
Influent	4	4	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Vinyl chloride					
Influent	4	4	All Non-Detect		mg/L
					mg/L
Effluent	5	5	All Non-Detect		
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Zinc					
Influent	11	0	0.200	0.366	mg/L
Effluent	4	0	0.046	0.05	mg/L
Biosolids	6	0	1260	1550	mg/kg Dry Wt

* Detect occurred after 1st Quarter Scan.

¹

Average calculations include non-detect values. Non-detect values were multiplied by 0.5. Due to varying laboratory reporting levels, the average can exceed the maximum in some cases. No average was calculated when all results were non-detects.

91st Ave. Priority Pollutants

	Number of Observations	Number of Non-Detects	1Average	Maximum	Units
1,1,1-Trichlorethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
1,1,2,2-Tetrachloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
1,1,2-Trichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
1,1-Dichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
1,1-Dichloroethylene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
1,2,4-Trichlorobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	9	9	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichlorobenzene					
Influent	13	13	All Non-Detect	-	µg/L
Effluent	15	15	All Non-Detect	-	µg/L
Biosolids	9	9	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichloropropane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

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1,2-Diphenylhydrazine

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

1,2-Trans-dichloroethylene (Trans-1,2-Dichloroethene)

Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

1,3-Dichlorobenzene

Influent	13	13	All Non-Detect	-	µg/L
Effluent	13	13	All Non-Detect	-	µg/L
Biosolids	9	9	All Non-Detect	-	mg/kg Dry Wt

1,3-Dichloropropylene (trans/cis-1,3-Dichloropropene)

Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

1,4-Dichlorobenzene

Influent	13	13	All Non-Detect	-	µg/L
Effluent	15	15	All Non-Detect	-	µg/L
Biosolids	9	9	All Non-Detect	-	mg/kg Dry Wt

2,3,7,8-TCDD (Dioxin)

Influent	2	2	All Non-Detect	-	pg/L
Effluent	3	3	All Non-Detect	-	pg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

2,4,6-Trichlorophenol

Influent	11	11	All Non-Detect	-	µg/L
Effluent	11	11	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

2,4-Dichlorophenol

Influent	11	11	All Non-Detect	-	µg/L
Effluent	11	11	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

2,4-Dimethylphenol

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

2,4-Dinitrophenol

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Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2,4-Dinitrotoluene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2,6-Dinitrotoluene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2-Chloroethyl vinyl ethers					
Influent	1	1	All Non-Detect	-	µg/L
Effluent	1	1	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2-Chloronaphthalene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2-Chlorophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2-Nitrophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
3,3-Dichlorobenzidine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4,4-DDD					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	13	0.0175	0.08	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4,4-DDE					
Influent	12	11	0.032	0.049	µg/L
Effluent	14	14	All Non-Detect	-	µg/L

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Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4,4-DDT					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4,6-Dinitro-o-cresol (2-Methyl-4,6-dinitrophenol)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4-Bromophenyl phenyl ether					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4-Chlorophenyl phenyl ether					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4-Nitrophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Acenaphthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Acenaphthylene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Acrolein					
Influent	1	1	All Non-Detect	-	µg/L
Effluent	1	1	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Acrylonitrile					
Influent	1	1	All Non-Detect	-	µg/L
Effluent	1	1	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

91st Ave. Priority Pollutants

Aldrin

Influent	12	9	0.042	0.074	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Alpha-BHC

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Alpha-endosulfan (Endosulfan I)

Influent	12	11	0.031	0.089	ug/L
Effluent	12	10	0.014	0.029	ug/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Anthracene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Antimony

Influent	12	0	0.00110	0.00140	mg/L
Effluent	4	0	0.00069	0.0008	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Arsenic

Influent	12	0	0.0027	0.0043	mg/L
Effluent	4	0	0.0020	0.0022	mg/L
Biosolids	12	0	6.52	7.7	mg/kg Dry Wt

Benzene

Influent	4	2	2.73	3.6	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Benzidine

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Benzo(a) anthracene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Benzo(a)pyrene

91st Ave. Priority Pollutants

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	13	0.97	0.09	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Benzo(b) fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Benzo(ghi) perylene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Benzo(k) fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Beryllium					
Influent	12	11	0.000058	0.0001	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt
Beta-BHC					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Beta-endosulfan (Endosulfan II)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Bis(2-chloroethoxy) methane					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Bis(2-chloroethyl) ether					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Bis(2-chloroisopropyl) ether					
Influent	11	11	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L

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Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Bis(2-ethylhexyl) phthalate					
Influent	12	12	45.4	92	µg/L
Effluent	14	12	1.81	4.40	µg/L
Biosolids	4	2	87	100	mg/kg Dry Wt
Boron (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	12	0	0.3300	0.3630	mg/L
Effluent	12	0	0.3300	0.38	mg/L
Biosolids	0	0	All Non-Detect		mg/kg Dry Wt
Bromodichloromethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	3	0.28	0.57	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
Bromoform					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
Butyl benzyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Cadmium					
Influent	12	4	0.00031	0.0004	mg/L
Effluent	24	24	All Non-Detect	-	mg/L
Biosolids	12	12	All Non-Detect		mg/kg Dry Wt
Carbon tetrachloride					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
Chlordane					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Chlorobenzene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

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Chloroethane

Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Chloroform

Influent	4	0	5.45	7.20	µg/L
Effluent	6	0	1.63	2.00	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Chromium

Influent	12	0	0.00880	0.0126	mg/L
Effluent	4	3	0.0010	0.0017	mg/L
Biosolids	12	0	50.5	59.2	mg/kg Dry Wt

Chrysene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Copper

Influent	12	0	0.12	0.15	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	12	0	626.6	710	mg/kg Dry Wt

Cyanide, Total (Cyanide samples are discrete samples.)

Influent	12	12	All Non-Detect	-	mg/L
Effluent	24	24	All Non-Detect	-	mg/L
Biosolids	4	2	8.43	19	mg/kg Dry Wt

Delta-BHC

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Dibenzo(a,h) anthracene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Dibromochloromethane

Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Dieldrin

Influent	12	12	All Non-Detect	-	µg/L
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91st Ave. Priority Pollutants

Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Diethyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Dimethyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Di-n-butyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Di-n-octyl phthalate					
Influent	12	9	47.9	124	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Endosulfan sulfate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Endrin					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	16	16	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Endrin aldehyde					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Ethylbenzene					
Influent	4	2	4.79	12.00	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
Fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L

91st Ave. Priority Pollutants

Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Fluorene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Fluoride (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	12	0	1.4200	1.7000	mg/L
Effluent	2	0	1.4500	1.6	mg/L
Biosolids	0	0	All Non-Detect		mg/kg Dry Wt
Gamma-BHC					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	16	16	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Heptachlor					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	16	16	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Heptachlor epoxide					
Influent	12	11	0.017	0.084	µg/L
Effluent	16	15	0.018	0.052	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Hexachlorobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Hexachlorobutadiene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	9	9	All Non-Detect	-	mg/kg Dry Wt
Hexachlorocyclopentadiene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Hexachloroethane					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

91st Ave. Priority Pollutants

Indeno (1,2,3-cd) pyrene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Isophorone

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Lead

Influent	12	0	0.0027	0.0031	mg/L
Effluent	24	1	0.0004	0.00049	mg/L
Biosolids	12	12	19.24	20.40	mg/kg Dry Wt

Mercury

Influent	13	6	0.00012	0.00026	mg/L
Effluent	26	0	1.6	1.10000	ng/L
Biosolids	12	0	0.440	1.65	mg/kg Dry Wt

Methyl bromide (Bromomethane)

Influent	4	4	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Methyl chloride (Chloromethane)

Influent	4	4	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Methylene chloride (Dichloromethane)

Influent	4	3	3.58	6.60	mg/L
Effluent	6	6	All Non-Detect	-	mg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Molybdenum (Non Priority Pollutant studied for Local Limits Monitoring)

Influent	12	0	0.0068	0.0087	mg/L
Effluent	12	8	0.0040	0.005	mg/L
Biosolids	12	0	12.66	19.20	mg/kg Dry Wt

Naphthalene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	9	9	All Non-Detect	-	mg/kg Dry Wt

Nickel

Influent	12	0	0.0074	0.016	mg/L
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91st Ave. Priority Pollutants

Effluent	4	0	0.0025	0.005	mg/L
Biosolids	12	3	22.15	27.00	mg/kg Dry Wt

Nitrobenzene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

N-nitrosodimethylamine

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

N-nitrosodi-n-propylamine

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

N-nitrosodiphenylamine

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Parachlorometa cresol (4-Chloro-3-methylphenol)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

PCB-1016 (Arochlor 1016)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

PCB-1221 (Arochlor 1221)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

PCB-1232 (Arochlor 1232)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

PCB-1242 (Arochlor 1242)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

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PCB-1248 (Arochlor 1248)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

PCB-1254 (Arochlor 1254)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

PCB-1260 (Arochlor 1260)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Pentachlorophenol

Influent	12	11	48.1	97.3	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Phenanthrene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Phenol

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	10	4.83	6.8	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Pyrene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Selenium

Influent	12	0	0.0016	0.0020	mg/L
Effluent	24	6	0.0004	0.0082	mg/L
Biosolids	12	0	7.3	8.7	mg/kg Dry Wt

Silver

Influent	12	4	0.00046	0.00083	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	12	12	All Non-Detect	-	mg/kg Dry Wt

91st Ave. Priority Pollutants

Tetrachloroethylene

Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt

Thallium

Influent	12	6	0.000160	0.00039	mg/L
Effluent	4	3	0.000096	0.00016	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Toluene

Influent	4	1	22.2	44.00	µg/L
Effluent	6	5	0.17	0.22	µg/L
Biosolids	5	4	0.97	1.4	mg/kg Dry Wt

Toxaphene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Trichloroethylene (Trichloroethene)

Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Vinyl chloride

Influent	4	4	All Non-Detect	-	mg/L
Effluent	6	6	All Non-Detect	-	mg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Zinc

Influent	12	0	0.185	2.350	mg/L
Effluent	4	0	0.019	0.024	mg/L
Biosolids	12	0	835.8	888	mg/kg Dry Wt

¹ Average calculations include non-detect values. Non-detect values were multiplied by 0.5. Due to varying laboratory reporting levels, the average can exceed the maximum in some cases. No average was calculated when all results were non-detects.

Upset, Interference, and Pass Through

23rd Avenue Wastewater Treatment Plant
91st Avenue Wastewater Treatment Plant

The following is a discussion of Upset, Interference, or Pass-Through incidents, if any, which the Cities know or suspect, were caused by nondomestic users of the POTW system during the year ending December 31, 2019. If any incidents occurred, the reasons why, the corrective actions taken, and the nondomestic user(s) or industry sector(s) responsible are provided.

Additionally, a review of the applicable pollutant limits to determine whether any additional limitations, or changes to existing requirements may be necessary to prevent Interference, Pass Through or noncompliance with sludge disposal requirements is provided.

This information is required under Part III Section F.4.b. of the NPDES Permit and Part V Section B.4.b. of the AZPDES Permit.

Analytical results of effluent samples obtained during 2019 at the 23rd Avenue and 91st Avenue Wastewater Treatment Plants (WWTP) were compared against the federal definitions of Upset, Interference, and Pass Through.

The definition for **Upset** is found at 40 CFR 122.41(n):

"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

The definition for **Interference** is found at 40 CFR 403.3(i):

The term "interference" means a Discharge which, alone or in conjunction with a discharge or discharges from other sources, both:

- 1) Inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal; and*
- 2) Therefore is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent State or local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including State regulations contained in any State sludge management plan prepared pursuant to Subtitle D or the SWDA), the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research and Sanctuaries Act.*

The definition for **Pass-Through** is found at 40 CFR 403.3(n):

The term "Pass-Through" means a Discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation).

23rd Avenue WWTP

Based upon these definitions, there were no violations due to incidents of upset, interference, or pass-through that were attributable to non-domestic users of the POTW at the 23rd Avenue WWTP during 2019.

91st Avenue WWTP

Based upon these definitions, there was one violation due to incidents of upset, interference, or pass-through that was potentially attributable to non-domestic users of the POTW at the 91st Avenue Wastewater Treatment Plant (WWTP) during 2019.

On December 12, 2019, highly elevated process control ammonia results at the secondary effluent of each of the WWTP's treatment trains alerted staff that an upset event was occurring. On the morning of December 13, process control results at NPDES Monitoring Station FRW-1 (influent to the Tres Rios Wetlands) showed ammonia levels at five times the permit limit, and process control results at Outfall 005 to the Salt River reached approximately twice the ammonia limit. Staff took corrective action and levels returned to normal by Monday, December 16. Emergency samples were taken and analyzed for metals, volatile organics, semi-volatiles and pesticides, but nothing was captured above typical baseline levels. It appears that the plant experienced inhibition of the nitrification/denitrification process during this event, but a cause or source could not be identified.

Other permit exceedances were not attributable to non-domestic users but are provided here for informational purposes. In February 2019, a potential pass-through of cyanide was observed at FRW-1. This resulted in two exceedances of the daily maximum concentration limit, an exceedance of the monthly average concentration limit, and an exceedance of the monthly average loading limit. In August 2019, similar cyanide exceedances occurred again at the same site. This event resulted in an exceedance of the daily maximum concentration limit and the monthly average concentration limit.

The City has set up an ongoing cyanide study, for which data are collected each month. Preliminary results indicate that elevated cyanide levels are not due to pass-through events, and that cyanide formation is occurring during the preservation and storage of samples. It should also be noted that FRW-1 is a monitoring location for this parameter, and not a compliance point. No exceedances were observed at the point of compliance Outfall 005 to the Salt River.

Review of Local Limits

In 2002, the City retained a consultant to evaluate local limits. The consultant identified the pollutants of concern and the SROG cities participated in a local limits data collection sampling event in December 2002. The data was evaluated and revised local limits were established. BMP development and implementation was recommended for five pollutants: beryllium, fluoride, molybdenum, selenium, and di(2-ethylhexyl) phthalate (DEHP). Each of the SROG Cities had their revised local limits approved, incorporated into the City ordinance, and accepted by City Council. The local limits changes and revised City ordinances were approved by ADEQ on December 10, 2004. The revised limits and city ordinance changes were effective January 1, 2005. Public meetings with target industries were held in March 2005 to communicate to industries and to obtain commitment from them to implement the BMPs in accordance with the May 2004 SROG Phase II Local Limits Final Report and the June 2005 SROG BMPs Technical Memorandum prepared for the SROG cities by Malcolm Pirnie an engineering and consulting firm.

Permits Renewed and Amended

Since 2002 when local limits were last developed, the following permits were renewed or amended:

- NPDES permit for 91st Avenue WWTP issued on October 4, 2016, and became effective December 1, 2016.
- AZPDES permit for 23rd Avenue WWTP which became effective September 15, 2014.
- Aquifer Protection Permit (APP) for the 91st Avenue WWTP became effective on October 4, 2002 and was last amended on May 6, 2011.
- APP for the 23rd Avenue WWTP became effective on April 29, 1999 and was last amended on July 23, 2018.

The SROG cities continue to collect wastewater flow and pollutant concentration information including biosolids at the 91st Avenue WWTP, at the 23rd Avenue WWTP, at designated metering stations throughout the SROG service area, and at significant industrial users. Ongoing review of this data indicates that current local limits are appropriate at this time. A detailed technical re-evaluation of local limits will continue as necessary for continued compliance.

SECTION 1.2 SIGNIFICANT NON-COMPLIANCE (SNC)

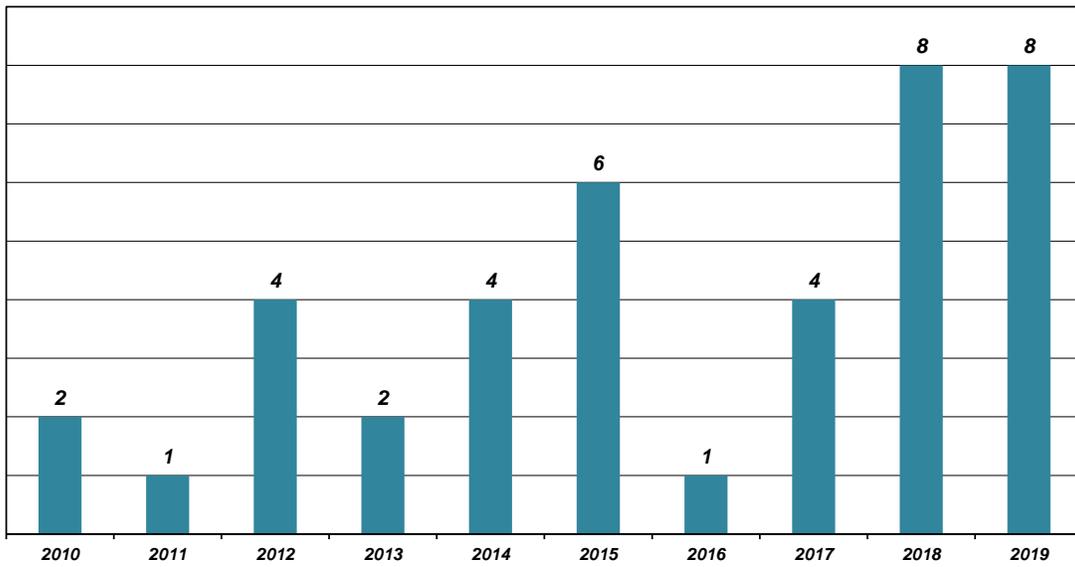
Publication of Significant Industrial Users in Significant Noncompliance (SNC)

In accordance with the Federal Clean Water Act and the public participation requirements of 40 CFR 25 pertaining to the enforcement of National Pretreatment Standards as defined by 40 CFR 403.8(f)(2)(viii), the Cities of Glendale, Mesa, Phoenix, Scottsdale, Tempe and the Town of Gilbert, Arizona annually publish in the newspaper a list of Industrial Users in Significant Noncompliance with pretreatment requirements.

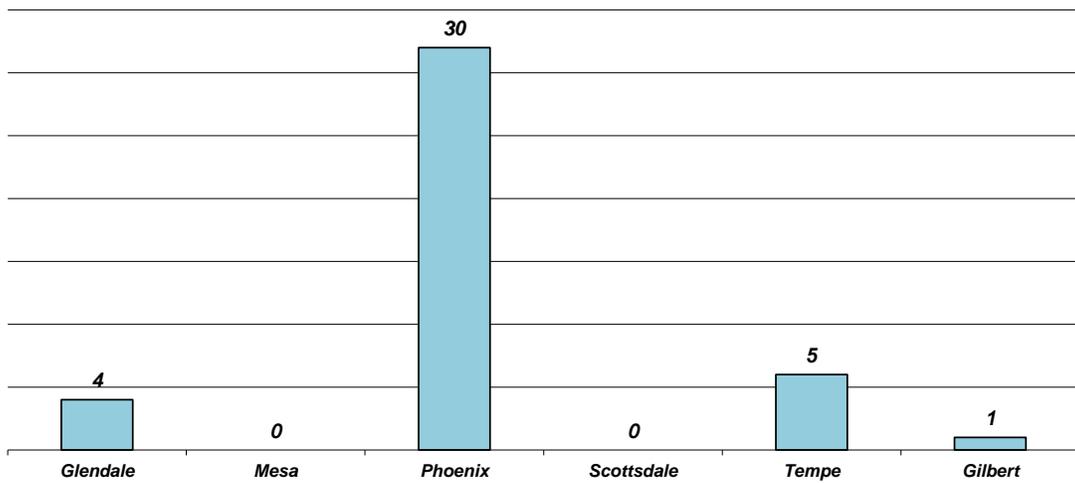
A list of Industrial Users in SNC for the year ending December 31, 2019 is scheduled to appear in the Arizona Republic during the 1st or 2nd Quarter of 2020 and appears following these SNC History pages. Additionally, the April 11, 2019 Arizona Republic publication of Industrial Users in SNC for the year ending December 31, 2018 follows the 2019 SNC list. The table below and graphs on the next page illustrate a ten-year history of the number of Industrial Users in SNC for each year and for each SROG municipality.

<i>Total IUs Published by Municipality SNC Years 2010 - 2019</i>												
SNC Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Grand Total	10-Year Totals
Glendale	1	0	1	0	1	1	0	0	0	0	0	4
Mesa	0	0	0	0	0	0	0	0	0	0	0	0
Phoenix	1	0	2	2	2	4	1	3	7	8	0	30
Scottsdale	0	0	0	0	0	0	0	0	0	0	0	0
Tempe	0	1	1	0	1	1	0	0	1	0	0	5
Gilbert	0	0	0	0	0	0	0	1	0	0	0	1
SROG System TOTALS	2	1	4	2	4	6	1	4	8	8	0	43

SROG System SNCs Per Year



**Total IUs Published by Municipality
SNC Years 2010 - 2019**



**Industrial Users In Significant Noncompliance with
Applicable Pretreatment Requirements in 2019**

The Cities of Glendale, Mesa, Phoenix, Scottsdale, and Tempe, and the Town of Gilbert, Arizona are responsible for implementing and operating industrial wastewater control (pretreatment) programs in each of their communities. Each program is designed to protect the wastewater treatment plants (POTW), the safety of personnel operating the wastewater collection system, and the environment from adverse impacts that could occur when toxic wastes are discharged into a wastewater collection system. Each municipality issues wastewater discharge permits to Industrial Users (Users) in their communities and the Users are responsible for ensuring that they comply with respective local ordinances and federal regulations. In accordance with the Federal Clean Water Act and the public participation requirements of 40 CFR Part 25 in the enforcement of the National Pretreatment Standards as defined by 40 CFR 403.8(f)(2)(viii), the Cities of Glendale, Mesa, Phoenix, Scottsdale, and Tempe, and the Town of Gilbert, Arizona are hereby publishing the following list of Users in Significant Noncompliance(SNC) with applicable pretreatment requirements. **This notice covers the period from January 1, 2019 through December 31, 2019.**

An Industrial User is in a state of SNC when violations meet one or more of the following:

- A. Chronic violations (CSNC) of wastewater discharge limits defined here as those in which sixty-six percent or more of all of the 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 violations (TRCSNC), defined here as those in which thirty-three percent or more of all of the measurements taken during a six-month period equal or exceed the product of the daily maximum limit or 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 long term average) that the POTW 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 of human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority to halt or prevent such as discharge;
- E. Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a permit or enforcement order for starting construction, completing construction, or attaining final compliance;
- F. Failure to provide within 30 days after the due date the required report such as a Baseline Monitoring Report, a 90 day compliance report, periodic self-monitoring reports, and reports on compliance with compliance schedules;
- G. Failure to accurately report noncompliance; or
- H. Any other violation or group of violations, which the POTW determines will adversely affect the operation or implementation of the local pretreatment program.

Public participation and cooperation are important to a successful industrial pretreatment program. If you have comments or witness a situation that you believe may involve an illegal discharge of pollutants or hazardous material into a municipality's sewer system, please immediately notify the appropriate municipality: Gilbert (480) 503-6411, Glendale (623) 930-4758, Mesa (480) 644-2131, Phoenix (602) 495-5926, Scottsdale (480) 391-5687, or Tempe (480) 350-2678.

Industrial User	Nature of Violation/ Type of Pollutant	Date Of Last Non-Compliance	Has User Returned to Compliant Status as of 12/31/2019?	Number of Times Published	Nature of Enforcement Action(s)	Comments
Glendale						
No Users in SNC						
Mesa						
No Users in SNC						
Phoenix						
Marlyn Nutraceuticals, Inc. – Naturally Vitamins 4404 East Elwood Street Phoenix, Arizona 85040-1909	Late Reporting – 24- Hour Notification Report submitted greater than 30-days late during 1 st Quarter	01/25/2019	Yes	1	Notices of Violation TISM SNC Notification Show Cause Meeting Monetary Penalty	A Show Cause Meeting imposing monetary penalties took place during the 2 nd Quarter of 2019. Violations in addition to late reporting include a pH violation.
Prudential Overall Supply 5102 West Roosevelt Street Phoenix, Arizona 85043-2716	Late Reporting – SMR Lab Results submitted greater than 30-days late during the 1 st and 4 th Quarters	02/06/2020	No	3	Notices of Violation TISM SNC Notification Show Cause Meeting Monetary Penalty	A Show Cause Meeting imposing monetary penalties took place during the 3 rd Quarter of 2019. Violations in addition to late reporting include a pH violation. A second Show Cause Meeting will take place in the 2 nd Quarter of 2020.
Upper Crust Bakery 3655 West Washington Street Phoenix, Arizona 85009-4759	Late Reporting – 24- Hour Notification Report submitted greater than 30-days late during 1 st Quarter	08/23/2019	No	2	Notices of Violation SNC Notification Show Cause Meeting Monetary Penalty	A Show Cause Meeting imposing monetary penalties took place during the 2 nd Quarter of 2019. Violations in addition to late reporting include numerous pH violations and failure to sample. The facility is investigating methods to correct solid and viscous pollutants violations.
Baker Commodities, Inc. 3602 West Elwood Street Phoenix, Arizona 85009-6737	Late Reporting – 24- Hour Notification Report submitted greater than 30-days late during 1 st Quarter	03/22/2019	Yes	1	Notices of Violation TISM SNC Notification Show Cause Meeting Monetary Penalty	A Show Cause Meeting imposing monetary penalties took place during the 3 rd Quarter of 2019. Violations in addition to late reporting include a pH violation.

Industrial User	Nature of Violation/ Type of Pollutant	Date Of Last Non- Compliance	Has User Returned to Compliant Status as of 12/31/2019?	Number of Times Published	Nature of Enforcement Action(s)	Comments
Helligear Acquisition Co. dba Norrtstar Aerospace – Phoenix 401 South 36 th Street Phoenix, Arizona 85034-2812	Nickel Monthly Average Technical Review Criteria – 1 st Quarter	08/31/2019	Yes	1	Notices of Violation TISMS SNC Notification Show Cause Meeting Monetary Penalty	A Show Cause Meeting imposing monetary penalties will take place during the 1 st Quarter of 2020. Violations in addition to nickel effluent include zinc effluent and late reporting.
Sigmetix, Inc. 2611 South 7 th Street, Suite 101 Phoenix, Arizona 85034-6503	Late Reporting – SMR Lab Results submitted greater than 30-days late during 2 nd Quarter	08/29/2019	Yes	1	Notice of Violation SNC Notification Show Cause Meeting Monetary Penalty	A Show Cause Meeting imposing monetary penalties will take place during the 1 st Quarter of 2020. There were no violations other than late reporting in 2019.
Phoenix Indian Medical Center 4212 North 16 th Street Phoenix, Arizona 85016-5319	Mercury Daily Maximum Technical Review Criteria – 3 rd Quarter	10/02/2019	Yes	1	Notices of Violation TISMS SNC Notification Show Cause Meeting	A Show Cause Meeting will take place during the 1 st Quarter of 2020. Violations in addition to mercury effluent include failure to sample.
Elite Waste Services, Inc. 2412 West Sherman Avenue Phoenix, Arizona 85009-5817	Late Reporting – 24- Hour Notification Report submitted greater than 30-days late during 3 rd Quarter	09/26/2019	Yes	1	Notices of Violation TISMS SNC Notification Show Cause Meeting Monetary Penalty	A Show Cause Meeting imposing monetary penalties will take place during the 1 st Quarter of 2020. Violations in addition to late reporting include pH and zinc effluent.
Scottsdale						
No Users in SNC						
Tempe						
No Users in SNC						
Town of Gilbert						
No Users in SNC						

THE ARIZONA REPUBLIC

PO Box 194, Phoenix, Arizona 85001-0194
Phone 1-602-444-7315 Fax 1-877-943-0443

STATE OF WISCONSIN

SS.

COUNTY OF BROWN

AFFIDAVIT OF PUBLICATION

CITY OF PHOENIX-CITY PAGE

200 W. Washington, 12th Floor
Phoenix, AZ 85003

I, being first duly sworn, upon oath deposes and says: That I am the legal clerk of the Arizona Republic, a newspaper of general circulation in the counties of Maricopa, Coconino, Pima and Pinal, in the State of Arizona, published weekly at Phoenix, Arizona, and that the copy hereto attached is a true copy of the advertisement published in the said paper on the dates indicated.

Publication: Arizona Republic

Ad number: 0008875938

PO Field: Log # 11558

Published Date(s):

04/11/19

Sworn to before me this

6th day of
June, 2019

Notary Public
My Commission Expires on

9/9/21



Industrial User	Nature of Violation/Type of Pollutant	Date of Last Non-Compliance	Has User Returned to Compliant Status as of 12/31/2018?	Number of Times Published	Nature of Enforcement Action(s)	Comments
Glendale No Users in SNC						
Mesa No Users in SNC						
Phoenix Matic Metal Finishing, LLC. 3755 West Washington Street Phoenix, Arizona 85019-4759	Monthly Average TRC for 3rd Quarter - Zinc/508 East Coconino Avenue	06/25/2017	Yes	3	Notice of Violation Temporary Increase Self-Monitoring (TISM) SNC Notification Monetary Penalty	SNC Notification was provided in March 2018. Therefore, it was not included for publication. A Show Cause Hearing imposing monetary penalties took place during the 2nd Quarter of 2018. Violations in addition to the effluent violations include failure to sample for total toxic organics (TTO).
Upper Crust Bakery 3755 West Washington Street Phoenix, Arizona 85019-4759	Late Reporting - 24-hour Notification Report submitted during 4th Quarter	01/24/2019	No	1	Notice of Violation SNC Notification	Violations other than late reporting include: continuous pH effluent violations and failure to sample. A Show Cause Hearing for continuous pH violations took place during the 4th Quarter of 2018. A Show Cause will take place in the 2nd Quarter of 2019.
MFP Group of Companies 230 South 19th Avenue Phoenix, Arizona 85034-3885	Late Reporting - Lab Results for Sulfate Reporting (SAR) Report submitted greater than 30 days late during 2nd Quarter	01/02/2019	No	3	Notice of Violation SNC Notification	There were no violations other than late reporting. The User returned to compliance as of 01/22/2019.
APS BioGroup, Inc. 2255 South Coconino Avenue Phoenix, Arizona 85044-2309	Monthly Average (MAV) Chrome & TRC for 1st Quarter - Average Chrome for 3rd Quarter - Acetone	12/31/2018	Yes	1	Notice of Violation TISM Self-Monitoring SNC Notification	Violations other than acetone MAVs include: permit condition - failure to notify of pre-treatment changes, failure to sample and pH exceedances. A Review Meeting took place during the 3rd Quarter of 2018.
Liquid Environmental Solutions of Arizona, LLC 5139 West Van Buren Street Phoenix, Arizona 85043-3720	Monthly Average TRC for 2nd Quarter - Copper	12/31/2018	No	2	Notice of Violation Review Meeting SNC Notification	A Review Meeting for copper MAVs took place during the 2nd Quarter of 2018. A Show Cause will take place in the 2nd Quarter of 2019.
AAA Right Pumping Services, Inc. 2433 South 7th Avenue Phoenix, Arizona 85007-4302	Crack Limit TRC for 4th Quarter - Mercury	11/27/2018	Yes	1	Notice of Violation TISM	There were no violations other than the mercury exceedance. The User returned to compliance as of 12/28/2018.
Frontier Group 3518 East Wood Street Phoenix, Arizona 85042-8835	Monthly Average TRC for 4th Quarter - Chromium	11/29/2018	No	1	Notice of Violation TISM	A Review Meeting will take place in the 1st Quarter of 2019.
Phoenix Chemical Solutions, Inc. 3320 East Becker Road Phoenix, Arizona 85040-3865	Crack Limit Chromium for 4th Quarter - Mercury	12/17/2018	No	1	Notice of Violation TISM SNC Notification	A Review Meeting will take place in the 1st Quarter of 2019.
Scottsdale No Users in SNC						
Tempe 2000 East Camelback Road Phoenix, Arizona 85016 Hence, AZ 85281	Monthly Copper TRC	3/29/2018	Yes	1	N/A/Administrative Order (AO); Self-Monitoring; Permit Statement Agreement (PSA)	User entered into a PSA with the City. Their results in S44 S11 S5 are out of pretreatment compliance. As of 3/29/18, 100% of the business remains in operation. The user has returned to full compliance.
Town of Gilbert No Users in SNC						

SECTION 1.3

DEFINITIONS, LIMITS, AND FORMS

DEFINITIONS

The following is a list of the more commonly used words and phrases used throughout this report.

AZPDES Permit - An Arizona Pollutant Discharge Elimination System Permit, issued to the City by the ADEQ, which imposes federal and local standards governing the quality of the treated effluent discharged from the POTW.

Baseline Monitoring Report (BMR) - The initial monitoring report submitted by categorical industrial users in accordance with 40 CFR 403.12.

Bypass - The intentional diversion of wastes from any portion of a treatment facility.

Categorical Standards - (National/Federal Categorical Pretreatment Standards) - Those standards promulgated by the U.S. Environmental Protection Agency (EPA) under the authority of Section 307 (b) and (c) of the Clean Water Act (33 U.S.C. 1317) which apply to a specific category of Industrial User and which are published in 40 CFR Chapter I, Subchapter N (Parts 401-471).

Compliance Status - Is a standard established by the EPA on which to measure whether an industrial discharger is complying with the law. This standard is broken down into three parts: (1) Compliance, (2) Inconsistent compliance, and (3) Significant noncompliance. Compliance is when an industrial discharger has committed no pretreatment violations during the reporting year. Significant noncompliance is defined in the definition section. Inconsistent compliance is where there is at least one pretreatment violation, or more, but not enough to reach significant noncompliance.

Composite sample - A combination of individual samples obtained at regular intervals over a specified time period. The volume of each individual sample shall be either proportional to the flow rate during the sample period (flow composite) or constant and collected at equal time intervals during the composite period (time composite) as defined in the permit.

Industrial User

- A. A source of industrial discharge; or
- B. Any nonresidential user of the sewer system which discharges more than the equivalent strength of 25,000 gallons per day of domestic wastes;
- C. Any significant industrial user;
- D. Has control over the disposal of a waste as described in A, B, or C above; or
- E. Has the right of possession and control over any property which produces a waste as described in A, B, C, or D above.

Interference - A discharge which, alone or in conjunction with a discharge or discharges from other sources, both:

- A. Inhibits or disrupts the POTW, its treatment processes or operation, or its sludge processes use or disposal
- B. Therefore is a cause of a violation of any requirement of any environmentally related permit issued by a governmental entity (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent state or local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA); and including state regulations contained in any state sludge management plan prepared pursuant to Subtitle D of the SWDA), the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research and Sanctuaries Act.

Liquid Waste Hauler (or Waste Hauler) - Any person carrying on or engaging in vehicular transport of wastewater or wastes as part of, or incidental to, any business for the purpose of discharging such waste into the City's treatment works.

NPDES Permit - A National Pollutant Discharge Elimination System Permit, issued to the City by the EPA, which imposes federal standards governing the quality of the treated effluent discharged from the POTW.

Pass Through - A discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW NPDES Permit (including an increase in the magnitude or duration of a violation) or which causes or contributes to a violation of an applicable numeric or narrative water quality standard.

Pretreatment - The physical, chemical, biological or other treatment of any industrial discharge prior to discharge to the POTW, for the purpose of:

- A. Reducing the amount or concentration of any pollutant; or
- B. Eliminating the discharge or any pollutant; or
- C. Altering the nature of any pollutant characteristic to a less harmful state.

POTW - Publicly Owned Treatment Works and connecting sewer collection system which are owned and/or operated, in whole or in part, by the City and which provide the City with wastewater collection and disposal services.

Sanitary Sewer - A sewer which carries sewage and to which storm, surface, and ground waters are not intentionally admitted.

Significant Industrial User - This term includes:

- A. All process wastewater discharges subject to categorical pretreatment standards under 40 CFR 403.6 and 40 CFR Chapter I, Subchapter N.
- B. All noncategorical dischargers that, in the opinion of the Director, have a reasonable potential to adversely affect the operation, or that contribute a process wastestream which makes up five percent or more of the average dry weather capacity of any of the POTW treatment plants or that discharges an average of 25,000 gallons per day or more of process wastewater to the POTW, or has a reasonable potential for adversely affecting the POTW operation or for violating any pretreatment standard or requirement.

Significant Noncompliance - An Industrial user is in a state of significant noncompliance (SNC) when violations meet one or more of the following criteria:

- A. Chronic violations of wastewater discharge limits, defined here as those in which 66 percent or more of all of the 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 33 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 or 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 long-term average) that the POTW determines has caused, alone or in combination with other dischargers, 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 this Chapter 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 permit 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; or
- H. Any other violation or group of violations, which the POTW determines, will adversely affect the operation or implementation of the local pretreatment program.

Upset - An exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee, excluding such factors as operational error, improperly designed or inadequate treatment facilities, or improper operation and maintenance or lack thereof.

PHRASES

Parameter Violation - A pre-established limit for a particular pollutant has been exceeded, resulting in an unlawful wastewater discharge to the sanitary sewer. For example, if Company XYZ is only regulated under the Phoenix City Code, and discharges silver, the permissible limit would be 1.2 mg/l (parts per million). If a discharge exceeds this limit, then that would be a parameter violation.

Reporting Violation - Failure of the industrial discharger to submit reports required under the law.

Limits Appendices Glendale, Mesa, Phoenix, Scottsdale, and Gilbert

The Limits Appendices on the following pages are used in the Significant Industrial User Compliance Status Reports of this annual report, and apply to the discharges from all permitted industrial users throughout the Cities of Glendale, Mesa, Phoenix, Scottsdale, and Town of Gilbert service area. The more stringent of the applicable Federal Categorical Standards and the Local Limits contained in Appendix A are applied on a parameter-by-parameter basis to the industrial users' discharges.

All limitations for each limit appendix are in concentration units of milligrams per liter (mg/L), unless noted otherwise.

APPENDIX DESCRIPTION

A	Local Limits
B	423.16 Steam Electric Power Generating PSES
C	420.106 Iron and Steel Manufacturing – <i>Allied Tube and Conduit Corporation</i>
D	433.15 Metal Finishing PSES
E	433.17 Metal Finishing PSNS
F	469.18 Electrical and Electronic Components Subpart A PSNS
G	467.35 Aluminum Forming Subpart C PSES Conc. Equivalent - <i>Hydro Remelt</i>
H	467.35 Aluminum Forming Subpart C PSES Conc. Equivalent - <i>Hydro Plant 1</i>
I	467.35 Aluminum Forming Subpart C PSES Conc. Equivalent - <i>Hydro Plant 2</i>
J	465.45 Coil Coating Subpart D PSES Conc. Equivalent - <i>Rexam Beverage Can Company</i>
K	439.46 Pharmaceutical Manufacturing Subpart D PSES
L	439.47 Pharmaceutical Manufacturing Subpart D PSNS
M	437.16 Centralized Waste Treatment Subpart A PSNS
N	437.26 Centralized Waste Treatment Subpart B PSNS
O	437.36 Centralized Waste Treatment Subpart C PSNS
P	437.46(b) Centralized Waste Treatment Subpart D PSES Multiple Wastestreams
Q	437.47(b) Centralized Waste Treatment Subpart D PSNS Multiple Wastestreams
R	421.306 Nonferrous Metals Mfr. Subpart AB PSNS Conc. Equivalent - <i>Mega Metals</i>
S	469.18 Electrical and Electronic Components Subpart A PSNS CWF 98.70% - <i>Entrepix</i>
T	469.28 Electrical and Electronic Components Subpart B PSNS CWF 23.14% - <i>SUMCO</i>
U	464.36 Metal Molding and Casting Subpart C PSNS Conc. Equivalent - <i>Arizona Cast Turbine</i>
V	433.17 Metal Finishing PSNS FWA 97.78% - <i>Sav-On Plating Incorporated</i>
W	433.17 Metal Finishing PSNS CWF 96.03% - <i>MPP Group of Companies</i>
X	433.17 Metal Finishing PSNS CWF 90.91% - <i>Honeywell Sky Harbor Circle</i>
Y	439.47 Pharmaceutical Manufacturing Subpart D PSNS CWF 3.60% - <i>Celgene Corporation</i>
Z	439.46 Pharmaceutical Manufacturing Subpart D PSES CWF 70.50% - <i>The Procter & Gamble Manufacturing Company</i>

APPENDIX A - Local Limits

Metals	Daily Maximum (mg/L)	Prohibited Substances (µg/L)	
Arsenic	0.13	4,4' - DDE	
Cadmium	0.047	4,4' - DDT	
Copper	1.5	Aldrin	
Lead	0.41	BHC-Alpha	
Mercury	0.0023	BHC-Beta	
Selenium	0.10	BHC-Gamma (Lindane)	
Silver	1.2	Heptachlor	
Zinc	3.5	Heptachlor Epoxide	
Anions	Daily Maximum (mg/L)	Polychlorinated Biphenyl Compounds (PCBs)	
Cyanide (T)	2.0	Pretreatment Sludges	
Other	Range	Organics	Daily Maximum (µg/L)
pH	5.0 – 10.5 SU	Benzene	35
Other	Daily Maximum	Chloroform	2000
Temperature (Max)	150°F/66°C		
Flash Point	140°F/60°C		

**APPENDIX B – Steam Electric Power Generating
Pretreatment Standards for Existing Sources
40 CFR 423.16**

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium	0.2	N/A
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Lead	0.41	N/A
Mercury	0.0023	N/A
Selenium	0.10	N/A
Silver	1.2	N/A
Zinc	1.0	N/A
pH	5.0 – 10.5 SU	N/A

**APPENDIX C – Iron and Steel Manufacturing
Pretreatment Standards for New Sources
Subpart J 40 CFR 420.106 (b) (1) and
Subpart L 40 CFR 420.126 (a) (1)**

**Allied Tube and Conduit Corporation
2525 North 27th Avenue
Phoenix, Arizona 85009-1710**

Concentration Equivalent		
Permit № 1702-5378		
Effective 02/01/2017 through 01/31/2022		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium VI*	0.3	0.1
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Lead*	0.41	0.8
Mercury	0.0023	N/A
Oil & Grease**	100*	N/A
pH	5.0 – 10.5	N/A
Selenium	0.10	N/A
Silver	1.2	N/A
Zinc*	3.0	1.0

*These limitations were converted from the Federally promulgated mass-based standards in accordance with the Federal General Pretreatment Regulations at 40 CFR 403.6(c). These limits represent the more stringent of the converted standards and local limitations.

** Permittee is required to use EPA Method 1664 (Revision A or B) Silica Gel Treated n-Hexane Extractable Material (SGT HEM) in 40 CFR 136 for Oil & Grease (O&G) analysis, and Permittee must report Total O&G- SGT HEM. The non-polar material O&G Daily Maximum target level should be no greater than 100 mg/L as recommended in "Treatability of Oil and Grease Discharge to Publicly Owned Treatment Works", Document EPA 440/1-75/066, April 1975.

**APPENDIX D – Metal Finishing
Pretreatment Standards for Existing Sources
40 CFR 433.15**

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	0.26
Chromium	2.77	1.71
Copper	1.5	2.07
Cyanide (T)	1.20	0.65
Lead	0.41	0.43
Mercury	0.0023	N/A
Nickel	3.98	2.38
Selenium	0.10	N/A
Silver	0.43	0.24
TTO	2.13	N/A
Zinc	2.61	1.48
pH	5.0 – 10.5 SU	N/A

Cyanide limitations apply to cyanide bearing process wastewaters prior to combining with other process flows.

**APPENDIX E - Metal Finishing
Pretreatment Standards for New Sources
40 CFR 433.17**

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	0.07
Chromium	2.77	1.71
Copper	1.5	2.07
Cyanide (T)	1.20	0.65
Lead	0.41	0.43
Mercury	0.0023	N/A
Nickel	3.98	2.38
Selenium	0.10	N/A
Silver	0.43	0.24
TTO	2.13	N/A
Zinc	2.61	1.48
pH	5.0 – 10.5 SU	N/A

Cyanide limitations apply to cyanide bearing process wastewaters prior to combining with other process flows.

**APPENDIX F – Electrical and Electronic Components
Subpart A – Semiconductor Subcategory
Pretreatment Standards for New Sources
40 CFR 469.18**

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Lead	0.41	N/A
Mercury	0.0023	N/A
Selenium	0.10	N/A
Silver	1.2	N/A
TTO	1.37	N/A
Zinc	3.5	N/A
pH	5.0 – 10.5 SU	N/A

**APPENDIX G – Aluminum Forming
Subpart C – Extrusion Subcategory
Pretreatment Standards for Existing Sources
40 CFR 467.35**

**Hydro Extrusions North America, LLC - Remelt Operation
249 South 51st Avenue
Phoenix Arizona 85043-3715**

Concentration Equivalent		
Permit № 1803-21490		
Effective 03/5/2018 through 12/31/2022		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium*	3.05	1.24
Copper	1.5	N/A
Cyanide (T) *	2.0	1.51
Lead	0.41	N/A
Mercury	0.0023	N/A
Oil & Grease*	356.5	180.84
Selenium	0.10	N/A
Silver	1.2	N/A
TTO*	4.750	N/A
Zinc*	3.5	7.61
pH	5.0 – 10.5 SU	N/A

*These limitations were converted from the Federally promulgated mass-based standards in accordance with the Federal General Pretreatment Regulations at 40 CFR 403.6(c). These limits represent the more stringent of the converted standards and local limitations.

**APPENDIX H - Aluminum Forming
Subpart C – Extrusion Subcategory
Pretreatment Standards for Existing Sources
40 CFR 467.35**

**Hydro Extrusions North America, LLC
- Extrusion Operation Plant 1
249 South 51st Avenue
Phoenix Arizona 85043-3715**

Concentration Equivalent		
Permit № 1803-21491		
Effective 03/05/2018 through 12/31/2022		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium*	1.08	0.74
Copper	1.5	N/A
Cyanide (T) *	.71	0.30
Lead	0.41	N/A
Mercury	0.0023	N/A
Oil & Grease*	128.51	64.45
Selenium	0.10	N/A
Silver	1.2	N/A
TTO*	1.690	N/A
Zinc*	3.5	1.49
pH	5.0 – 10.5 SU	N/A

*These limitations were converted from the Federally promulgated mass-based standards in accordance with the Federal General Pretreatment Regulations at 40CFR 403.6(c). These limits represent the more stringent of the converted standards and local limitations.

**APPENDIX I – Aluminum Forming
Subpart C – Extrusion Subcategory
Pretreatment Standards for Existing Sources
40 CFR 467.35**

**Hydro Extrusions North America, LLC
- Extrusion Operation Plant 2
50 South 49th Avenue
Phoenix Arizona 85043-3825**

Concentration Equivalent		
Permit № 1803-21489		
Effective 03/05/2018 through 12/31/2022		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium*	3.20	1.31
Copper	1.5	N/A
Cyanide (T) *	2.0	0.89
Lead	0.41	N/A
Mercury	0.0023	N/A
Oil & Grease*	390.84	188.32
Selenium	0.10	N/A
Silver	1.2	N/A
TTO*	5.010	N/A
Zinc*	3.5	4.44
pH	5.0 – 10.5 SU	N/A

*These limitations were converted from the Federally promulgated mass-based standards in accordance with the Federal General Pretreatment Regulations at 40CFR 403.6(c). These limits represent the more stringent of the converted standards and local limitations.

**APPENDIX J – Coil Coating
Subpart D Can Making Subcategory
Pretreatment Standards for Existing Sources
40 CFR 465.44**

**Rexam Beverage Can Company
211 North 51st Avenue
Phoenix, Arizona 85043-3704**

Concentration Equivalent		
Permit № 1710-5475		
Effective 10/01/2017 through 09/30/2022		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium*	0.90	0.37
Copper*	1.5	2.06
Cyanide (T)	2.0	N/A
Fluoride*	122.6	54.4
Lead	0.41	N/A
Manganese*	1.40	0.59
Mercury	0.0023	N/A
Oil & Grease*	41.22	24.74
Phosphorus (T)*	34.42	14.07
Selenium	0.10	N/A
Silver	1.2	N/A
TTO*	0.66	0.31
Zinc*	3.01	1.26
pH	5.0 – 10.5 SU	N/A

*These limitations were converted from the Federally promulgated mass-based standards in accordance with the Federal General Pretreatment Regulations at 40 CFR 403.6(c). These limits represent the more stringent of the converted standards and local limitations.

APPENDIX K – Pharmaceutical Manufacturing
Subpart D Mixing/Compounding and Formulation Subcategory
Pretreatment Standards for Existing Sources
40 CFR 439.46

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Acetone	20.7	8.2
n-Amyl Acetate	20.7	8.2
Ethyl Acetate	20.7	8.2
Isopropyl Acetate	20.7	8.2
Methylene Chloride	3.0	0.7
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Lead	0.41	N/A
Mercury	0.0023	N/A
Selenium	0.10	N/A
Silver	1.2	N/A
Zinc	3.5	N/A
pH	5.0 – 10.5 SU	N/A

APPENDIX L - Pharmaceutical Manufacturing
Subpart D Mixing/Compounding and Formulation Subcategory
Pretreatment Standards for New Sources
40 CFR 439.47

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Acetone	20.7	8.2
n-Amyl Acetate	20.7	8.2
Ethyl Acetate	20.7	8.2
Isopropyl Acetate	20.7	8.2
Methylene Chloride	3.0	0.7
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Lead	0.41	N/A
Mercury	0.0023	N/A
Selenium	0.10	N/A
Silver	1.2	N/A
Zinc	3.5	N/A
pH	5.0 – 10.5 SU	N/A

**APPENDIX M - Centralized Waste Treatment
Subpart A – Metals Treatment and Recovery
Pretreatment Standards for New Sources
40 CFR 437.16**

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Antimony	0.249	0.206
Arsenic	0.13	0.104
Cadmium	0.047	0.0962
Chromium	15.5	3.07
Cobalt	0.192	0.124
Copper	1.5	1.06
Cyanide(T)	2.0	N/A
Lead	0.41	0.283
Mercury	0.0023	0.000739
Nickel	3.95	1.45
Selenium	0.10	0.408
Silver	0.120	0.0351
Tin	0.409	0.120
Titanium	0.0947	0.0618
Vanadium	0.218	0.0662
Zinc	2.87	0.641
pH	5.0 – 10.5 SU	N/A

**APPENDIX N – Centralized Waste Treatment
Subpart B – Oils Treatment and Recovery
Pretreatment Standards for New Sources
40 CFR 437.26**

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Bis(2-ethylhexylphthalate)	0.215	0.101
Cadmium	0.047	N/A
Carbazole	0.598	0.276
Chromium	0.746	0.323
Cobalt	56.4	18.8
Copper	1.5	0.242
Cyanide (T)	2.0	N/A
Fluoranthene	0.0537	0.0268
Lead	0.350	0.160
Mercury	0.0023	N/A
n-Decane	0.948	0.437
n-Octadecane	0.589	0.302
Selenium	0.10	N/A
Silver	1.2	N/A
Tin	0.335	0.165
Zinc	3.5	4.50
pH	5.0 – 10.5 SU	N/A

**APPENDIX O – Centralized Waste Treatment
Subpart C – Organics Treatment and Recovery
Pretreatment Standards for New Sources
40 CFR 437.36**

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
2,4,6-Trichlorophenol	0.155	0.106
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Lead	0.41	N/A
Mercury	0.0023	N/A
p-Cresol	0.698	0.205
o-Cresol	1.92	0.561
Selenium	0.10	N/A
Silver	1.2	N/A
Zinc	3.5	N/A
pH	5.0 – 10.5 SU	N/A

**APPENDIX P – Centralized Waste Treatment
Subpart D Multiple Wastestreams
Pretreatment Standards for Existing Sources
40 CFR 437.46(b)**

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
2,4,6-Trichlorophenol	0.155	0.106
Antimony	0.249	0.206
Arsenic	0.13	0.104
Bis(2-ethylhexyl)phthalate	0.267	0.158
Cadmium	0.047	0.0962
Carbazole	0.392	0.233
Chromium	0.947	0.487
Cobalt	0.192	0.124
Copper	0.405	0.301
Cyanide	2.0	N/A
Fluoranthene	0.787	0.393
Lead	0.222	0.172
Mercury	0.00234	0.000739
Molybdenum	N/A	N/A
n-Decane	5.79	3.31
Nickel	3.95	1.45
n-Octadecane	1.22	0.925
o-Cresol	1.92	0.561
p-Cresol	0.698	0.205
Selenium	0.10	N/A
Silver	0.120	0.0351
Tin	0.409	0.120
Titanium	0.0947	0.0618
Vanadium (T)	0.218	0.0662
Zinc	2.87	0.641
pH	5.0 – 10.5 SU	N/A

**APPENDIX Q – Centralized Waste Treatment
Subpart D Multiple Wastestreams
Pretreatment Standards for New Sources
40 CFR 437.47(b)**

Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
2,4,6-Trichlorophenol	0.155	0.106
Antimony	0.249	0.206
Arsenic	0.13	0.104
Bis(2-ethylhexyl)phthalate	0.215	0.101
Cadmium	0.047	0.0962
Carbazole	0.598	0.276
Chromium	0.746	0.323
Cobalt	0.192	0.124
Copper	0.500	0.242
Cyanide	2.0	N/A
Fluoranthene	0.0537	0.0268
Lead	0.350	0.160
Mercury	0.00234	0.000739
Molybdenum	N/A	N/A
n-Decane	0.948	0.437
Nickel	3.95	1.45
n-Octadecane	0.589	0.302
o-Cresol	1.92	0.561
p-Cresol	0.698	0.205
Selenium	0.10	N/A
Silver	0.120	0.0351
Tin	0.409	0.120
Titanium	0.0947	0.0618
Vanadium (T)	0.218	0.0662
Zinc	2.87	0.641
pH	5.0 – 10.5 SU	N/A

**APPENDIX R – Nonferrous Metals Manufacturing
Subpart AB Primary & Secondary Titanium Subcategory
Pretreatment Standards for New Sources
40 CFR 421.306**

**Mega Metals
1325 North 22nd Avenue
Phoenix, Arizona 85009-3714**

Concentration Equivalent for:		
Permit № 1809-27341		
Effective 09/01/2018 through 08/31/2023		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium*	3.2	1.28
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Lead*	0.41	1.11
Mercury	0.0023	N/A
Nickel*	4.7	3.17
Oil & Grease**	N/A	N/A
Selenium	0.10	N/A
Silver	1.2	N/A
Titanium*	4.5	1.97
Zinc	3.5	N/A
pH	5.0 – 10.5 SU	N/A

*These limitations were converted from the Federally promulgated mass-based standards in accordance with the Federal General Pretreatment Regulations at 40 CFR 403.6(c). These limits represent the more stringent of the converted standards and local limitations.

** Permittee is required to use EPA Method 1664 (Revision A or B) Silica Gel Treated n-Hexane Extractable Material (SGT HEM) in 40 CFR 136 for Oil & Grease (O&G) analysis, and Permittee must report Total O&G- SGT HEM. The non-polar material O&G Daily Maximum target level should be no greater than 100 mg/L as recommended in "Treatability of Oil and Grease Discharge to Publicly Owned Treatment Works", Document EPA 440/1-75/066, April 1975.

**APPENDIX S - Electrical and Electronic Components
Subpart A – Semiconductor Subcategory
Pretreatment Standards for New Sources
40 CFR 469.18**

**Entrepix, Inc.
4717 East Hilton Avenue
Phoenix, Arizona 85034-6404**

98.70% Combined Wastestream Formula		
Permit № 1804-30385		
Effective 04/01/2018 through 03/31/2023		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Lead	0.41	N/A
Mercury	0.0023	N/A
Selenium	0.10	N/A
Silver	.43	N/A
TTO*	1.35	N/A
Zinc	3.5	N/A
pH	5.0 – 10.5 SU	N/A

*These limitations were derived by applying the Combined Wastestream Formula at 40 CFR 403.6(e) to the discharges regulated under Local Limitations and Electrical and Electronic Components Subpart A – Semiconductor Subcategory Standards (40 CFR 469).

**APPENDIX T – Electrical and Electronic Components
Subpart B – Electronic Crystals Subcategory
Pretreatment Standards for New Sources
40 CFR 469.28**

**SUMCO Southwest Corporation
19801 North Tatum Boulevard
Phoenix, Arizona 85050-4201**

23.14% Combined Wastestream Formula		
Permit № 1703-5340		
Effective 03/01/2017 through 02/28/2022		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A*
Cadmium	0.047	N/A
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Lead	0.41	N/A
Mercury	0.0023	N/A
Selenium	0.10	N/A
Silver	1.2	N/A
TTO**	0.317	N/A
Zinc	3.5	N/A
pH	5.0 – 10.5 SU	N/A

* 469.28 Arsenic limitations apply only to Gallium or Indium Arsenide manufacturers

**These limitations were derived by applying the Combined Wastestream Formula at 40 CFR 403.6(e) to the discharges regulated under Local Limitations and Electrical and Electronic Components Subpart B – Electronic Crystals Subcategory Standards (40 CFR 469).

**APPENDIX U – Metal Molding and Casting
Subpart C – Ferrous Casting Subcategory
Pretreatment Standards for New Sources
40 CFR 464.36(e) Investment Casting**

**Arizona Cast Turbine LLC
3110 N Oakland Street, Suite 1114
Mesa, Arizona 85215**

Concentration Equivalent		
Permit Effective 01/31/2017 through 01/30/2022		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium	0.2	N/A
Copper*	1.5	1.76
Cyanide (T)	2.0	N/A
Lead	0.41	4.3
Mercury	0.0023	N/A
Oil and Grease *	330	110
Selenium	0.10	N/A
Silver	1.2	N/A
Zinc*	1.0	6.17
TTO*	13.2	4.3
pH	5.0 – 10.5 SU	N/A

*These limitations were converted from the Federally promulgated mass-based standards in accordance with the Federal General Pretreatment Regulations at 40 CFR 403.6(c). These limits represent the more stringent of the converted standards and local limitations.

**APPENDIX V - Metal Finishing
Pretreatment Standards for New Sources
40 CFR 433.17**

**Sav-On Plating Incorporated
17 West Watkins Street
Phoenix, Arizona 85003-2824**

97.78% Flow Weighted Average Limits		
Permit № 1607-5300		
Effective 07/01/2016 through 06/30/2021		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium*	0.047	0.07
Chromium*	2.71	1.67
Copper*	1.5	2.03
Cyanide (T)*	1.17	0.64
Lead*	0.41	0.42
Mercury	0.0023	N/A
Nickel*	3.89	2.33
Selenium	0.10	N/A
Silver*	0.42	0.23
TTO*	2.08	N/A
Zinc*	2.55	1.45
pH	5.0 – 10.5 SU	N/A

*These limitations were derived by applying the Combined Wastestream Formula at 40 CFR 403.6(e) to the discharges regulated under Local Limitations and Metal Finishing Standards (40 CFR 433). Cyanide limitations apply to cyanide bearing process wastewaters prior to combining with other process flows.

**APPENDIX W - Metal Finishing
Pretreatment Standards for New Sources
40 CFR 433.17**

**MPP Group of Companies
230 South 49th Avenue
Phoenix, Arizona 85043-3905**

96.03% Combined Wastestream Limits		
Permit № 1801-5335		
Effective 01/01/2018 through 12/31/2022		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium*	0.047	0.06
Chromium*	2.66	1.64
Copper*	1.5	1.90
Cyanide (T)*	1.15	0.63
Lead*	0.41	0.39
Mercury	0.0023	N/A
Nickel*	3.83	2.29
Selenium	0.10	N/A
Silver*	0.41	0.23
TTO*	2.05	N/A
Zinc*	2.51	1.42
pH	5.0 – 10.5 SU	N/A

*These limitations were derived by applying the Combined Wastestream Formula at 40 CFR 403.6(e) to the discharges regulated under Local Limitations and Metal Finishing Standards (40 CFR 433). Cyanide limitations apply to cyanide bearing process wastewaters prior to combining with other process flows.

**APPENDIX X - Metal Finishing
Pretreatment Standards for New Sources
40 CFR 433.17**

**Honeywell Mechanical Repair and Overhaul
Phoenix Repair and Overhaul
1944 East Sky Harbor Circle
Phoenix, Arizona 85034-3442**

90.91% Combined Wastestream Limits		
Permit № 1807-2990		
Effective 07/01/2018 through 06/30/2023		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium*	0.047	0.068
Chromium*	2.41	1.49
Copper*	1.5	1.80
Cyanide (T)*	1.05	0.57
Lead*	0.41	0.37
Mercury	0.0023	N/A
Nickel*	3.47	2.07
Selenium	0.10	N/A
Silver*	0.37	0.21
TTO*	1.85	N/A
Zinc*	2.27	1.29
pH	5.0 – 10.5 SU	N/A

*These limitations were derived by applying the Combined Wastestream Formula at 40 CFR 403.6(e) to the discharges regulated under Local Limitations and Metal Finishing Standards (40 CFR 433). Cyanide limitations apply to cyanide bearing process wastewaters prior to combining with other process flows.

**APPENDIX Y– Pharmaceutical Manufacturing
Subpart D Mixing/Compounding and Formulation Subcategory
Pretreatment Standards for New Sources
40 CFR 439.47**

**Celgene Corporation
620 North 51st Avenue
Phoenix, Arizona 85043-2702**

3.60% Combined Wastestream Limits		
Permit № 1903-27278		
Effective 03/01/2019 through 02/28/2022		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Acetone*	0.750	0.300
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Ethyl Acetate*	0.750	0.300
Isopropyl Acetate*	0.750	0.300
Lead	0.41	N/A
Mercury	0.0023	N/A
Methylene Chloride*	0.110	0.030
n-Amyl Acetate*	0.750	0.300
Selenium	0.10	N/A
Silver	1.2	N/A
Zinc	3.5	N/A
pH	5.0 – 10.5 SU	N/A

*These limitations were derived by applying the Combined Wastestream Formula at 40 CFR 403.6(e) to the discharges regulated under Local Limitations and Pharmaceutical Manufacturing – Subpart D Mixing/Compounding and Formulation Subcategory Standards (40 CFR 439).

**APPENDIX Z– Pharmaceutical Manufacturing
Subpart D Mixing/Compounding and Formulation Subcategory
Pretreatment Standards for Existing Sources
40 CFR 439.46**

**The Procter & Gamble Manufacturing Company
2050 South 35th Avenue
Phoenix, Arizona 85009-6705**

70.50% Combined Wastestream Limits		
Permit № 1903-27278		
Effective 07/01/2019 through 06/30/2024		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Acetone*	14.6	5.8
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Copper	1.5	N/A
Cyanide (T)	2.0	N/A
Ethyl Acetate*	14.6	5.8
Isopropyl Acetate*	14.6	5.8
Lead	0.41	N/A
Mercury	0.0023	N/A
Methylene Chloride*	2.1	0.3
n-Amyl Acetate*	14.6	5.8
Selenium	0.10	N/A
Silver	1.2	N/A
Zinc	3.5	N/A
pH	5.0 – 10.5 SU	N/A

*These limitations were derived by applying the Combined Wastestream Formula at 40 CFR 403.6(e) to the discharges regulated under Local Limitations and Pharmaceutical Manufacturing – Subpart D Mixing/Compounding and Formulation Subcategory Standards (40 CFR 439).

Limits Appendices Tempe

The Limits Appendices on the following pages are used in the City of Tempe Significant Industrial User Compliance Status Reports of this annual report, and apply to the discharges from all permitted industrial users throughout the City of Tempe service area. The more stringent of applicable Federal Categorical Standards and the Local Limits contained in Appendix T-A are applied on a parameter-by-parameter basis to the industrial users' discharges.

All limitations for each limit appendix are in concentration units of milligrams per liter, unless noted otherwise.

APPENDIX DESCRIPTION

T-A	Tempe Local Limits
T-B	413.14 and 413.54 Electroplating Subparts A and E PSES < 10,000 GPD
T-C	413.84 Electroplating PSES > 10,000 GPD
T-D	433.15 Metal Finishing PSES
T-E	433.17 Metal Finishing PSNS
T-F	469.16 and 469.18 Electrical and Electronic Components Subpart A PSES and PSNS
T-G	469.26 Electrical and Electronic Components Subpart B PSES
T-H	469.34 Electrical and Electronic Components Subpart C PSES
T-I	426.136.Glass Manufacturing Subpart M (b) PSNS
T-J	461.15.Battery Manufacturing Subpart A (2) PSNS
T-K	423.16 Steam Electric Power Generating PSES
T-L	439.47 Pharmaceutical Manufacturing Subpart D PSNS
T-M	421.266 Nonferrous Metals Manufacturing Subpart X PSNS
T-N	469.28 Electrical and Electronic Components Subpart B PSNS
T-O	469.36 Electrical and Electronic Components Subpart C PSNS

**APPENDIX T-A
Tempe Local Limits**

Metals	Daily Maximum mg/l	Organics	Daily Maximum mg/l	
Arsenic	0.13	Benzene	0.035	
Cadmium	0.047	Chloroform	2.0	
Copper	1.5	Other	Daily Maximum	
Lead	0.41	pH (High)	10.5 standard units	
Mercury	0.0023	pH (Low)	5 standard units	
Selenium	0.10	Temperature (Max)	150°F/66°C	Degrees
Silver	1.2	Flash Point	140°F/60°C	Degrees
Zinc	3.5			
Anions	Daily Maximum mg/l	Prohibited Substances		
Cyanide (T)	2.00	4,4' - DDE		
		4,4' - DDT		
		Aldrin		
		BHC-Alpha		
		BHC-Beta		
		BHC-Gamma (Lindane)		
		Heptachlor		
		Heptachlor Epoxide		
		Polychlorinated Biphenyl Compounds (PCBs)		
		Pretreatment Sludges		

APPENDIX T-B

40 CFR 413 - Electroplating Point Source Category, <10,000 GPD

**40 CFR 413.14, Subpart A – Electroplating of Common Metals Subcategory,
Pretreatment Standards for Existing Sources (PSES)**

and

**40 CFR 413.54, Subpart E – Coatings Subcategory,
Pretreatment Standards for Existing Sources (PSES)**

Parameter	Daily Maximum mg/l	Four-Day Average mg/l	Sample Method
Cyanide, Amenable*	5.00	2.70	Grab
Lead, Total	0.60	0.40	Composite
Cadmium, Total	1.20	0.70	Composite
Total Toxic Organics**	4.57	N/A	Grab

* The Cyanide sample shall be taken at the end of CN destruction and before mixing with any other waste stream if process is present.

** See Attachment 1

APPENDIX T-C

40 CFR 413.84 - Electroplating Point Source Category, > 10,000 GPD Subpart H - Printed Circuit Board Subcategory, Pretreatment Standards for Existing Sources (PSES)

Parameter	Daily Maximum mg/l	Four-Day Average mg/l	Sample Method
Cyanide, Total*	1.90	1.00	Grab
Copper, Total	4.50	2.70	Composite
Nickel, Total	4.10	2.60	Composite
Chromium, Total	7.00	4.00	Composite
Zinc, Total	4.20	2.60	Composite
Lead, Total	0.60	0.40	Composite
Cadmium, Total	1.20	0.70	Composite
Total Metals**	10.50	6.80	Composite
Total Toxic Organics***	2.13	N/A	Grab

* The Cyanide sample shall be taken at the end of CN destruction and before mixing with any other waste stream if process is present.

** The term "total metals" is defined as the sum of the concentration or mass of Copper (Cu), Nickel (Ni), Chromium (Cr)(total) and Zinc (Zn).

*** See Attachment 1

APPENDIX T-D

**40 CFR 433.15 - Metal Finishing Point Source Category,
Subpart A – Metal Finishing Subcategory,
Pretreatment Standards for Existing Sources (PSES)**

Parameter	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
Cadmium, Total	0.69	0.26	Composite
Chromium, Total	2.77	1.71	Composite
Copper, Total	3.38	2.07	Composite
Lead, Total	0.69	0.43	Composite
Nickel, Total	3.98	2.38	Composite
Silver, Total	0.43	0.24	Composite
Zinc, Total	2.61	1.48	Composite
Cyanide, Total*	1.20	0.65	Grab
Total Toxic Organics**	2.13	N/A	Grab

* The Cyanide sample shall be taken at the end of CN destruction and before mixing with any other waste stream if process is present.

** See Attachment 1

APPENDIX T-E

**40 CFR 433.17 - Metal Finishing Point Source Category,
Subpart A – Metal Finishing Subcategory,
Pretreatment Standards for New Sources (PSNS)**

Parameter	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
Cadmium, Total	0.11	0.07	Composite
Chromium, Total	2.77	1.71	Composite
Copper, Total	3.38	2.07	Composite
Lead, Total	0.69	0.43	Composite
Nickel, Total	3.98	2.38	Composite
Silver, Total	0.43	0.24	Composite
Zinc, Total	2.61	1.48	Composite
Cyanide, Total*	1.20	0.65	Grab
Total Toxic Organics**	2.13	N/A	Grab

* The Cyanide sample shall be taken at the end of CN destruction and before mixing with any other waste stream if process is present.

** See Attachment 1

APPENDIX T-F

**40 CFR 469.16 – Electrical and Electronic Components Point Source Category,
Subpart A – Semiconductor Subcategory
Pretreatment Standards for Existing Sources (PSES)**

AND

**40 CFR 469.18 - Electrical and Electronic Components Point Source Category,
Subpart A - Semiconductor Subcategory,
Pretreatment Standards for New Sources (PSNS)**

Parameter	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
Total Toxic Organics*	1.37	N/A	Grab

* See Attachment 1

APPENDIX T-G

**40 CFR 469.26 - Electrical and Electronic Components Point Source Category,
Subpart B - Electronic Crystals Subcategory,
Pretreatment Standards for Existing Sources (PSES)**

Parameter	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
Total Toxic Organics*	1.37	N/A	Grab
Arsenic, Total	2.09	0.83	Composite

* See Attachment 1

APPENDIX T-H

**40 CFR 469.34 - Electrical and Electronic Components Point Source Category,
Subpart C - Cathode Ray Tube Subcategory,
Pretreatment Standards for Existing Sources (PSES)**

Parameter	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
Total Toxic Organics*	1.58	N/A	Grab
Cadmium, Total	0.06	0.03	Composite
Chromium, Total	0.65	0.30	Composite
Lead, Total	1.12	0.41	Composite
Zinc, Total	1.38	0.56	Composite
Fluoride, Total	35.00	18.00	Composite

* See Attachment 1

APPENDIX T-I

**40 CFR 426.136 - Glass Manufacturing Point Source Category
Subpart M (b) - Hand Pressed and Blown Glass Manufacturing Subcategory
Pretreatment Standards for New Sources (PSNS)**

Parameter	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
Fluoride, Total	26.00	13.00	Composite

APPENDIX T-J

**40 CFR 461.15 - Battery Manufacturing Point Source Category
Subpart A (2) - Cadmium Subcategory - Impregnated Anodes
Pretreatment Standards for New Sources (PSNS)**

Parameter	Daily Maximum mg/kg	Monthly Average mg/kg	Sample Method
Cadmium, Total	40.00	16.00	Composite
Nickel, Total	110.00	74.00	Composite
Zinc, Total	204.00	84.00	Composite
Cobalt, Total	28.00	14.00	Composite

APPENDIX T-K

40 CFR 423.16 - Steam Electric Power Generating Point Source Category Pretreatment Standards for Existing Sources (PSES)

Parameter	Chemical Metal Cleaning Wastes Daily Maximum mg/l	Cooling Tower Blowdown Maximum anytime mg/l	Sample Method
Copper, Total*	1.00	N/A	Composite
Chromium, Total	N/A	0.20	Composite
Zinc, Total	N/A	1.00	Composite
All other Priority Pollutants	N/A	No Detectable Amount	Composite

There shall be no discharge of Polychlorinated Biphenyls.

* This applies only when chemical metal cleaning waste is being discharged.

APPENDIX T-L

40 CFR 439.47 - Pharmaceutical Manufacturing Point Source Category
Subpart D - Mixing/Compounding and Formulation Subcategory
Pretreatment Standards for New Sources (PSNS)

Parameter	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
Acetone	20.70	8.20	Grab
n-Amyl acetate	20.70	8.20	Grab
Ethyl acetate	20.70	8.20	Grab
Isopropyl acetate	20.70	8.20	Grab
Methylene chloride	3.00	0.70	Grab

APPENDIX T-M

**40 CFR 421 - Nonferrous Metals Manufacturing Point Source Category
Subpart X - Secondary Precious Metals Subcategory,
§421.266 - Pretreatment Standards for New Sources (PSNS)
(c) Spent Plating Solutions**

(as amended at 55 FR 31711-31713, August 3, 1990)

Pollutant	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
Copper	1.28	0.61	Composite
Cyanide (Total)	0.20	0.08	Grab
Zinc	1.02	0.42	Composite
Combined Metals (Au, Pt, Pd only)	0.30	----	Composite
Ammonia (as N)	133.30	58.60	Composite

APPENDIX T-N

**40 CFR 469.28 - Electrical and Electronic Components
Point Source Category
Subpart B - Electronic Crystals Subcategory
Pretreatment Standards for New Sources (PSNS)**

Parameter	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
Total Toxic Organics*	1.37	N/A	Grab
Arsenic (T)**	2.09	.083	Composite

** The Arsenic (T) limitation only applies to manufacturers of gallium or indium arsenide crystals.

APPENDIX T-O

**40 CFR 469.36 – Electrical and Electronic Components
Point Source Category
Subpart C – Cathode Ray Tube Subcategory
Pretreatment Standards for New Sources (PSNS)**

Parameter	Daily Maximum mg/l	Monthly Average mg/l	Sample Method
TTO*	1.58	N/A	Grab
Cadmium (T)	0.06	0.03	Composite
Chromium (T)	0.56	0.26	Composite
Lead (T)	0.72	0.27	Composite
Zinc (T)	0.80	0.33	Composite
Fluoride (T)	35.00	18.00	Composite

GUIDE TO THE SIU COMPLIANCE STATUS REPORT FORM

In order to facilitate understanding of the information supplied on the Significant Industrial User (SIU) Compliance Status Report Form contained in this report, the following words and phrases have been defined beginning with the top left hand portion of the form and continuing through to the bottom of the reverse side (refer to sample form following this guide):

1. **NAME:** The correct legal name of the significant industrial user (SIU).
2. **REPORT PERIOD:** The report is done yearly or on a quarterly basis. The four quarters end on March 31, June 30, September 30, and December 31. The year ends on December 31. The report period including the year is shown here.
3. **SERVICE ADDRESS:** The street address of the SIU, which contains the authorized discharge point(s) to the sewer.
4. **MAILING ADDRESS:** The address where written communication is given to the SIU. This may be the same as the service address.
5. **CATEGORICAL INDUSTRIAL USER:** This is followed by a "yes" or "no". If a yes is inserted, then the appropriate 40 CFR Citation is used in 5a. For example, a company having plating operations with thermal infusion coating process would have a 40 CFR cite of 40 CFR 433.17. "CFR" stands for Code of Federal Regulations. If this is a Non-Categorical SIU, N/A would be shown in 5a.
6. **LIMITS APPENDIX:** Identifies the parameters and limits with which the SIU must comply. These limits are identified with letters of the alphabet, which in turn corresponds to the applicable limits. For example, the letter "A" contains the city code limitations. To review the actual limitations, see the limits appendices found in this Report.
7. **BMR SUBMITTED:** This is the date that the Baseline Monitoring Report (BMR) was submitted. This report is a requirement for all categorical users discharging to the sewer.
8. **TTO Certification Date Submitted:** Either the date submitted or N/A should be indicated. For facilities having limits for total toxic organics (TTO), this indicates the date certification was last provided during the pretreatment year.
9. **PERMIT EFFECTIVE:** This is the date that a City Permit was effective authorizing the SIU to discharge to the City sewer.
10. **PERMIT EXPIRES:** This is the date that the City Permit expires. If the date is followed by the letters "AC", this means that even though the SIU timely submitted an application for a renewed permit, a renewed permit has not yet been issued and is administratively continued or automatically extended. The existing permit remains in full force and effect until the renewed permit is issued.
11. **SAMPLING LOCATION VERIFIED ON:** This is the last date on which the point at which compliance samples are taken was visually viewed and verified by the City.
12. **RCRA NOTICE:** This acronym stands for the Resource Conservation and Recovery Act (42 U.S.C. § 6901 et seq.). 40 CFR 403.8(f)(2)(iii) requires the City to notify industrial users (IUs) of any applicable requirements under Subtitles C and D of RCRA. Generally, this notice describes requirements applicable to IUs regarding the identification of hazardous wastes generated by those IUs and limitations regarding hazardous waste accumulation and storage by IUs. This notice is generally given to the IU in one of the following EPA documents: "RCRA Information on Hazardous Waste for Publicly Owned Treatment Works"; Understanding the Small Quantity Generator Hazardous Waste Rules." The RCRA Notice is the date of the letter sent to the IU.
13. **SLUG CONTROL PLAN EVALUATION DATE:** This is the last date that the SIU was evaluated to determine the need for a plan to control slug discharges.
14. **COMPLIANCE SAMPLING POINT No:** This refers to a manhole, petcock, valve, sampling port, open-channel flow device, or other waste plumbing appurtenance specifically

designated by the Director for monitoring wastewater flows and for collection of samples for determination of compliance with effluent limitations.

15.
 - a. **NUMBER OF INSPECTIONS:** Indicates the number of on-site inspections of the SIU during the quarter. Every inspection is followed-up with a written report. The date the inspection was actually performed determines its quarter location on the form, even though a typed report may not be finalized until a later quarter.
 - b. **NUMBER OF CITY SAMPLING DAYS:** Indicates the actual number of days that the City took wastewater samples that were successfully analyzed with a result during the quarter for the IU as a whole. NOTE: Days in which pH was the only parameter monitored are not included in this number. NOTE: Where the IU has multiple compliance sampling points, the number City Sampling Days IS NOT multiplied by the number of compliance sampling points.
 - c. **NUMBER OF SIU SAMPLING DAYS:** Indicates the actual number of days that the SIU took wastewater samples that were successfully analyzed with a result during the quarter. Note: Days in which pH was the only parameter monitored are not included in this number.
 - d. **NUMBER OF PARAMETER VIOLATIONS:** Indicates the actual number of parameters (limitations) that were violated during the quarter. As an example, if there was one copper and one silver limit exceeded on July 14, then the Arabic number two (2) would appear for this requirement in the Third Quarter box.
 - e. **NUMBER OF INSPECTION VIOLATIONS:** Indicates by quarter the number of pretreatment violations that were found through on-site inspections of the SIU.
 - f. **NUMBER OF REPORTING VIOLATIONS:** SIUs are required to submit periodic reports that include results of their sampling, as well as meeting other reporting obligations. This indicates the actual number of pretreatment violations arising from failure to meet reporting requirements.
 - g. **NUMBER OF PERMIT CONDITION VIOLATIONS:** Indicates by quarter the number of permit condition violations found. Examples of permit condition violations are failure to sample required parameters; using incorrect analytical methods; taking grab samples in lieu of composite when required. NOTE: Each parameter counts as a violation where the IU fails to sample or fails to correctly analyze.
 - h. **COMPLIANCE STATUS:** This is indicated by the letters "C", "I", and "S", which is further discussed in "Compliance codes" below.
 - i. **EVALUATED AS OF:** This is the actual date on which the compliance status of the SIU was determined, using data available at that time.

16. COMPLIANCE CODES:

- a. C = Compliance: This means that the SIU was in 100 percent compliance with every applicable pretreatment requirement for every day in the quarter.
- b. I = Inconsistent Compliance: This means that the SIU had at least one pretreatment violation during the quarter, but the violation(s) did not meet the definition of Significant Noncompliance (SNC).
- c. S = Significant Noncompliance (SNC): This is a term that is defined in 40 CFR 403.8(f)(2)(vii) and in City Code that requires an IU having SNC pretreatment violations to be published in the largest local daily newspaper (Arizona Republic). SNC is determined for each quarter using data from the previous six months. The quarter for SNC is determined by the date on which the violation occurred, i.e., the quarter for SNC late reporting is the first day on which the report is late. Pretreatment Violations that meet the SNC criteria are:
 - (i) chronic violations of wastewater discharge limits are those in which 66 percent or more of all of the measurements taken during a six-month period exceed (by any magnitude) the daily maximum limit or the average limit for the same pollutant

- parameter;
- (ii) technical review criteria (TRC) violations, are those in which 33 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 or 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);
 - (iii) any other violation of a pretreatment effluent limit (daily maximum or longer-term average) that the City determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of Publicly Owned Treatment Plant (POTW) personnel or the general public);
 - (iv) 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 to halt or prevent such a discharge;
 - (v) failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a permit or enforcement order for starting construction, completing construction, or attaining final compliance;
 - (vi) 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;
 - (vii) failure to accurately report noncompliance; or
 - (viii) any other violation or group of violations, which the City determines, will adversely affect the operation or implementation of the local pretreatment program.

17. IF COMPANY IS IN "I" OR "S" THEN THE FOLLOWING TABLE APPLIES: This table contains information, which clarifies the nature and degree of violation of pretreatment requirements. The Quarter indicates what time period in which the violation occurred. The type of violation tells what it is, e.g., parameter, reporting, permit condition, etc. This is followed by boxes labeled "date of violation", sample composite or grab", "limit federal or city", and "monitoring City or IU", which further identify the violation and source of detection. The remaining large box identifies the parameter violated, a comparison of the violation number with the actual limitation, and the total number of City and IU measurements combined per quarter for the purpose of SNC evaluation.

18. ENFORCEMENT STATUS: Is identified with letters of the alphabet by quarter. These letters are discussed in "Enforcement Status Codes," below.

19. ENFORCEMENT STATUS CODES:

- A. Notice of Violation (NOV) - Written notice to the violating SIU, that a pretreatment violation had occurred and requesting information as to why it happened and what corrective measures will be taken to prevent future occurrences.
- B. Administrative Order (AO) - A written document issued by the City ordering specified action to be taken. These generally are compliance orders instructing the SIU to install pretreatment equipment. Note: Requiring an appearance of the SIU at an administrative proceeding falls within this category.
- C. Civil Action Filed - A lawsuit filed in Maricopa County Superior Court or U.S. District Court seeking damages, civil penalties, and/or an injunction for pretreatment violations.
- D. Criminal Action Filed - An action taken by the City Prosecutor seeking criminal fines and/or jail time for pretreatment violations.
- E. Pretreatment Settlement Agreement (PSA) - An out-of-court settlement addressing pretreatment violations. These agreements may provide for the payment of monetary penalties, completion of a compliance schedule, as well as stipulated civil penalties for future violations.
- F. Assessment of Monetary Penalties - This can be done as part of an out of court settlement or included within a civil action. This is the payment of money by the SIU for pretreatment

violations. The maximum civil penalty by law is \$25,000 per day for each violation.

- G. Restriction of Flow - Reduction of the volume of industrial wastewater that can be lawfully discharged into the sanitary sewer.
 - H. Permit Revocation - A SIU can only lawfully discharge wastewater in accordance with a Permit issued by the City, which Permit can be taken away from the SIU.
 - I. Compliance Schedule Issued - Is a timetable under which specified pretreatment equipment must be installed and/or management and operation practices must be implemented. Such schedules may also be part of Administrative Orders or within Review Meeting Summaries.
 - J. Disconnection from Sewer - The actual physical blocking of the SIU from the sanitary sewer.
 - K. Published in Newspaper as Significant Violator in Prior Reporting Year - Newspaper publication is required of all SNC violators during the prior reporting year. This publication is generally done in March.
 - L. Temporary Increase in SIU Self Monitoring (TISM) - If an SIU has one or more violations of any effluent limit, then the IU is notified that it is required to sample for all parameters that were violated once a week for four consecutive weeks. In the event that it is not possible for an IU to increase the frequency of self monitoring, then an unannounced inspection at the IU site will be performed. The cost of this enforcement activity will be billed to the IU. This procedure would apply to those IUs who are currently sampling every day or for every batch prior to discharge.
 - N. No Enforcement Action - Enforcement action is not required or necessary.
- 20. ENFORCEMENT SUMMARY AND COMMENTS:** This begins the reverse portion of the form. Its purpose is to highlight and further elaborate upon violations and the appropriate enforcement action taken.
- 21. COMPANY NAME:** The legal name of the SIU.
- 22. PROCESS FLOW:** The calculated yearly average of wastewater that the SIU discharges to the sewer. This is usually stated in gallons per day (GPD).
- 23. GENERAL INFORMATION:** This section contains a brief description of what the SIU manufactures or what their regulated processes are in addition to the type of wastewater treatment system in place.
- 24. 1ST QUARTER:** Provides for enforcement summary and comments for the quarter ending March 31.
- 25. 2ND QUARTER:** Provides for enforcement summary and comments for the quarter ending June 30.
- 26. 3RD QUARTER:** Provides for enforcement summary and comments for the quarter ending September 30.
- 27. 4TH QUARTER:** Provides for enforcement summary and comments for the quarter ending December 31.
- 28. TO BE PUBLISHED THIS YEAR IN NEWSPAPER AS A SIGNIFICANT VIOLATOR:** SNC SIUs must be published in the newspaper. Indicate whether the SIU will be published for this reporting year is indicated in this section.
- 29. PENALTIES ASSESSED THIS REPORTING YEAR:** The City can seek civil penalties from SIUs for pretreatment violations. This section provides a running total of the amount of civil penalties assessed as agreed in all Pretreatment Settlement Agreements during the reporting year. NOTE: This is NOT the amount of calculated civil penalties. If criminal monetary penalties and/or jail time is applicable, then this will be specifically stated in this section.
- 30. PENALTIES COLLECTED THIS REPORTING YEAR:** This section provides a running total of the amount of all monetary penalties collected during the reporting year.

SECTION 2.1
CITY OF GLENDALE

POTW PRETREATMENT ANNUAL REPORT

CITY OF GLENDALE, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2019 through 12/31/2019

Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment Plant

NPDES Permit Number: AZ0020524

Person to Contact Concerning City of Glendale Information Contained in the Report:

Megan Sheldon
Deputy Director, Water Services
City of Glendale
7070 West Northern Avenue
Glendale, Arizona 85303
623-930-4115

As required by 40 C.F.R. Section 122.22(b)(2):

I certify under penalty of law that all CITY OF GLENDALE attachments contained in this document 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.

2/5/2020
Date:

Megan Sheldon
Megan Sheldon
Deputy Director, Water Services
City of Glendale, Arizona

CITY OF GLENDALE, ARIZONA



WESTGATE CITY CENTER: In the heart of Glendale's Sports & Entertainment District, Westgate includes restaurants, shops, hotels, sports and entertainment.

Glendale was founded in 1892 by W.J. Murphy and is located in Maricopa County on the western border of Phoenix. Incorporated as a town in 1910, agriculture and railway shipping sustained Glendale's early growth. The City has grown from its original one square mile to 61.5 square miles today.

Glendale's modern economic base is diverse and continues to expand. Major industries experiencing significant growth include healthcare, advanced business services, high tech manufacturing, technology, education, aviation, and aerospace and defense. Luke Air Force Base is the largest fighter training base in the western world and is located on the western boundary of Glendale known as the "New Frontier".

Downtown Glendale is the historic heart of Glendale and is renowned for its small town charm and spectacular annual events. The Glendale Sports and Entertainment District (SED) will again be in the international spotlight, hosting the 2023 Superbowl and 2024 NCAA Final Four Tournament. The SED is also home to the NHL Gila River Arena and NFL State Farm Stadium and Camelback Ranch spring training facility.

The Glendale Pretreatment Program officially began in 1983 as a requirement of the US EPA. The basis of this requirement is the 1972 Clean Water Act and the 1978 Federal General Pretreatment Regulations. The objectives of the Pretreatment Program are to prevent interference at the 91st Avenue Publicly Owned Treatment Works, prevent pass-through of pollutants from the treatment works, prevent contamination of treatment plant sludge to allow for land application or landfilling, and to protect the health and safety of our sewer and treatment plant personnel.

City of Glendale NPDES Annual Report 2019

Pretreatment Program Changes and Other Activities

Program Changes

A new Pretreatment Programs Administrator, Dave Nigh was hired to lead the team in our Environmental Resources Division of the Water Services Department.

SROG Participation

City of Glendale Pretreatment personnel participate in monthly Sub Regional Operating Group (SROG) Technical Advisory Committee meetings held at the AMWUA offices in Phoenix. Glendale Pretreatment personnel also attend quarterly Multi Cities FOG (fats, oil & grease) interest group meetings to discuss valley wide FOG related issues, and AZ WATER Pretreatment Committee meetings as well.

Glendale personnel also attend SROG meetings as needed regarding the 91st Ave POTW.

Training / Seminars Attended by Pretreatment Personnel

- City of Glendale Pretreatment personnel use an online safety training program to complete required OSHA compliance trainings.
- The annual AZ WATER conference was attended by pretreatment division staff in May 2019.
- Four pretreatment employees completed the Grease Interceptor training workshop in September 2019.
- All pretreatment inspectors attended a two-day AZ FOG & Pretreatment workshop in November 2019.

Public Participation / Education

The City of Glendale Pretreatment Program webpage is available through the city website at www.glendaleaz.com

City of Glendale Pretreatment personnel routinely distribute brochures during commercial inspection such as: *The City of Glendale Pretreatment Program*; *Pollution Prevention for Automotive Maintenance and Repair Shops*; *Pocket Guide to Grease Traps and Interceptors for Eating Establishments*; *Fat-Free Sewers (Published in English and Spanish)*; *Pollution Prevention Begins with You*; and the ADEQ *Managing Hazardous Waste Handbook*.

City of Glendale

Pretreatment Program 2019

Pollution Prevention Through Point Source Control Measures

Section C.1 of the National Pollutant Discharge Elimination System (NPDES) Permit No. AZ0020524 requires Sub-Regional Operating Group (SROG) member cities to submit progress reports detailing efforts pertaining to pollution prevention through point source control measures. The City of Glendale's activities of January through December 2019 are summarized below.

Point Source Control Program

Pollutants of Concern:

Businesses that have the potential to discharge pollutants of concern have been found in more than 50 different SIC code designations within the City of Glendale. Our commercial inspection program includes all businesses with pollutants of concern including, but not limited to: laundries, dry cleaners, beauty shops, automotive repair, car washes, medical facilities, and public schools. Our updated database includes over 1,400 such businesses in Glendale and pollution prevention inspections are performed periodically at these businesses. There were over 478 commercial inspections conducted in 2019 (includes follow-up inspections). Educational materials regarding waste minimization and pollution prevention are handed out during these inspections.

Fats, Oil & Grease Program:

The City of Glendale's Pretreatment database currently identifies 925 active restaurants, taverns, and other establishments that have potential fats, oil, and grease (FOG) discharges and thus receive periodic inspections by the staff. There were over 500 FOG related field inspections performed during 2019. The importance of FOG facility inspections continues and accounted for more than 50% of all pretreatment inspections conducted in 2019.

Significant Industrial Users (SIUs):

Annual sampling is conducted at Arrowhead Hospital; Banner Thunderbird Medical Center; Corning Communications; Magellan Aerospace, Glendale, Inc.; All Pro Pumping Company; and American Pumping Company. All Significant Industrial Users are sampled and inspected on an annual basis to ensure compliance with industrial pretreatment discharge permit requirements. The City of Glendale Pretreatment Program periodically reviews business license records, planning and building department information and conducts field investigations to find other potential significant industrial users.

Storm Water Program:

The City of Glendale's Municipal Separate Storm Sewer System (MS4) Permit was re-issued in August of 2010. With this permit, the Glendale Pretreatment Program received additional duties. Pretreatment staff perform at least 100 stormwater related inspections of commercial and industrial facilities per fiscal year as required by the MS4 permit. For the calendar year from January 1, 2019 to December 31, 2019, the City of Glendale Pretreatment Program conducted 139 storm water inspections from a prioritized list based on the 11 storm water categories outlined by the Arizona Department of Environmental Quality. A one-page best management practices guidance document for stormwater pollution prevention was provided to several businesses, malls, and shopping centers to fulfill an educational outreach requirement in 2019.



CITY OF GLENDALE

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2019 – December 31, 2019 – Total Pretreatment Expenditures \$408,546.00

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2018</u>	<u>FTEs 2019</u>
Pretreatment Program Manager	1.0	1.0
Senior Pretreatment Inspector	1.0	0.0
Pretreatment Inspector	3.0	3.0

PRETREATMENT PROGRAM EXPENDITURES

Computer Upgrades & Equipment	\$ 16,697.00
Chemicals, Sampling Supplies	\$ 5,000.00
General Supplies & Phones	\$ 7,115.00
Laboratory Analysis	\$ 18,243.00
Maintenance	\$ 10,474.00
Vehicles & Fuel	\$ 7,365.00
Professional Development	\$ 2,254.00
Permit Fees	\$ 3,000.00
Personnel Expenses	\$ 338,398.00

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2019</u>	<u>Total 2019</u>
Computers	1	5
Samplers	0	5
Flowmeters	0	3
pH Meters	0	3
Vehicles	0	4
Gas Detectors	0	3
Tablets	0	5

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
1.	American Pumping Company 7220 N. 65th Avenue Glendale, Arizona 85301 Signatory: Mr. Tim Dear, Owner Contact: Mr. Tim Dear Phone: 602-252-8111	91 st Avenue	7699 1711	Local Limits
2.	Arrowhead Hospital 18701 N. 67th Avenue Glendale, AZ 85308 Signatory: Mr. Tim Riley, Director Facilities Services Contact: Mr. Tim Riley Phone: 623-537-3444	91 st Avenue	8062	Local Limits
3.	Banner Thunderbird Medical Center 5555 W Thunderbird Rd. Glendale, AZ 85306 Signatory: Mr. Raul Haro, Plant Operations Manager Contact: Mr. Raul Haro Phone: 602-865-3023	91 st Avenue	8062	Local Limits
4.	Corning Optical Communication RF LLC 5310 West Camelback Road Glendale, AZ 85301 Signatory: Mr. Gary DeRichie, Environmental Health and Safety Manager Contact: Mr. Gary DeRichie Phone: 623-245-1050 Ext. 230	91 st Avenue	3644 3471	433.15
5.	Magellan Aerospace, Glendale Inc. 5440 West Missouri Ave Glendale, AZ 85301 Signatory: Mr. Jason Dougherty, EHS Coordinator Contact: Mr. Jason Dougherty Phone: 623-934-7062	91 st Avenue	3361 3479	433.15
6.	All Pro Pumping and Hydro Jetting 6525 W. State Ave Glendale, AZ 85301 Signatory: Robert Miller, President Contact: Robert Miller Phone: 623-776-3230	91 st Avenue	7699 1711	Local Limits



City of Glendale
PRETREATMENT PERFORMANCE SUMMARY
91st Avenue Wastewater Treatment Plant

I. General Information						
Control Authority Name: City of Glendale			NPDES No.: AZ0020524			
Address: 5901 N. Glen Harbor Boulevard		City: Glendale		State: Arizona		ZIP: 85307-4502
Contact Person: Dave Nigh, Pretreatment Programs Administrator				Contact Telephone Number: (623) 930-4779		
Reporting Period: January 1 – December 31, 2019		Categorical IUs: 2		Significant Non-Categorical IUs: 4		
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	Ne	%	Ne	%	Ne	%
1. No. of SIUs in Full Compliance	2	100	4	100	6	100
2. No. of SIUs in Inconsistent Compliance	0	0	0	0	0	0
3. No. of SIUs in Significant Noncompliance	0	0	0	0	0	0
4. No. of Parameter Violations	0		0		0	
5. No. of Reporting Violations	0		0		0	
6. No. of Permit Condition Violations	0		0		0	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	0		0		0	
2. No. of Non-sampling Inspections Conducted	2		4		6	
3. No. of Facilities Inspected (Non-sampling)	2		4		6	
4. No. of Sampling Visits Conducted	8		11		19	
5. No. of Facilities Sampled	2		4		6	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
1. Notices of Violations Issued to SIUs	0		0		0	
2. Temporary Increase in IU Self Monitoring	0		0		0	
3. Administrative Orders Issued to SIUs	0		0		0	
4. Compliance Schedules Issued	0		0		0	
5. Settlement Agreements	0		0		0	
6. Other Actions	0		0		0	
7. Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$ 0.00 / 0		\$ 0.00 / 0		\$ 0.00 / 0	

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: All Pro Pumping

Process Flow: 27100 gpd (Average)

General Information and type of wastewater treatment

All Pro Pumping specializes in batch treatment of commercial grease trap and residential septic waste. All Pro Pumping pretreatment system is a non-hazardous liquid waste dewatering system that consists of lime conditioning, polymer addition, and belt press dewatering. Discharge average is approximately 62,354 gallons per day, 30 days per month. Flow and pH are monitored continuously during all batch discharges.

First Quarter

Second Quarter

Third Quarter

Fourth Quarter

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: American Pumping Service, Inc.

Process Flow: 8,981 gpd (Average)

General Information and type of wastewater treatment	<p>American Pumping specializes in batch treatment of commercial grease traps. American Pumping's pretreatment system is a non-hazardous liquid waste dewatering system that consists of lime conditioning, polymer addition, and belt press dewatering. Discharge average is approximately 8,981 gallons per day. Flow and pH are monitored continuously during all batch discharges.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arrowhead Hospital

Process Flow: 69,985 gpd (Average)

General Information and type of wastewater treatment	<p>Arrowhead Hospital is a full service health care facility with medical and surgical services. Pretreatment consists of acid neutralization (tank), solids screening, and a single three stage grease interceptor that collects hospital cafeteria waste.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Banner Thunderbird Medical Center

Process Flow: 81,385 gpd (Average)

General Information and type of wastewater treatment

Banner Thunderbird Medical Center is a full service health care facility with medical and surgical services. Pretreatment consist of solids separation/settling along with a single three stage grease interceptor which collects hospital cafeteria waste.

First Quarter

Second Quarter

Third Quarter

Fourth Quarter

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Corning Optical Communications RF LLC

Process Flow: 33670

General Information and type of wastewater treatment	<p>This facility manufactures coaxial cable connectors. Pretreatment consists of hydroxide precipitation, chromium reduction, chemical oxidation, stream segregation, filtration, sedimentation, and pH neutralization. Corning-Gilbert monitors flow and pH on a daily basis.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Magellan Aerospace, Glendale, Inc.

Process Flow: 2754 gpd (Average)

General Information and type of wastewater treatment	<p>Magellan Aerospace, Glendale, Inc. produces aluminum and magnesium parts by casting. Pretreatment system consists of treating chrome rinse water by reducing chrome III with SO₂, neutralizing, and filter pressing of the resulting sludge. Non chrome rinse baths are batch reduced then released. There is no discharge to the sewer from their casting quench operation. Flow and pH are monitored on a continuous basis.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

SECTION 2.2
CITY OF MESA

POTW PRETREATMENT ANNUAL REPORT

CITY OF MESA, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2019 through 12/31/2019

Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment Plant

NPDES Permit Number: AZ0020524

Person to Contact Concerning City of Mesa Information Contained in the Report:

Gene Gonzales
Industrial Pretreatment Supervisor
640 North Mesa Drive
Post Office Box 1466
Mesa, Arizona 85211
480-644-5770

As required by 40 C.F.R. Section 122.22(b)(2):

I certify under penalty of law that all CITY OF MESA attachments contained in this document 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.

2/4/2020

Date:



Carlos Padilla
Assistant Water Director
Water Resources Department
City of Mesa, Arizona



Since its incorporation over 100 years ago, the City of Mesa has experienced tremendous growth. Today it remains primed for further growth in size, population, and employment. The history of Mesa extends back to the Hohokam Indians, the “Departed Ones,” who built the original canal system in the Valley. Mesa’s modern history began in 1877 when a group of Mormon colonists arrived in Lehi and built Fort Utah near the present day intersection of Lehi and Horne Roads. In 1878, a second group of Mormon colonists arrived and established what modern day Mesa became by registering the square mile bounded by the present day Mesa Drive, Country Club, University, and Broadway Roads. In 1883, the City of Mesa was officially incorporated and had an estimated 200 residents.

Almost fifty years later, in 1930, the City’s area had expanded to approximately 2.3 square miles and the population had increased to 3,711. Mesa’s area and population increased rapidly thereafter. By 1960, Mesa’s area was over 15 square miles and the population was nearly 34,000, concentrated near the historic city center. By 1980, the City boundaries had expanded significantly, increasing the City’s area to over 66 square miles, and the population had increased to over 152,000. Over these last 30 years, Mesa has continued its rapid growth and expansion to the east. By 2010, the City’s area and population had grown to 138 square miles and an estimated population of 511,344 residents and 190,175 dwellings. The Mesa Municipal Planning Area is generally bounded by the Salt River on the north, Baseline Road or Germann road on the south, the Loop 101 Freeway on the west, and Meridian Road on the east and covers approximately 172 square miles.



The City of Mesa has an elected Mayor and six City Council members that are limited to two consecutive terms. The City operates under a charter form of government, with the Mayor and City Council setting policy. A voter initiative changed the election of the council members from an at-large system to a system of six districts. Council members serve a term of four years, with three members elected every two years. The mayor is elected at-large every four years. The Mesa City Council actively encourages citizen participation in the decision-making process. This citizen involvement is accomplished through neighborhood meetings, advisory boards and committees, and other means. Based on the citizen input, the Council sets policies for the operation and development of the City. The appointed boards and committees play a major role in this process.

The City’s leaders and staff strive to improve the quality of life and sustainability of Mesa by developing and enforcing policies related to the City’s growth and development.

The City of Mesa provides a wide range of services to meet the needs of the citizens and businesses located in Mesa, including roadways; gas, water, and electric utilities; police; fire and medical services;

courts; libraries; solid waste disposal; parks and recreation facilities; arts and cultural programs; and transit. These services significantly improve the quality of life for residents and competitiveness for businesses.

Furthermore, they are not generally provided by the private sector, making it incumbent upon the City to ensure their safe and efficient availability. To provide these services, the City of Mesa draws upon a wide array of revenue sources and makes numerous expenditures. While most of this revenue is from local sources, such as sales taxes, utility charges, and user fees, a proportion also comes from external sources, such as intergovernmental transfers from the State of Arizona. It is critical to the economic well-being of the community that the City's revenues and expenditures are kept in balance.

The mission of the Water Resources Department is to plan, maintain, and protect the City's water supplies in the most efficient and effective manner possible to ensure superior water services to its current and future customers, to improve the quality of life for residents and visitors, and to ensure economic stability and prosperity for Mesa's businesses and industries. The Department consistently improves the efficient use and reuse of current water supplies, secures new and diverse water supplies, and enhances the protection of its water supplies. Over the past few decades the department has developed water sustainability policies that were supported by the City Councils that allowed the City to not only diversify its water resources portfolio but become increasingly drought proof.

The City owns and operates the Southeast Water Reclamation Plant (WRP) and the Northwest WRP. The Southeast WRP currently has an approximate treatment capacity of 9,000 acre-feet per year, while the Northwest WRP has an approximate treatment capacity of 20,000 acre-feet per year.

Mesa is also a partial owner of the 91st Avenue WRP with 38,000 acre-feet per year of capacity and part owner and operator at the Greenfield WRP with another 4,500 acre-feet per year. The City owns 24.86% of recharge capacity at the Granite Reef Underground Storage Project (GRUSP). This project was re-permitted in 2012 at 93,000 acre-feet per year.

Mesa currently produces approximately 40,000 acre-feet of reclaimed water every year. In recent years, public interest in reclaimed water has grown substantially as reclamation and wastewater treatment technologies have continually improved. Mesa's reclaimed water reuse has evolved from only providing direct water supplies to water intensive turf facilities and filling artificial lakes, to now generating power at the Palo Verde Nuclear Power generating station and providing stored supplies for indirect potable reuse. One way stored water supplies are created is when reclaimed water is recharged artificially into the aquifer and recovered as groundwater for later use. Mesa has approximately 92,000 acre-feet of Reclaimed Water Long Term Storage Credits. Mesa also has a water exchange agreement with the Gila River Indian Community (GRIC) through which Mesa will ultimately deliver 29,400 acre-feet per year of reclaimed water to the GRIC and receive in exchange 23,530 acre-feet per year of the Community's CAP water. This agreement allows Mesa to exchange what is essentially a non-potable water supply for a potable supply that can be used for domestic purposes.

The Departments goal is to maintain a water resource program that ensures an adequate, reliable supply of water delivered efficiently to customers to help create and maintain great neighborhoods, grow and maintain diverse and stable jobs, and provide rich, high quality public spaces and cultural amenities.

CITY OF MESA POLLUTION PREVENTION PROGRAM SUMMARY

Introduction

The provisions set forth in the Arizona Pollutant Discharge Elimination System (AZPDES) Permit, requires the City of Mesa to develop and implement a Pretreatment Program. This Program shall conduct many functions as defined in the Permit and 40-CFR-403. One of the functions identified is the development and implementation of a Pollution Prevention/Source Reduction Program. The activities of the program for the period of January 1, 2019 through December 31, 2019, are briefly described below.

Commercial/Industrial Source Control Program

The City of Mesa's Industrial Pretreatment Program established a Commercial Users Program to target the facilities that are not identified as SIU's and that could introduce measurable/controllable amounts of pollutants to the collection system. Using various sources of information, facilities are identified and surveyed for pollutants of concern (POC's). The focus of the program is to reduce these pollutants of concern through educational information and on-site evaluations. These activities were developed to promote the proper maintenance of pretreatment devices and the uses of alternative process chemicals. Emphasis is placed on educating these users and encouraging their compliance through self-regulation rather than City enforcement.

The scope of the commercial program was to identify facilities that cause blockages by the discharge of grease, oils, or other viscous materials. Other pollutants of concern were researched per the results of the influent and effluent samples at the Water Reclamation Plants (WRP). The following support activities for this program were conducted during the year:

1. The Industrial Users Database continued to be updated every year identifying new and existing industrial and commercial establishments in the City of Mesa. This database is used to identify high-density industrial, commercial and rural areas for monitoring activities. During this reporting period there were 2,729 new and existing facilities in the commercial facilities database and 275 were inspected, entered and/or updated. All these facilities have the potential to discharge Pollutant of Concern (POC) to the collection system.
2. In 2017, the City of Mesa partnered with Bakers Commodities and continues to provide 4-locations around the City to better assist residents in the disposal of fryer grease. Baker's recycles cooking oil and grease into products that can be used to feed livestock, power vehicles, and act as a base for everyday items. The goal of the program is to keep the grease out of the municipal sewer system preventing costly Sanitary Sewer Overflows (SSO) and untreated sewage releases into the environment.

3. The City of Mesa continues to work with the surrounding City Governments in implementing the Arizona Fats, Oils & Grease (AZFOG) program. This program's main emphasis was focused on finding ways to reduce the amount of fats, oils, and grease building up within the infrastructure. The program is designed to educate grease haulers and restaurant personnel on proper cleaning procedures of interceptors and grease traps set forth by the local city governments. Mesa continues to work closely with surrounding cities to create a uniformed cleaning and hauling procedures.
4. The City of Mesa has modified existing hospital permits requiring pollution prevention and/or source reduction plans for used and unused pharmaceuticals. This requirement also addresses current disposal practices for controlled substances. The intent of the requirement is to reduce and/or eliminate pharmaceuticals entering the sanitary sewer system.

Educational Source Control Program

The City of Mesa Pretreatment Section continues community outreach with pharmaceutical disposal practices. Mesa's currently distributing Prescription Drug Disposal guidelines "Pain in the Drain" created through ADEQ. The flyers are distributed at the Household Hazardous Waste collection events and at Mesa's public libraries. It is the intent of the educational information to reduce the unused prescription and over the counter medication disposed in household drains.

In addition, the Industrial Pretreatment Section continues to modify the existing multifunctional brochure distributed to the food preparation establishments. This brochure was printed in English and Spanish to reach our diverse community. The information provided focuses on minimizing disposal of grease to sewer.

(New) Household Hazardous Materials Facility & Swap Shop

On October 1, 2019, The Household Hazardous Materials Facility & Swap Shop, located at 2412 N. Center St. Bldg. 2, became open to City of Mesa residents. The facility focuses on Reuse/Recovery of Materials that are typically difficult and costly to dispose. An average of 800 vehicles per month come through to drop off hazardous materials to the facility. Another great attribute to the facility is the Swap Shop which also opened on the same day. When the facility collects materials that are still usable these items are placed into the Swap Shop, which is free for City of Mesa residents to take and reuse. An average of 30% of materials collected are placed in the Swap Shop. Over 700 visitors used the Swap Shop in the first 6 months of operation.

CITY OF MESA
SUMMARY OF SIGNIFICANT CHANGES AND ANNUAL PRETREATMENT BUDGET

The Pretreatment Section continues to oversee all sampling of the industries, collection system and wastewater treatment plants. As well as reviewing and reporting the flows that are conveyed to the 91st Avenue Treatment Plant. This diversity will enable this section to foresee and validate problems in the system. This ability will assist the capacity studies that this section conducts for engineering.

Staff Attendance and Participation in Seminars, Workshops and Training

The Industrial Pretreatment staff has attended or completed the following:

David Gonzales - Supervisor – Retired on 7/2019

- Annual Hazardous Waste Refresher
- Bloodborne Pathogens
- Hazardous Communication Right-to-Know
- Confined Space Training

Eddie Cortinas - Inspector

- Annual Hazardous Waste Refresher
- Bloodborne Pathogens
- Verbal Judo for Regulators
- Confined Space Training
- AZ Water/ FOG Workshop
- Safe Drinking Water Act Training
- Regulatory Compliance Permit Training

Jim Lagrou - Inspector

- Annual Hazardous Waste Refresher
- Bloodborne Pathogens
- Confined Space Training
- AZ Water/FOG Workshop
- Safe Drinking Water Act Training

- Regulatory Compliance Permit Training

Gene Gonzales – Inspector – New Supervisor 8/2019

- Annual Hazardous Waste Refresher
- Bloodborne Pathogens
- Confined Space Training
- Safe Drinking Water Act Training
- Regulatory Compliance Permit Training

Jimmy Hollingsworth – Inspector

- Annual Hazardous Waste Refresher
- Bloodborne Pathogen
- Verbal Judo for Regulators
- Confined Space Training
- AZ Water/FOG Workshop
- Safe Drinking Water Act Training
- Regulatory Compliance Permit Training

CITY OF MESA

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2019 – December 31, 2019 – Total Pretreatment Expenditures

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2018</u>	<u>FTEs 2019</u>
Regulatory Compliance Manager	0.5	0.5
Industrial Pretreatment Supervisor	1.0	1.0
Industrial Pretreatment Inspectors	4.0	4.0
Administrative Aide	0.5	0.5

PRETREATMENT PROGRAM EXPENDITURES

Personnel	360,733.00
Laboratory Services	21,220.00
Training	5,000.00
Other Services	<u>100,233.00</u>
Total	487,186.00

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2019</u>	<u>Total 2019</u>
Autosamplers	0	12
Flow Meters	0	7
pH Meters	0	4
Vehicles	0	6
Computers	0	5
Air Monitors	0	4
Cameras	0	4

	COMPANY NAME AND ADDRESS	WWTP		SIC Code		Regulation
1.	Arizona Cast Turbine ** 3110 N Oakland Mesa, Arizona 85215	91st Avenue		331512		471
2.	Infineon Technologies EPI 550 W Juanita Ave Mesa, Arizona 85210	91st Avenue		334413		469
3.	The Boeing Company ** 5000 East McDowell Road Mesa, Arizona 85215	91st Avenue		336411		433
4.	Banner Desert Medical Center 1400 S. Dobson Rd Mesa, Arizona 85202	91st Avenue		8062		City Code

** These SIU's will also be reported in the Annual Reports submitted for the Northwest Wastewater Treatment Plant Wastewater Treatment Plant on behalf of the City of Mesa per their NPDES Permits.

ADDITIONS

The following Significant Industrial Users were added in 2019:

N/A

DELETIONS

The following Significant Industrial Users have ceased operations in 2019:

N/A

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2019:

N/A

NAME CHANGES

The following Significant Industrial Users changed their names in 2019:

IS NOW

City of Mesa
PRETREATMENT PERFORMANCE SUMMARY
91st Avenue Wastewater Treatment Plant

I. General Information						
Control Authority Name: City of Mesa			NPDES No.: AZ0020524			
Address: P.O. Box 1466		City: Mesa		State: Arizona		ZIP: 85211-1466
Contact Person: Gene Gonzales				Contact Telephone Number: 480-644-5770		
Reporting Period: January 1 – December 31, 2019			Categorical IUs: 3		Significant Non-Categorical IUs: 1	
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	No.	%	No.	%	No.	%
1. No. of SIUs in Full Compliance	3	75	1	100	3	81.25
2. No. of SIUs in Inconsistent Compliance	3	75	0	0	3	75
3. No. of SIUs in Significant Noncompliance	0	0	0	0	0	0
4. No. of Parameter Violations	1		0		4	
5. No. of Reporting Violations	1		0		4	
6. No. of Permit Condition Violations	1		0		4	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	1		0		4	
2. No. of Non-Sampling Inspections Conducted	3		1		4	
3. No. of Facilities Inspected (Non-sampling)	3		1		4	
4. No. of Sampling Visits Conducted	48		0		4	
5. No. of Facilities Sampled	3		1		4	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
1. Notices of Violations Issued to SIUs	1		0		4	
2. Temporary Increase in IU Self Monitoring	0		0		4	
3. Administrative Orders Issued to SIUs	1		0		4	
4. Compliance Schedules Issued	1		0		4	
5. Settlement Agreements	1		0		4	
6. Other Actions	0		0		0	
7. Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$ 0.00 / 0		\$ 0.00 / 0		\$ 0.00 / 0	

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona Cast Turbine

Process Flow: 165 GPD

General Information and type of wastewater treatment	
<p>Manufactures a variety of metal parts for gas turbine engines and other applications using the lost wax precision investment casting process. Replicas of the parts are made in wax by injection into complex metal tooling. The wax replicas are then assembled into "clusters" or "trees" containing one or more parts. The wax trees are coated with ceramic, the wax is melted out, and the resulting hollow ceramic vessel is fired and filled with molten metal of the desired composition. After cooling, the cast metal parts are separated from the trees and subjected to various mechanical finishing processes (turning, milling, brazing, sandblasting, grinding, etc.) to produce the desired finished part. Arizona Cast Turbine is regulated under Title 40-CFR-464.36 and Mesa City Code.</p>	
First Quarter	
<p>On 2/11/19, the City of Mesa conducted 4 days of compliance sampling at Outfall 002</p>	
Second Quarter	
<p>On 4/8/19, the City of Mesa conducted an Announced Annual Compliance Inspection. On 5/6/19, the City of Mesa conducted 4 days of compliance sampling at outfall 002. On 6/15/18, the IU submitted the June PRC with no deficiencies.</p>	
Third Quarter	
<p>On 7/12/19, the IU submitted the June PRC with no deficiencies. The report was submitted late and a NOC #2019-002 was issued for late reporting. On 9/23/19, the City of Mesa conducted 4 days of compliance sampling at outfall 002.</p>	
Fourth Quarter	
<p>On 10/17/18, the City of Mesa conducted 4 days of compliance sampling at outfall 002. On 12/11/18, the IU submitted the December PRC with no deficiencies.</p>	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF MESA
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Banner Desert Medical Center		REPORT PERIOD: 01/01/19 through 12/31/19	
SERVICE ADDRESS: 1400 South Dobson Road Mesa, AZ 85202		MAILING ADDRESS: Same	
CATEGORICAL USER: No	40 CFR	LIMITS APPENDIX:	BMR SUBMITTED: N/A
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 02/13/2015	PERMIT EXPIRES: 02/12/2020
SAMPLING LOCATIONS VERIFIED ON: (001) 08/30/2019		RCRA NOTICE: 11/1987	
SLUG CONTROL PLAN EVALUATION DATE: 05/31/2019			

	1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 – Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	0	0	0	0
Number of IU Sampling Days	0	0	1	0
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	03/31/2019	06/30/2019	09/30/2019	12/31/2019

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date Of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 – Dec 31)
Enforcement Status	M	M	M	M

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Banner Desert Medical Center

Process Flow: 408,716 GPD

General Information and Type of Wastewater Treatment	<p>This is a full-service hospital with 649 licensed beds, operating 24 hours a day, seven days per week. The hospital has approximately 3400 employees. This hospital performs three main specialties: Women's/children's services, medical/surgical services, and emergency services. Discharges occur during all hours of operation ranging from general hospital discharges, cooling tower, boiler, chiller discharges, and kitchen wastewater discharges after it has been treated by a Grease Removal Device (GRD).</p>
First Quarter	N/A
Second Quarter	<p>On May 23, 2019, the IU submitted their June 2019 PRC with no deficiencies. On May 31, 2019, the City of Mesa conducted an Annual Compliance Inspection.</p>
Third Quarter	N/A
Fourth Quarter	<p>On December 9, 2019, the IU submitted their December 2019 PRC with no deficiencies.</p>

To be published for this year in newspaper as a significant violator? Yes No

Penalties this reporting year: Assessed \$ 0.00 / Collected \$ 0.00

**CITY OF MESA
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: The Boeing Company		REPORT PERIOD: 01/01/19 through 12/31/19	
SERVICE ADDRESS: 5000 East McDowell Road Mesa, Arizona 85215		MAILING ADDRESS: Same	
CATEGORICAL USER: Yes	40 CFR – 433.17	LIMITS APPENDIX: A & E	BMR SUBMITTED: 05/28/1991
TTO CERTIFICATION DATE SUBMITTED: 12/17/2019		PERMIT EFFECTIVE: 02/02/2016	PERMIT EXPIRES: 02/01/2021
SAMPLING LOCATIONS VERIFIED ON: (001), 10/09/19 (002), 01/24/19 (003) 03/02/19		RCRA NOTICE: 11/1987	
SLUG CONTROL PLAN EVALUATION DATE: 10/18/2018			

	1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 – Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	8	5	10	9
Number of IU Sampling Days	4	2	4	5
Number of Parameter Violations	0	0	1	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	I	C
Evaluated as of:	03/31/2019	06/30/2019	09/30/2019	12/31/2019

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date Of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3rd	Parameter	8/6/2019	Grab	Federal	City	Chromium	37.5 mg/L / 2.77 mg/L	4

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 – Dec 31)
Enforcement Status	M	M	A	M

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: The Boeing Company
 Process Flow: 7,500 GPD

General Information and Type of Wastewater Treatment	
	<p>Assembles military helicopters and ordinance delivery systems for military applications. Activities conducted on-site consist of assembly, painting, flight testing, and research/development. Major components of the helicopters (e.g., airframes, engines, transmissions, etc.) are manufactured off-site and delivered to The Boeing Company for assembly. Several operations are conducted on-site that are regulated by Title 40-CFR-433. Processes include anodizing, chem-filming, coating, painting, abrasive jet machining, burnishing and the washing of aircraft and aircraft parts. The total process flow regulated by Title 40-CFR-433 averages 7,500 gallons per day.</p>
First Quarter	
	<p>City of Mesa performed compliance monitoring at Outfall 002 on: January 30, February 15, February 21, and March 4, 2019.</p> <p>City of Mesa performed compliance monitoring at Outfall 003 on: January 8, January 15, January 30, and February 15, 2019.</p> <p>On January 14, 2019, Boeing submitted an updated Slug Load Control Plan (SLCP). On January 22, 2019, Boeing submitted letter regarding overlooked daily flow readings at Outfall 001, included were explanation and corrective measures to be taken.</p>
Second Quarter	
	<p>City of Mesa performed compliance monitoring at Outfall 002 on: April 17 and May 8, 2019.</p> <p>City of Mesa performed compliance monitoring at Outfall 003 on: April 1, May 13, and May 17.</p> <p>On June 12, 2019, Boeing submitted their June 2019 PRC with no deficiencies.</p>
Third Quarter	
	<p>On July 3, 2019, Boeing submitted updated Pollution Prevention (P2) progress report.</p> <p>City of Mesa performed compliance monitoring at Outfall 002 on: July 12, July 22, August 1, and August 14.</p> <p>On August 6, 2019, Boeing was issued a Notice of Violation (NOV No. 2019-003) for a chromium exceedance at Outfall 002 from sample collected on July 22, 2019.</p> <p>City of Mesa performed compliance monitoring at Outfall 003 on: July 3, July 18, August 13, and August 21, 2019.</p> <p>City of Mesa performed compliance monitoring (RE-SAMPLE) for NOV requirement at Outfall 002 on: August 14, August 28, and September 9, 2019.</p> <p>On September 5, 2019, the City of Mesa performed an announced Annual Compliance Inspection (2019-016).</p>
Fourth Quarter	
	<p>City of Mesa performed compliance monitoring at Outfall 001(Local Limits) on: October 21, 2019.</p> <p>City of Mesa performed compliance monitoring at Outfall 002 on: October 15, October 16, October 30, and December 16, 2019.</p> <p>City of Mesa performed compliance monitoring at Outfall 003 on: October 1, October 21, November 6, and December 11, 2019.</p> <p>City of Mesa performed compliance monitoring (RE-SAMPLE) for NOV requirement at Outfall 002 on: October 15, 2019.</p> <p>On December 16, 2019 (post-marked December 10, 2019), Boeing submitted their December 2019 PRC with no deficiencies.</p>

To be published for this year in newspaper as a significant violator? Yes No

Penalties this reporting year: Assessed \$ 0.00 / Collected \$ 0.00

**CITY OF MESA
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Infineon Technologies EPI		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 550 West Juanita Avenue, Mesa AZ 85210		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 469.18	LIMITS APPENDIX: A & S	BMR SUBMITTED: 07/08/1995	
TTO CERTIFICATION DATE SUBMITTED: 6/11/19		PERMIT EFFECTIVE: 10/1/2015	PERMIT EXPIRES: 09/30/2020	
SAMPLING LOCATION VERIFIED ON: 2/26/2019		RCRA NOTICE: 03/31/1993		
SLUG CONTROL PLAN EVALUATION DATE: 11/21/2019				
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	0	1
Number of City Sampling Days	2	0	2	0
Number of IU Sampling Days	0	0	0	0
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	1	0
Compliance Status	C	C	I	C
Evaluated as of:	3/31/19	6/30/19	9/30/19	12/31/19

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
4th	Permit Cond.	10-17-2019						
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	B	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Infineon Technologies EPI

Process Flow: 115,000 GPD

General Information and type of wastewater treatment	<p>This facility is a custom manufacturer of silicone and/or germanium epitaxy, using vapor deposition on silicon or sapphire substrates. The deposition of an epitaxial silicon layer upon a substrate is a semiconductor manufacturing operation regulated under Title 40-CFR-469(A)(469.18). All categorical process wastewater transferred to the pretreatment system. Pretreatment consists of a three-stage pH neutralization system. Discharges from this system are continuously monitored for flow and pH (Outfall 001). Controls on the system are designed to cease discharges if pH parameters are exceeded. TTO compliance is achieved by not using or storing any regulated TTO's on-site. All non-process and pretreated wastewater discharge to Outfall 002.</p>
First Quarter	<p>On 2/26/19, The City of Mesa conducted 2 days of compliance sampling.</p>
Second Quarter	<p>On 6/11/19, the IU submitted the June PRC with no deficiencies.</p>
Third Quarter	
Fourth Quarter	<p>On 10/17/2019, the City of Mesa issued the IU an Administrative Order (AO) #2019-001, for a Permit condition violation. On 10/29/2019, the City of Mesa conducted 2-days of compliance sampling. On 11/12/2019, the City and IU had a meeting to go over the AO requirements. On 11/20/2019, the IU submitted a status/update that is required by the AO. On 11/21/2019, the City performed an Annual Compliance Inspection. On 12/5/2019, the City sent the IU a response letter to the status/update for the AO. On 12/19/18, the IU submitted the December PRC with no deficiencies, and verbal warning was given for late reporting.</p>

To be published for this year in newspaper for Significant Non-Compliance?

 Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

SECTION 2.3
CITY OF PHOENIX

POTW PRETREATMENT ANNUAL REPORT

CITY OF PHOENIX, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2019 through 12/31/2019

Name of Wastewater Treatment Plant: 23rd Avenue Wastewater Treatment Plant

NPDES Permit Number: AZ0020559

Person to Contact Concerning City of Phoenix Information Contained in the Report:

Jesse Flores, Principal Engineering Technician
Industrial Pretreatment Program
2474 South 22nd Avenue, Building 31
Phoenix, Arizona 85009
602-495-5926

As required by 40 C.F.R. Section 122.22(b)(2):

I certify under penalty of law that all CITY OF PHOENIX attachments contained in this document 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.

1/16/2020
Date:



Kathryn Sorensen
Kathryn Sorensen
Water Services Department Director
City of Phoenix, Arizona

POTW PRETREATMENT ANNUAL REPORT

CITY OF PHOENIX, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2019 through 12/31/2019

Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment Plant

NPDES Permit Number: AZ0020524

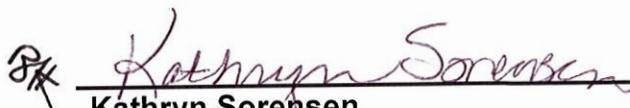
Person to Contact Concerning City of Phoenix Information Contained in the Report:

Jesse Flores, Principal Engineering Technician
Industrial Pretreatment Program
2474 South 22nd Avenue, Building 31
Phoenix, Arizona 85009
602-495-5926

As required by 40 C.F.R. Section 122.22(b)(2):

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1/16/2020
Date:


Kathryn Sorensen
Water Services Department Director
City of Phoenix, Arizona



General

Phoenix was incorporated as a city in 1881. Geographically, Phoenix covers more than 500 square miles and it is actually larger than Los Angeles. Phoenix is Arizona's state capital and the 5th largest city in the United States. When people refer to Phoenix, they are often discussing the Greater Phoenix area, which includes more than 25 cities and towns. Over the past two decades Phoenix has been one of the fastest growing cities in the country, and with its size and growth it has developed into a major city.



The population of Phoenix is estimated to be 1.5 million. U.S. Census estimates the median age of a Phoenician is about 32 years old. Only 12.7% of the people in Phoenix are over the age of 60, and 56% are between the ages of 25 and 59. Almost 27% of the residents of Phoenix have at least one 4-year college degree. The median household income in Phoenix is about \$52,080. About 20% of families are living at or below poverty level in the City of Phoenix.

Phoenix is located in the Sonoran Desert, which is one of the wettest and greenest deserts in North America, thanks to 3-15 inches of annual rainfall. According to data compiled by the National Climatic Data Center, Phoenix basks in sunshine more often than any other major metropolitan area in the U.S. Phoenix experiences sunny days 85 percent of the time.

Phoenix Major Industries

The major portion of the economic base of Phoenix is made up of the following industries: aerospace and defense, technology and innovation, renewable energy, bioscience and health care, optics/photonics, advanced manufacturing, advanced business services, construction, tourism and service.

Phoenix Water

The City of Phoenix Water Services Department is more than 100 years old and treats and distributes tap water to 1.5 million customers daily. Phoenix Water manages the city's sewer system, and handles wastewater treatment operations for 2.5 million residents in five Valley cities. Infrastructure includes approximately 6,925 miles of water lines, 4,896 miles of sewer lines, eight treatment plants, 53,719 fire hydrants and 96,924 manholes. Phoenix's water and sewer rates are among the lowest of comparable-sized cities nationwide. Our tap water supply is in very good shape due to decades of planning and multiple water sources. The city reuses nearly all of its wastewater on crops, wetlands, and energy production.

Pretreatment Program Changes

There have been no significant changes to the City of Phoenix Industrial Pretreatment Program (Program) during 2019.

Pretreatment Program Activities

The Environmental Services Division within the Water Services Department is responsible for implementing the Program for the City of Phoenix. The Program continues to be organized into three sections: Wastewater Monitoring, Commercial Inspections/FOG, and Industrial Pretreatment. An organizational chart is included in this report and appears on a page just after the Summary of Pretreatment Program Expenditures.

▪ **Wastewater Monitoring Section**

The Wastewater Monitoring Section collects wastewater, groundwater, and biosolids samples to support the following:

- NPDES and AZPDES Permit compliance for the City of Phoenix wastewater treatment plants
- Aquifer Protection Permit compliance for the City of Phoenix wastewater treatment plants and recharge facilities
- Industrial user permit compliance determination and enforcement
- Industrial user sewer rate recalculation (sewer billings)
- SROG Cities' sewer charges and compliance determination
- Special projects, studies, and emergency response

Sampling crews frequently conduct sampling operations in hazardous locations such as confined spaces, streets where traffic conditions must be considered, and in the Salt and Gila Rivers. Sophisticated, computerized sampling and measuring equipment in addition to manual sample collection techniques are used to collect samples, which are then analyzed by the City's Water Services Laboratory.

▪ **Commercial Inspections / FOG Section**

The Commercial Inspections / Fats, Oils and Grease (FOG) Section inspects and enforces the City's sewer use ordinance at commercial/industrial facilities to support the following:

- Routine/educational inspections of pretreatment devices and systems to prevent POTW infrastructure damages; obstructions; Sanitary Sewer Overflows (SSOs); and WWTP upset, interference, and passthrough
- Complaint inspections
- Routine/educational stormwater inspections (in support of the City stormwater program)
- Construction inspections of pretreatment devices and compliance sampling points
- Investigation of potential illegal discharges
- Investigation of SSOs and sewer blockages
- FOG Pollution Prevention (P2) outreach to domestic users following SSOs in residential areas
- Issuance of Temporary Discharge/Manhole Entry Permits
- Referral of industries for permitting evaluation to the Industrial Pretreatment Section
- Implementation of the Dental Rule (Dental Office Point Source Category – 40 CFR Part 441)

Additionally, the section is responsible for examination of new and remodel commercial construction plans to determine the need for wastewater pretreatment and/or wastewater discharge permitting. A database is used by staff to systematically target geographic areas for preventative inspections, as well as to track pretreatment devices and enforcement history for a given facility.

Commercial Inspections / FOG Section Metrics

Routine/Educational Inspections	904
Construction Inspections	60
SSO Investigations - Residential Areas (includes apartments)	24
SSO Investigations - Commercial/Industrial Areas	7
Routine/Educational Stormwater Inspections	893
Notices of Violation	7
Plans Reviewed for Pretreatment	827
Number of Dental Discharger Forms Distributed	283
Number of Dental Discharger Forms Received	140

▪ **Industrial Pretreatment Section**

The Industrial Pretreatment Section is responsible for the following:

- Inspections of permitted industrial users and potential permittees
- Routine/educational stormwater inspections (in support of the City stormwater program)
- Examination of industrial user construction plans with regard to industrial processes, pretreatment systems, and compliance sampling points
- Issuance of Wastewater Discharge Permits
- Issuance of Temporary Discharge/Manhole Entry Permits
- Evaluation of permitted industrial user compliance and file management
- Records retention
- Enforcement of permitted industrial users
- Periodic recalculation of industrial user sewer rates based on flow and loading
- Periodic revision of sewer use ordinances, standard operating procedures (SOPs), Civil Penalty Policy, and Enforcement Response Plan
- Pollution Prevention (P2) outreach to industrial and residential users
- Publication of industrial user escalated enforcement actions to enable public participation
- Annual publication of Significantly Noncompliant industrial users
- Coordination and writing of the Annual Report on behalf of the SROG cities

Pollution Prevention Program

Section F.4.e. of the National Pollutant Discharge Elimination System (NPDES) Permit № AZ0020524 and AZPDES Permit № AZ0020559 requires the City of Phoenix (City) to develop and implement, through its Industrial Pretreatment Program (Program), a Pollution Prevention (P2) Program for controllable sources of pollutants within the service area of the 23rd and 91st Avenue Wastewater Treatment Plants (WWTPs). In accordance with the City's "Implementation of Best Management Practices in the Service Area of the 23rd and 91st Avenue WWTPs Project Schedule", as revised on March 22, 1996, the City's efforts for the period January 1, 2019 through December 31, 2019 are summarized below.

- **General Community Outreach / Education**

IPP Staff participated in the following Community Outreach Events:

Community Outreach Events			
Event	Organizer	Dates	Attendees
AZ Game & Fish Department Expo	Arizona Game & Fish	03/30/2019	50,000
Howl-O-Ween	Phoenix Zoo	10/25/2019 & 10/26/2019	6,000
Phoenix Food Day	City of Phoenix	10/26/2019	600
Palomino Community Day	City of Phoenix	11/2/2019	400

On April 16-18, 2019, staff presented at the AZ Water Association's 92nd Annual Conference & Exhibition at the Phoenix Convention Center. Staff presented as a Fresh Ideas Contestant on "Categorical Conundrums: Classification, Collaboration & Compliance" to an audience of primarily pretreatment, compliance and regulatory professionals from various municipalities and local governments throughout Arizona and other states. Due to the positive reception and voting, staff won the Fresh Ideas Contest for Arizona through the American Water Works Association (AWWA).

On August 7, 2019, IPP staff presented at the 25th Annual Tri-State Seminar in Las Vegas, Nevada to pretreatment and regulatory wastewater professionals from primarily Arizona, Nevada, California as well as additional western states. The event attracts over 3,000 attendees from various states and countries and provides over 200 classes among other learning opportunities. The presentation titled "Categorical Conundrums: Classification, Collaboration & Compliance" was well received and generated further discussion topics related to permitting of categorical facilities per the national pretreatment program, a component of the National Pollutant Discharge Elimination System (NPDES) program.

▪ **Industrial Pretreatment Compliance Academy**

The Industrial Pretreatment Section continues to deliver the Industrial Pretreatment Compliance Academy it developed in 1995 to support a P2 education/outreach program directed at industrial and commercial facilities located in Phoenix. The Compliance Academy classes include a PowerPoint presentation, a reference handbook, and sometimes hands-on activities or a laboratory tour. The presentation and handbook includes P2 information and demonstrates ideas to specific industry sectors including metal finishers, hospitals, industrial laundries, etc. During 2019, class participation and materials were used at the following:

Industrial Outreach Events: Industrial Pretreatment Compliance Academy			
Class Name	Place & Date	Attendee Types	No of Attendees
Wastewater Discharge Permit	Water Services Building January 30, 2019	<ul style="list-style-type: none"> ▪ Permitted Industrial Users ▪ Pretreatment Staff from other Municipalities ▪ Staff from Arizona Department of Environmental Quality ▪ Staff from Border Environment Cooperation Commission 	49
Wastewater Compliance Sampling	Water Services Building March 28, 2019		44
Laboratory Analytical Issues	Water Services Building May 30, 2019		43
Enforcement	Water Services Building July 25, 2019		42
Pollution Prevention (P2)	Water Services Building September 26, 2019		43
Stormwater Compliance Overview	Water Services Building November 27, 2019		46

▪ **Point Source Control**

- The Industrial Pretreatment Section actively identifies, by SIC code, those businesses located in Phoenix that were likely to use the pollutants so that onsite inspections and wastestream sampling could be conducted to determine (1) whether or not they actually used the pollutants; (2) whether or not the pollutants are actually discharged to the WWTPs and at what levels and (3) the feasibility and benefit of implementing BMPs at businesses which discharge measurable levels of pollutants of concern. Meetings with the industrial groups and annual site inspections continue to reinforce BMP practices.
- Best Management Practices (BMPs) continue to be implemented on four pollutants. These pollutants are Fluoride, Molybdenum, Selenium, and DEHP. On January 1, 2005, the SROG cities adopted and implemented revised local limits. During the local limits review process, these four pollutants were identified as candidates for BMPs. The City determined the target industries which discharge these pollutants and identified opportunities for their reduction through the control document (Permit), inspections, and the IPP Compliance Academy.
- Class B Wastewater Discharge Permits continue to be issued for special dischargers and zero categorical wastewater dischargers. Industrial users performing manufacturing or service processes from one of the federal point source categories, but discharge zero wastewater generated from those processes are issued Class B Zero Categorical Wastewater Discharge Permits. Industrial users that do not meet the definition of an SIU, but discharge high strength BOD/TSS wastewater, remediated groundwater, or pollutants of concern are issued Class B Wastewater Discharge Permits. Through the end of 2019, the Industrial Pretreatment Section inspected 67 Class B Permittees.

CLASS B ZERO CATEGORICAL WASTEWATER DISCHARGE PERMITTEES		
FACILITY NAME	FACILITY ADDRESS	FACILITY TYPE
Aero Spring & Manufacturing Co., Inc.	3335 East Wier Avenue	Metal Finishing PSNS
American Aerospace Technical Castings, Inc.	2950 West Catalina Drive	Iron and Steel Manufacturing
American Tube and Pipe	2528 North 27th Avenue	Metal Finishing PSES
Andeavor Logistics LP	1935 West McDowell Road	Paving and Roofing Materials PSNS
Arizona Polymer Flooring	4565 West Watkins Street	Paint Formulating PSNS
Bergmann Precision, Inc. - Bergmann Group	3730 East Southern Avenue	Metal Finishing PSNS
Bernie's Brass, Inc. – DBA M3 Metals	2326 East Magnolia Street	Metals Finishing PSNS
CMR Manufacturing, Inc.	2421 East Jackson Street	Metal Finishing PSNS
Coating Technologies, Inc	21438 North 7th Avenue	Metal Finishing
Collins Metal Finishing	3536 East Illini Street	Metal Finishing PSNS
Contact Coatings, LLC	1930 West Quail Avenue, Suite B	Metal Finishing PSNS
Controlled Thermal Technology, Inc.	2617 West Cypress Street	Metal Finishing
D & R Home Decor LLC	2204 East Magnolia Street	Metal Finishing
Diversified Metals, Inc.	9849 North 19th Drive, Suite 2	Metal Finishing
Dolphin, Inc.	440 North 51 st Avenue	Metal Molding and Casting PSNS
Environmental Management Utility Services, LLC.	2132 South 5th Avenue	Centralized Waste Treatment Subpart B Oils PSNS
Gannon & Scott Phoenix, Inc.	2113 East Sky Harbor Circle South	Centralized Waste Treatment Subpart A Metals PSNS
GE Parallel Design, Inc.	4313 East Cotton Center Boulevard	Electrical and Electronic Components PSNS
Honeywell International Inc. – Honeywell Aerospace – Deer Valley	21111 North 19 th Avenue	Electrical and Electronic Components PSNS
Intrepid Coatings, Inc.	1910 East Riverview Drive	Paint Formulating PSNS
Jet Processing	2660 West Quail Avenue	Metal Finishing
L.B.O. Plating	2008 West Jackson Street	Metal Finishing PSNS
Lighting Resources, LLC.	1522 East Victory Street, Suite 4	Centralized Waste Treatment PSNS
Lighting Resources, LLC.	1545 East Victory Street	Centralized Waste Treatment PSNS
Lincoln Laser Company	234 East Mohave Street	Metal Finishing PSNS
Ohlinger Industries, Inc.	1211 West Melinda Lane	Metal Finishing PSNS
Osborn Products, Inc.	1127 West Melinda Way	Metal Finishing
Perma-Finish, Inc.	74 North 45th Avenue	Metal Finishing PSNS
Phoenix Heat Treating, Inc.	2405 West Mohave Street	Metal Finishing PSNS
Phoenix Metalcraft, Inc.	3845 North 29th Avenue	Metal Finishing
Phoenix Tool & Gage, Inc.	2612 West Encanto Boulevard	Metal Finishing
PMA Photometals of Arizona	3040 North 27th Avenue	Metal Finishing
Precise Metal Products Company	4534 North 44th Avenue	Metal Finishing PSNS
Precision Industrial Painting, Inc.	1139 West Hilton Avenue	Metal Finishing
Precision Science	1517 West Knudsen Drive	Pesticide Chemicals PSNS
Profile Precision Extrusion	7225 West Sherman Street	Aluminum Forming
Purcell Tire Company	420 South 35th Avenue	Rubber Manufacturing PSNS

CLASS B ZERO CATEGORICAL WASTEWATER DISCHARGE PERMITTEES		
FACILITY NAME	FACILITY ADDRESS	FACILITY TYPE
R.B. Machine Company, Inc.	3729 West Buchanan Street	Metal Finishing
Razor Emporium	15 East Jackson Street, Suite 111	Metal Finishing PSNS
RLC Labs, Inc.	1850 East Riverview Drive	Pharmaceutical Manufacturing PSNS
Royal Sign Company, Inc.	2631 North 31st Avenue	Metal Finishing
Southwest Powder Coating, Inc.	116 North 59th Avenue	Metal Finishing PSNS
Southwest Refining Corporation	1205 West Hilton Avenue	Centralized Waste Treatment Subpart A Metals PSNS
STP Performance Coating, LLC	1131 West Watkins Street	Metal Finishing PSNS
Strand Industries	1202 West Watkins Street	Metal Finishing PSNS
Sun West Engineering, Inc.	3802 West Broadway Road	Metal Finishing
Thermo Fluids, Inc.	4301 West Jefferson Street	Centralized Waste Treatment
Total Seal Piston Rings, Inc.	22642 North 15th Avenue	Metal Finishing PSNS
Trainor & Trainor, Inc. - Arizona Hard Chrome, Inc.	2609 West Cypress Street	Metal Finishing
Troy Corporation Arizona	113 South 47th Avenue	Pesticide Chemicals PSNS
Veolia ES Technical Solutions, LLC	5736 West Jefferson Street	Centralized Waste Treatment
Verco Decking, Inc.	4340 North 42nd Avenue	Coil Coating-Canmaking PSES

CLASS B WASTEWATER DISCHARGE PERMITTEES		
FACILITY NAME	FACILITY ADDRESS	FACILITY TYPE
American Beverage Corporation	2426 South 7 th Street	Beverage Manufacturing
Automated Chemical Solutions, Inc.	3320 East Roeser Road	Soap and Detergent Manufacturer
Bimbo Bakeries USA, Inc.	738 West Van Buren Street	Food Manufacturing
Elite Waste Services	2412 West Sherman Avenue	Hauled Waste or Septage
Freshly, Inc.	610 South 56 th Avenue	Food Manufacturing
Kinder Morgan SFPP, L.P. Phoenix Terminal	49 North 53rd Avenue	Fuel Tank Storage
La Canasta Mexican Food Products, Inc.	3101 West Jackson Street	Food Manufacturing
Leclerc Foods Nutrition Arizona, LLC	440 South 51st Avenue	Food Manufacturing
Mama Lola's, LLC.	3348 East Wier Avenue	Food Manufacturing
National Construction Rentals	2131 West Roosevelt Street	Hauled Waste or Septage
NXP USA, Inc. 52nd ST Superfund Site - OU 2	12 South 20th Street- Phoenix	Groundwater Remediation
Strictly From Scratch	800 North 17 th Avenue	Food Manufacturing
Swissport Fueling, Inc.	Sky Harbor International Airport 3737 East Bonanza Way	Hauled Waste or Septage
Swissport Fueling Services	4200 East Airline Drive	Fuel Storage/Hauled Waste or Septage
Waste Management Phoenix Hauling South	1580 East Elwood Street	Hauled Waste or Septage

Training and Participation in Conferences and Workshops

▪ **Individual Training:**

WSD/ESD Staff continue to enhance professional growth by enrolling in courses from various educational and training resources. To broaden their education, some inspectors take self-study courses and obtain certification through American Water College via ADEQ. Operator Certifications include Water Distribution, Water Treatment, Wastewater Collection, and Wastewater Treatment.

On April 15-16, 2019, IPP staff attended the Western States Project “Verbal Judo Training” at ADEQ 1110 West Washington. Staff were trained techniques to redirect and handle emotionally-charged verbal attacks in order to generate voluntary compliance. Staff left the training with improved verbal communication skills and enhanced professionalism.

On June 10-12, 2019, staff attended and presented at the American Water Works Association’s Annual Conference & Exhibition (ACE 19) in Denver, Colorado as a result of winning the Fresh Ideas Contest for the AWWA Arizona chapter (AZ Water Association). Over 12,000 water and wastewater professionals attended including exhibitors and presenters.

On August 6-8, 2019, IPP staff attended the 25th Annual Tri-State Seminar in Las Vegas, Nevada. The Seminar provides affordable, high quality education to water and wastewater operators from the Western United States through the annual three-day seminar designed to provide professional development, continuing education, and technology transfer to support the vision and missions of the partner organizations; AZ Water Association, California Water Environment Association and the Nevada Water Environment Association.

▪ **Group Training:**

On April 16-18, 2019, IPP staff attended the AZ Water Association’s 92nd Annual Conference & Exhibition at the Phoenix Convention Center. The Conference & Exhibition offers a three-day program designed to provide professional development, continuing education, and technology transfer to support the AZ Water Association’s vision of “a vibrant Arizona through safe, reliable water”. The event attracts several thousand attendees from throughout the nation. Staff learned about a variety of topics during the Conference & Exhibition including: industrial pretreatment, wastewater collections, water reuse, stormwater, water resources, and more.

On May 2, 2019 through May 30, 2019, IPP staff attended a weekly session (five total) on Effective Writing in order to improve business and technical writing skills for inspection reports, permits, and compliance or enforcement related documents.

On November 20-21, 2019, IPP and Commercial Inspections staff coordinated, organized and attended the 2019 FOG & Pretreatment Workshop held in Mesa, Arizona at the Mesa Convention Center. This workshop informs, educates, and trains water and wastewater professional technicians, regulatory inspectors, managers, policymakers, and others on the latest developments in wastewater pretreatment and FOG program management.

On May 22, 2019, IPP staff attended the Arizona Department of Environmental Quality’s (ADEQ) Solid Waste Management Hazardous Waste Management & Manifesting and Pollution Prevention Workshop. This workshop provided an overview of ADEQ’s Hazardous Waste, Solid Waste, and Pollution Prevention programs.

Other Activities

▪ ***Coordination with Other Pretreatment Programs***

Phoenix continued to provide counsel and guidance to the Pretreatment Programs of the contributing jurisdictions and Programs throughout the state during 2019. Multi-city coordination for purposes of encouraging compliance with federal requirements and consistency of implementation was accomplished through periodic multi-city meetings attended by representatives from each Program, as well as through periodic meetings with individual Program staff.

Phoenix personnel along with members from the other SROG cities continue the monthly sampling program at all 14 Metering Stations. This sampling program provides representative information about the quality of wastewater discharged to the 91st Avenue WWTP.

▪ ***Enforcement Activities to Involve and Inform the Public***

In addition to publication of Industrial Users having a status of Significant Noncompliance during the reporting year, the City used several types of legal instruments designed to bring industrial users back into compliance. The City continued to conduct Show Cause Meetings and to collect monetary penalties from industrial users which violated pretreatment requirements during the year. A summary of these enforcement activities which identify the permittees, the nature of the violations, published Pretreatment Settlement Agreements, and any monetary penalties associated with those actions follows on the next page.

▪ ***NEFAP Accreditation***

The City of Phoenix Environmental Services Division achieved ISO/IEC 17025:2005 International Standard and the Field Sampling and Measurement Organizations (FSMO) Accreditation. The Certificate of Accreditation includes demonstration of technical competence in the fields defined by the Divisions scope of sampling and field tests. The Water and Wastewater Monitoring groups are one of eleven having this accreditation in the United States and the only accredited entities in Arizona.

**City of Phoenix
2019 Published Pretreatment Enforcement Actions**

	Industrial User Name	SNC?	40 CFR	Violations	Show Cause Hearing Date	Penalty Collected	Newspaper Publication Fee	PSA/CD
1	Upper Crust Bakery	Yes	Local Limits	SNC – Reporting; pH effluent	04/22/2019	\$18,144.23	\$500.16	150467--0
2	Holsum Bakery, LLC.	No	Local Limits	pH effluent	04/23/2019	\$53,757.48	\$479.32	150558--0
3	Marlyn Nutraceuticals, Inc. – Naturally Vitamins	Yes	439.47	SNC – Reporting; pH effluent	06/26/2019	\$2,187.00	\$479.32	150812--0
4	Prudential Overall Supply	Yes	Local Limits	SNC – Reporting; pH effluent	07/11/2019	\$1,687.00	\$341.22	151074--0
5	Baker Commodities, Inc.	Yes	Local Limits	SNC – Reporting; pH effluent	07/18/2019	\$2,211.00	\$341.22	150989--0
6	Liquid Environmental Solutions of Arizona, LLC.	Yes	Local Limits & 437.2(l), (p), (r)	SNC – Copper; mercury effluent	08/14/2019	\$54,447.85	\$348.48	151166--0
7	American Beverage Corporation	No	Local Limits	pH effluent; reporting	10/08/2019	\$207.35	\$326.70	151477--0
8	Hydro Extrusion North America, LLC. – Plant 1 Remelt Operation; Plant 1 Extrusion Operation; Plant 2 Extrusion Operation	No	467.35	Reporting	12/03/2019	\$6,396.00	\$TBD	TBD
9	Sky Chefs, Inc. – LSG Sky Chefs	No	Local Limits	pH effluent; reporting	12/18/2019	\$66,973.32	\$TBD	TBD

2019 TOTAL \$206,011.23

CITY OF PHOENIX

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES		
January 1, 2019 – December 31, 2019– Total Pretreatment Expenditures \$ 4,078,861		
PRETREATMENT PROGRAM EXPENDITURES		
Personnel	\$	2,398,277
Operations & Maintenance	\$	280,045
Laboratory	\$	1,244,417
Equipment	\$	0
Vehicles	\$	156,122
PRETREATMENT PROGRAM EQUIPMENT INVENTORY		
<u>Equipment Name</u>	<u>Purchased 2019</u>	<u>Total 2019</u>
Photo Ionization Detector	0	1
Flow Meters	0	27
Flow Module/Sub Probe	8	8
Auto Samplers	4	28
Turbidimeters	0	3
pH/DO/Conductivity Meters	0	5
Chlorine Colorimeters	0	3
Air Movers	0	4
Confined Space Harnesses	0	9
Air/Gas Detectors	2	9
Cameras	0	18
Night Vision Cameras	0	1
Pole Cameras/GoPro	0	5
CCTV Sewer Camera	0	2
Computer Monitors	0	30
Computers	0	27
Tablets	0	4
Printers	0	3
PRETREATMENT PROGRAM VEHICLE INVENTORY		
<u>Equipment Name</u>	<u>Purchased 2019</u>	<u>Total 2019</u>
Sampling Passenger Vans	1	1
Sampling 4WD Pickups	0	1
Inspector Pickups	0	7 ¹
Sampling Vans	1	5
Vehicle Pool Sedans	0	4 (Pool)
¹ Vehicle pool sedans which are used for inspections of industrial facilities are shared by all staff located on the 23rd Avenue WWTP.		

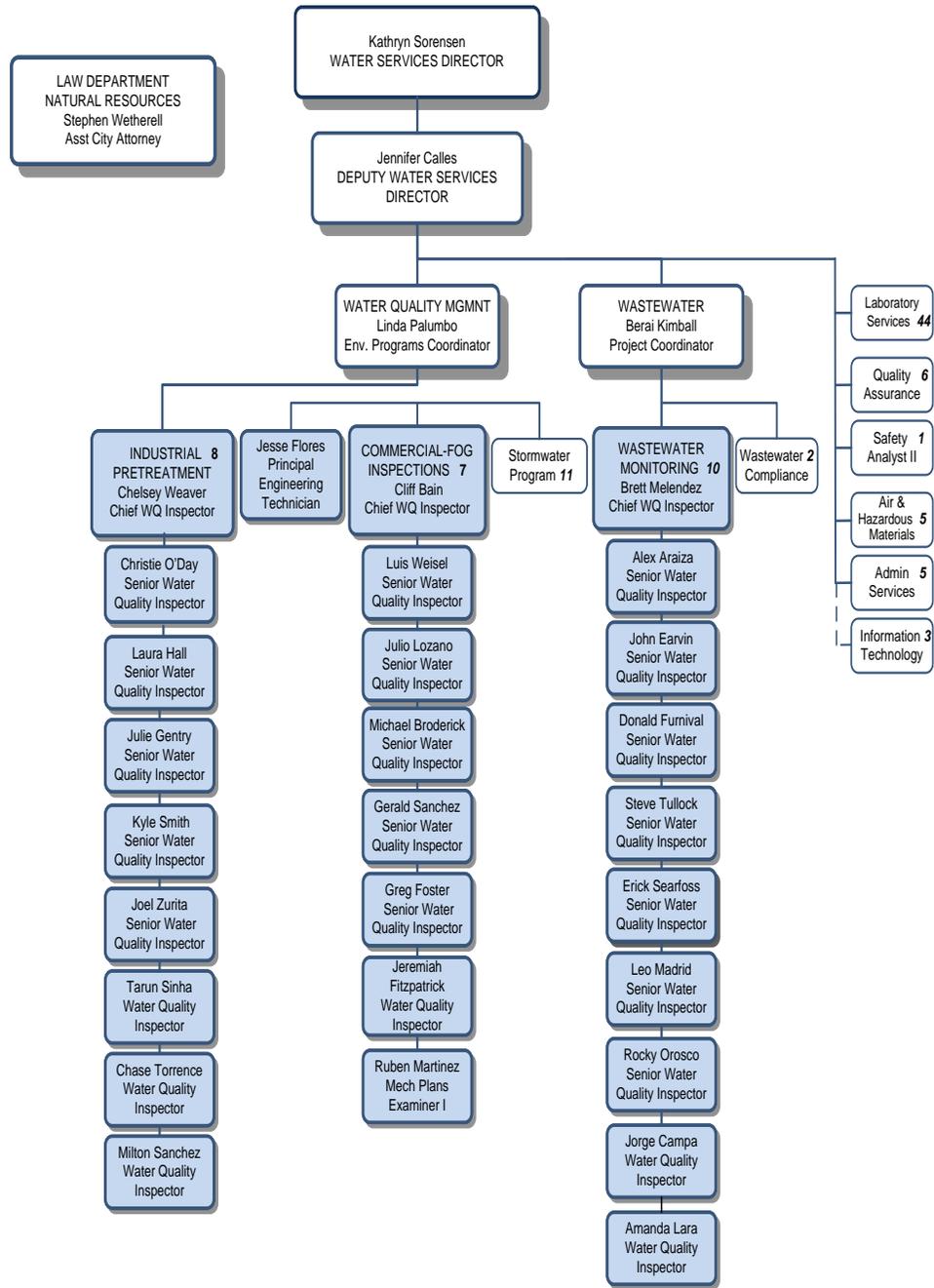
PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2018</u>	<u>FTEs 2019</u>
Deputy Water Services Director	1.0 ³	1.0 ³
Environmental Programs Coordinator	0.5 ³	0.5 ³
Assistant City Attorney IV	0.25 ³	0.25 ³
Mechanical Plans Examiner I	1.0	1.0
Environmental Quality Specialist	0.5	0.5
Principal Engineering Technician	1.0	1.0
Chief Water Quality Inspectors	3.0	3.0
Senior Water Quality Inspectors	16	16
Water Quality Inspectors	5.0	6.0
Inspector Vacancies	0	0
Information Technology Application Programmer	0.25 ³	0.25 ³
III Information Technology Application Programmer I Computer Operator	0.5 ³	0.5 ³
Secretary II	0.5 ³	0
	0.25 ³	0.25 ³

³ These positions dedicate time to other Water Department functions.

CITY OF PHOENIX

PRETREATMENT PROGRAM ORGANIZATION CHART



**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2019**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
1.	AAA Ajax Pumping Service, Inc. 2433 South 7th Avenue Phoenix, Arizona 85007-4302	91st Avenue	4953	City Code
2.	Abrazo Central Campus 2000 West Bethany Home Road Phoenix, Arizona 85015	23rd Avenue	8062	City Code
3.	Abrazo Scottsdale Campus 3929 East Bell Road Phoenix, Arizona 85032-2112	91st Avenue	8062	City Code
4.	Allied Tube & Conduit Corporation 2525 North 27th Avenue Phoenix, Arizona 85009-1710	23rd Avenue	3317	433.17
5.	AlSCO, Inc. 4707 West Camelback Road Phoenix, Arizona 85031	91st Avenue	7218	City Code
6.	Ameripride Services Inc. 6025 West Van Buren Street Phoenix, Arizona 85043-3509	91st Avenue	7213	City Code
7.	Angelica 4410 West Mohave Avenue Phoenix, Arizona 85043-8304	91st Avenue	7218	City Code
8.	APS BioGroup, Inc. 2235 South Central Avenue Phoenix, Arizona 85004-2909	23rd Avenue	7218	439.47
9.	APS West Phoenix Power Plant 4606 West Hadley Street Phoenix, Arizona 85043-3933	91st Avenue	4911	423.16
10.	Aramark Uniform and Career Apparel, Inc. 3836 West Buckeye Road # F Phoenix, Arizona 85009	91st Avenue	7218	City Code
11.	Arizona Foods Group 2517 East Chambers Street Phoenix, Arizona 85040-3640	91st Avenue	3674	City Code
12.	Arizona Precision Sheet Metal, Inc. 2140 West Pinnacle Peak Road Phoenix, Arizona 85027-1200	91st Avenue	3444	433.17
13.	ASM America Inc.-University Drive Plant 3440 East University Drive Phoenix, Arizona 85034-7200	91st Avenue	3674	469.18
14.	Avanti Circuits, Inc. 17650 North 25th Avenue - Suite #5 Phoenix, Arizona 85023	91st Avenue	3672	433.17
15.	Baker Commodities, Inc. 3602 West Elwood Street Phoenix, Arizona 85009	91st Avenue	2077	City Code
16.	Banner Estrella Medical Center 9201 West Thomas Road Phoenix, Arizona 85035	91st Avenue	8062	City Code
17.	Banner Health – Banner University Medical Center Phoenix Campus 1111 East McDowell Road Phoenix, Arizona 85006-2612	23rd Avenue	8062	City Code
18.	Benchmark Electronics, Inc. 3201 East Harbour Drive Phoenix, Arizona 85034-7227	91st Avenue	3679, 3672	433.17

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2019**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
19.	Bottling Group, LLC. – The Pepsi Beverages Company 4242 East Raymond Street Phoenix, Arizona 85040-1935	91 st Avenue	2086	City Code
20.	Café Valley, Inc. 7000 West Buckeye Road Phoenix, Arizona 85043-4306	91 st Avenue	2050	City Code
21.	Carl T. Hayden Medical Center 650 East Indian School Road Phoenix, Arizona 85012-1892	23 rd Avenue	8062	City Code
22.	Cassavant Assembly & Processing, LLC. 3725 East Atlanta Avenue Phoenix, Arizona 85040-2960	91 st Avenue	3471	433.17
23.	Celgene Corporation 620 North 51 st Avenue Phoenix, Arizona 85043-2702	91 st Avenue	2834	439.47
24.	Certified Inspection Service Company, Inc. 21 South 41 st Street Phoenix, Arizona 85034	23 rd Avenue	3479	433.17
25.	ChemResearch Co., Inc. 1130 West Hilton Avenue Phoenix, Arizona 85007-4306	23 rd Avenue	3471	433.17
26.	Chromalloy Arizona 5161 West Polk Street Phoenix, Arizona 85043	91 st Avenue	7699	433.17
27.	Cintas Corporation 5501 West Hadley Street Phoenix, Arizona 85043	91 st Avenue	7218	City Code
28.	Cintas -Roosevelt St 4804 West Roosevelt Street Phoenix, Arizona 85043	91 st Avenue	7218	City Code
29.	CleanPart Southwest LLC 3844 East University Drive Phoenix, Arizona 85034-7221	91 st Avenue	3479	433.17
30.	Crothall Laundry Services Inc.- The Commercial Linen Exchange 4445 South 36 th Street Phoenix, Arizona 85040	91 st Avenue	7213	City Code
31.	Dignity Health –St. Joseph’s Hospital & Medical Center 350 West Thomas Road Phoenix, Arizona 85013-4409	23 rd Avenue	8062	City Code
32.	District Photo, Inc. 2500 East Chamber Street Phoenix, Arizona 85040-3639	91 st Avenue	7384	City Code
33.	DS Services of America, Inc. 3302 West Earll Drive Phoenix, Arizona 85017	91 st Avenue	2086	City Code
34.	Dunn-Edwards Corporation 520 South 67 th Avenue Phoenix, Arizona 85043-4432	91 st Avenue	2851	City Code
35.	Entrepix, Inc. 4717 East Hilton Avenue Phoenix, Arizona 85034-6404	91 st Avenue	3674	469.18
36.	FlipChip International, LLC 3701 East University Drive Phoenix, Arizona 85034	91 st Avenue	3674	469.18

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2019**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
37.	FM Industries, Inc. Building "D" 2104 West Roosevelt Street Phoenix, Arizona 85009-3703	23rd Avenue	3471	433.17
38.	Frontier Group 3518 East Wood Street Phoenix, Arizona 85040	91st Avenue	3471	433.17
39.	Global Healing Center 925 East Salter Drive Phoenix, Arizona 85024-5648	91st Avenue	2833	439.47
40.	Gregory Packaging, Inc. 439 South 55th Avenue Phoenix, Arizona 85043-4621	91st Avenue	2033	City Code
41.	Hadrian Inc. 3602 West Washington Street Phoenix, Arizona 85009-4767	91st Avenue	3471	433.17
42.	Heligear Acquisition Co. dba Northstar Aerospace – Phoenix 401 South 36th Street Phoenix, Arizona 85034-2812	23rd Avenue	3599	433.17
43.	Heligear Acquisition Co.- Northstar Aerospace (Phoenix) 300 South 23 rd Street Phoenix, Arizona 85034-2500	23rd Avenue	3599	433.17
44.	Holsum Bakery, Inc. 2322 West Lincoln Street Phoenix, Arizona 85009	23rd Avenue	2051	City Code
45.	Honeywell International Inc. Former Peoria Avenue Facility/EW-1 2305 West Mercer Lane Phoenix, Arizona 85051	91st Avenue	9999	City Code
46.	Honeywell International, Inc. Former Peoria Avenue Facility/MW-10 2251 West Sierra Street Phoenix, Arizona 85029	91st Avenue	9999	City Code
47.	Honeywell International, Inc. Honeywell Aerospace – Phoenix R&O 1944 East Sky Harbor Circle Northwest Phoenix, Arizona 85034-3442	23rd Avenue	3728	433.17
48.	Honeywell International, Inc. Honeywell Engines Product Center 111 South 34 th Street Phoenix, Arizona 85034-2802	23rd Avenue	3471	433.17
49.	HonorHealth Deer Valley Medical Center 19829 North 27 th Avenue Phoenix, Arizona 85027-4001	91st Avenue	8062	City Code
50.	HonorHealth John C. Lincoln Hospital North Mountain 250 East Dunlap Avenue Phoenix, Arizona 85020-2825	23rd Avenue	8062	City Code
51.	Hydro Extrusions North America, LLC - Plant 1 Extrusion Operation (Sapa) 249 South 51 st Avenue Phoenix Arizona 85043-3715	91st Avenue	3354	467.35
52.	Hydro Extrusions North America, LLC - Plant 2 Extrusion Operation (Sapa) 50 South 49 th Avenue Phoenix Arizona 85043-3825	91st Avenue	3354	467.35

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2019**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
53.	Hydro Extrusions North America, LLC - Remelt Operation (Sapa) 249 South 51 st Avenue Phoenix Arizona 85043-3715	91st Avenue	3354	467.35
54.	Liquid Environmental Solutions of Arizona, LLC 5159 West Van Buren Street Phoenix, Arizona 85043	91st Avenue	4953	437.47
55.	Liquid Environmental Solutions of Arizona LLC - Magnolia Street 1095 West Magnolia Street Phoenix, Arizona 85007-4508	91st Avenue	4953	City Code
56.	Maricopa Integrated Health System 2601 East Roosevelt Street Phoenix, Arizona 85008	23rd Avenue	8062	City Code
57.	Marlyn Nutraceuticals - Naturally Vitamins 4404 East Elwood Street Phoenix, Arizona 85040	91st Avenue	2834	439.47
58.	Mastel Linen, Inc. 2940 West Virginia Ave Phoenix, Arizona 85009-1607	23rd Avenue	7218	City Code
59.	Mayo Clinic Arizona – Mayo Clinic Hospital 5777 East Mayo Boulevard Phoenix, Arizona 85054-4502	91st Avenue	8062	City Code
60.	Mega Metals, LLC. 1325 North 22nd Avenue Phoenix, Arizona 85009-3714	23rd Avenue	5093	421 .306(m)
61.	Metco Metal Finishing, LLC 3508 East Corona Avenue Phoenix, Arizona 85040-2842	91st Avenue	3471	433.17
62.	Mission Linen Supply, Inc. 2652 South 16 th Street Phoenix, Arizona 85034	23rd Avenue	7213	City Code
63.	Mistras Arizona Inspection Services, Inc. 3027 East Washington Street Phoenix, Arizona 85034-1517	23rd Avenue	3764	433.17
64.	Modern Industries, Inc. 4755 East Beautiful Lane Phoenix, Arizona 85044	91st Avenue	3471	433.17
65.	MPP Group of Companies 230 South 49th Avenue Phoenix, Arizona 85043-3905	91st Avenue	3471	433.17
66.	Niagara Bottling, LLC. 275 South 67 th Avenue Phoenix, Arizona 85043-3427	91 st Avenue	2086	City Code
67.	NXP USA, Inc. 52nd ST Superfund Site OU 1 5005 East McDowell Road Phoenix, Arizona 85008	91st Avenue	9999	City Code
68.	PAS Technologies, Incorporated 1021 North 22 nd Avenue Phoenix, Arizona 85009	23rd Avenue	3471	433.17
69.	Phoenix Children's Hospital 1919 East Thomas Road Phoenix, Arizona 85016	23rd Avenue	8062	City Code

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2019**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
70.	Phoenix Indian Medical Center 4212 North 16 th Street Phoenix, Arizona 85016-5319	23rd Avenue	8062	City Code
71.	Phoenix Manufacturing, Inc. 3655 East Roeser Road Phoenix, Arizona 85040-3968	91st Avenue	3585	433.15
72.	Prudential Overall Supply 5102 West Roosevelt Street Phoenix, Arizona 85043	91st Avenue	7218	City Code
73.	Quantum Global Technologies, LLC 2101 West Roosevelt Street Phoenix, Arizona 85009	23rd Avenue	7699	433.17
74.	Quantum Global Technologies, LLC dba Quantum Clean 3925 East Watkins Street, Suite 100 Phoenix, Arizona 85034	91st Avenue	3479	433.17
75.	Rexam Beverage Can Company 211 North 51 st Avenue Phoenix, Arizona 85043-3704	91st Avenue	3411	465.45
76.	Safeway Phoenix Ice Cream Plant 2434 East Pecan Road Phoenix, Arizona 85040	91st Avenue	3674	City Code
77.	Sagamore Camelback, LLC. 1 East Camelback Road Phoenix, Arizona 85012-1668	23 rd Avenue	9999	City Code
78.	Sav-On Plating, Inc. 17 West Watkins Street Phoenix, Arizona 85003-2824	23rd Avenue	3471	433.17
79.	Shamrock Foods Company – Dairy Division 2228 North Black Canyon Highway Phoenix, Arizona 85009-2707	23rd Avenue	2026	City Code
80.	Shearer's Foods, LLC – Barrel 0' Fun Snack Foods Southwest 7330 West Sherman Street Phoenix, Arizona 85043-4751	91st Avenue	2096	City Code
81.	Signetix, Inc. 2611 South 7 th Street, Suite 101 Phoenix, Arizona 85034-6523	91st Avenue	5093	433.17
82.	Sky Chefs-Inc. – LSG Sky Chefs 3555 South 28 th Street Phoenix, Arizona 85040-8603	91st Avenue	5812	City Code
83.	Southwest Orthopedic and Spine Hospital, LLC. – OASIS Hospital 750 North 40 th Street Phoenix, Arizona 85008-6486	91 st Avenue	8069	City Code
84.	Specialty Textile Services 720 West Buchanan Street Phoenix, Arizona 85007-3405	23rd Avenue	7218	City Code
85.	SUMCO Southwest Corporation 19801 North Tatum Boulevard Phoenix, Arizona 85050-4201	91st Avenue	3674	469.28
86.	Sumitomo Chemical Advanced Technologies, LLC. 3832 East Watkins Street Phoenix, Arizona 85034	91st Avenue	3674	469.18
87.	The Proctor & Gamble Company 2050 South 35 th Avenue Phoenix, Arizona 85009	91st Avenue	2834	439.46

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2019**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
88.	UniFirst Corporation 104 North 14 th Street Phoenix, Arizona 85034-1114	23rd Avenue	7218	City Code
89.	Upper Crust Bakery 3655 West Washington Street Phoenix, Arizona 85009-4759	91 st Avenue	2051	City Code
90.	World Resources Company 8113 West Sherman Street Phoenix, Arizona 85353-4025	91 st Avenue	3399	City Code

**CITY OF PHOENIX
PRETREATMENT PERFORMANCE SUMMARY
ADDITIONS, DELETIONS AND CHANGES TO THE SIU LIST**

ADDITIONS

The following Significant Industrial Users were added in 2019:

Benchmark Electronics, Inc.
3201 East Harbour Drive
Phoenix, Arizona 85034-7227

Sky Chefs, Inc. – LSG Sky Chefs
3555 South 28th Street
Phoenix, Arizona 85040-8603

Southwest Orthopedic and Spine Hospital, LLC. – OASIS Hospital
750 North 40th Street
Phoenix, Arizona 85008-6486

DELETIONS

The following Significant Industrial Users have ceased operations in 2019:

Nestle Waters North America Inc.
1635 South 43rd Avenue
Phoenix, AZ 85009-6026

SkyChefs, Inc. – LSG SkyChefs
1451 South 23rd Street
Phoenix, Arizona 85037-4806

Milum Textile Services
333 North 7th Avenue
Phoenix, Arizona 85007-2533

IASIS Health Care – Saint Luke's Medical Center
1800 East Van Buren Street
Phoenix, Arizona 85006-3742

**CITY OF PHOENIX
PRETREATMENT PERFORMANCE SUMMARY
ADDITIONS, DELETIONS AND CHANGES TO THE SIU LIST**

RECLASSIFICATIONS

**The following Significant Industrial Users have been reclassified in 2019:
RECLASSIFIED TO**

Honeywell International Inc. –
Honeywell Aerospace – Deer Valley
21111 North 19th Avenue
Phoenix, Arizona 85027-2708

Reclassified to Class B Zero
Categorical Discharge IU from Class A
Categorical SIU

American Beverage Corporation
2426 South 7th Street
Phoenix, Arizona 85034-6500

Reclassified to Class B Discharge IU from
Class A SIU

NAME CHANGES

The following Significant Industrial Users changed their names in 2019:

PepsiCo – Bottling Group, LLC.
4242 East Raymond Street
Phoenix, Arizona 85040-1935

IS NOW

Bottling Group, LLC. – The Pepsi
Beverages Company
4242 East Raymond Street
Phoenix, Arizona 85040-1935

Heligear Acquisition Co. –
D-Velco Manufacturing of Arizona, Inc.
401 South 36th Street
Phoenix, Arizona 85034-2812

IS NOW

Heligear Acquisition Co. dba
Northstar Aerospace – Phoenix
401 South 36th Street
Phoenix, Arizona 85034-2812

City of Phoenix
PRETREATMENT PERFORMANCE SUMMARY
23rd Avenue Wastewater Treatment Plant

I. General Information						
Control Authority Name: City of Phoenix			NPDES No: AZ0020559			
Address: 2474 South 22 nd Avenue		City: Phoenix		State: Arizona		ZIP: 85009
Contact Person: Jesse Flores				Contact Telephone Number: (602) 534-7588		
Reporting Period: January 1 – December 31, 2019			Categorical IUs: 14		Significant Non-Categorical IUs: 19	
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	No	%	No	%	No	%
1. No. of SIUs in Full Compliance	6	42.9	13	68.4	19	57.6
2. No. of SIUs in Inconsistent Compliance	7	50	5	26.3	12	36.4
3. No. of SIUs in Significant Noncompliance	1	7.1	1	5.3	2	6.1
4. No. of Parameter Violations	10		52		62	
5. No. of Reporting Violations	4		7		11	
6. No. of Permit Condition Violations	2		4		6	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	14		19		33	
2. No. of Nonsampling Inspections Conducted	19		27		46	
3. No. of Facilities Inspected (Nonsampling)	14		19		33	
4. No. of Sampling Visits Conducted	120		163		283	
5. No. of Facilities Sampled	14		17		31	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
1. Notices of Violations Issued to SIUs	14		20		34	
2. Temporary Increase in IU Self Monitoring	3		3		6	
3. Administrative Orders Issued to SIUs	0		0		0	
4. Compliance Schedules Issued	0		1		1	
5. Settlement Agreements	0		1		1	
6. Other Actions	0		0		0	
7. Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$ 0 / 0		\$56,148.28 / \$56,148.28		\$56,148.28 / \$56,148.28	

City of Phoenix
PRETREATMENT PERFORMANCE SUMMARY
91st Avenue Wastewater Treatment Plant

I. General Information						
Control Authority Name: City of Phoenix				NPDES No.: AZ0020524		
Address: 2474 South 22 nd Avenue		City: Phoenix		State: Arizona		ZIP: 85009
Contact Person: Jesse Flores				Contact Telephone Number: (602) 534-7588		
Reporting Period: January 1 – December 31, 2019			Categorical IUs: 44		Significant Non-Categorical IUs: 52	
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	No	%	No	%	No	%
1. No. of SIUs in Full Compliance	23	52.3	31	59.6	54	56.3
2. No. of SIUs in Inconsistent Compliance	18	40.9	17	32.7	35	36.5
3. No. of SIUs in Significant Noncompliance	3	6.8	4	7.7	7	7.3
4. No. of Parameter Violations	19		131		150	
5. No. of Reporting Violations	20		31		51	
6. No. of Permit Condition Violations	7		16		23	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	44		52		96	
2. No. of Nonsampling Inspections Conducted	50		75		125	
3. No. of Facilities Inspected (Nonsampling)	43		52		95	
4. No. of Sampling Visits Conducted	328		497		825	
5. No. of Facilities Sampled	43		49		92	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
1. Notices of Violations Issued to SIUs	46		68		114	
2. Temporary Increase in IU Self Monitoring	4		7		11	
3. Administrative Orders Issued to SIUs	0		0		0	
4. Compliance Schedules Issued	2		4		6	
5. Settlement Agreements	2		4		6	
6. Other Actions	0		0		0	
7. Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$54,634.85 / \$54,634.85		\$78,190.51 / \$78,190.51		\$132,825.36 / \$132,825.36	

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: AAA Ajax Pumping Service, Inc.

Process Flow: 28,789 GPD (Average)

General Information and type of wastewater treatment	<p>This facility accepts and de-watered septage, grease trap waste, and other wastewaters approved by the City of Phoenix. Treatment consists of a grinder pump, gravity settling, polymer dosing system, sludge dewatering tank, and solids extruder. The dewatering tank discharges to a centrifugal rotary fan for additional dewatering.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Abrazo Central Campus (Phoenix Baptist Hospital)

Process Flow: 72,746 (GPD) Average

General Information and type of wastewater treatment	<p>This facility is a 216 bed hospital that provides cardiovascular care, orthopedics, women's services, radiology, 24-hour emergency services, outpatient surgery, laboratories and on-site food services. The major sources of discharge are from patient rooms, cafeteria, surgical suites, and laboratories. The pretreatment system consists of a 25/50 grease trap for a 3 compartment sink in the kitchen and a 15/30 grease trap for a drain in the tallow bin area. Waste oils, acids and caustics, waste laboratory chemicals and biohazard wastes are collected in containment drums and shipped off site by a contractor for proper disposal.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Abrazo Scottsdale Campus

Process Flow: 34,209 (GPD) Average

General Information and type of wastewater treatment	<p>Abrazo Scottsdale Campus is a full service hospital featuring an Accredited Chest Pain Center, Da Vinci Robotic Surgery, Diagnostic Imaging, Emergency Services, Heart Care, Orthopedics, Outpatient Rehab, Pain Management, Rehabilitation Services, Stroke and Vascular Care, Surgical Services, Surgical Weight Loss, Urology, Wound Care and Women's Health.</p> <p>Pretreatment consists of a 3,000-gallon three compartment grease interceptor for the kitchen and implementation of BMPs in key areas of the hospital.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Allied Tube & Conduit Corporation

Process Flow: 1,300 (GPD) Average

General Information and type of wastewater treatment	<p>Allied Tube & Conduit Corporation (Allied Tube) manufactures mechanical tubing, fire sprinkler pipe, electrical conduit, as well as struts, piping and tubing used in construction and other industries. The products may be galvanized or uncoated. The pretreatment system consists of a series of tanks (or stages) wherein chemicals are added to the wastewater to cause precipitation, flocculation, coagulation, clarification, and pH adjustment. After pH adjustment, the wastewater is routed through a filter press to capture solids, then to the final holding tank before discharge to the sanitary sewer system via the compliance sampling point. Allied Tube is permitted under the 40 CFR 420 Iron and Steel Category.</p> <p>The pretreatment protocol is to perform quality in-house assurance tests of the pretreatment system at two points upstream of the compliance sampling point. Allied Tube operates a batch-discharge-system which, in conjunction with the two-point quality assurance protocol performed on each batch, minimizes the probability of an exceedance.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Alco, Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 4707 West Camelback Road Phoenix, Arizona 85031		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 11/29/2010	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 05/01/2016	PERMIT EXPIRES: 04/30/2021	
SAMPLING LOCATION VERIFIED ON: 08/15/2019		RCRA NOTICE: 12/10/2010		
SLUG CONTROL PLAN EVALUATION DATE: 08/15/2019		COMPLIANCE SAMPLING POINT No: 27301.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	4	2	7	0
Number of IU Sampling Days	3	1	1	3
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	1
Number of Permit Cond. Violations	0	0	0	3
Compliance Status	C	C	C	I
Evaluated as of:	05/14/2019	07/23/2019	11/05/2019	02/04/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Permit Condition	03/31/2019	N/A	N/A	N/A	Failure to Sample F Failure to Sample F Failure to Sample Hg NOV Response		
2 nd	Permit Condition	06/30/2019	N/A	N/A	N/A			
2 nd	Permit Condition	06/30/2019	N/A	N/A	N/A			
4 th	Reporting	12/20/2019	N/A	N/A	N/A			
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: AlSCO, Inc.
 Process Flow: 114,630 GPD (Average)

General Information and type of wastewater treatment	This facility is an industrial laundry service provider without any dry cleaning operations. Wastewater treatment consists of stream segregation, screening, pH neutralization, physical separation, and sedimentation.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	On December 9, 2019, an NOV was issued for IU failure to sample for Fluoride in the first and second Quarter of 2019 and failure to sample for Mercury in the first six months of 2019. NOV requirements were completed on December 9, 2019. On January 2, 2020, an NOV was issued for Late Reporting due to the failure to sample NOV response being received on December 27, 2019 when it was due on December 20, 2019.

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No
 Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: American Beverage Corporation		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 2426 South 7 th Street Phoenix, Arizona 85034-6500		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 11/15/2017	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 07/01/2018	PERMIT EXPIRES: 06/30/2023	
SAMPLING LOCATION VERIFIED ON: 04/03/2019		RCRA NOTICE: 06/15/2018		
SLUG CONTROL PLAN EVALUATION DATE: 04/03/2019		COMPLIANCE SAMPLING POINT No: (29496.00), 29496.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	N/A	N/A
Number of City Sampling Days	0	0	N/A	N/A
Number of IU Sampling Days	1	1	N/A	N/A
Number of Parameter Violations	1	0	N/A	N/A
Number of Inspection Violations	0	0	N/A	N/A
Number of Reporting Violations	0	1	N/A	N/A
Number of Permit Cond. Violations	0	0	N/A	N/A
Compliance Status	I	I	N/A	N/A
Evaluated as of:	08/08/2019	08/08/2019	N/A	N/A

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Parameter	03/30/2019	Grab	City	IU	pH	10.86	Continuous
2 nd	Reporting	04/23/2019	N/A	N/A	N/A	24-Hour Notification		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	A	N/A	N/A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: American Beverage Corporation
 Process Flow: 8,541 GPD (Average)

General Information and type of wastewater treatment	<p>American Beverage Corporation (ABC) manufactures flavored juice products and flavored youth beverages in a variety of sizes (small barrels and pouches) for brands including HUG, Sunny D, and Harvest Hill (Juicy Juice). There is an independent plastic container manufacturing company located in western half the building and supplies ABC with the plastic bottles. No water is used in that process. A pH neutralization system treats all process wastewater prior to discharge to the sampling point.</p>
First Quarter	<p>On 01/25/2019 the City became aware of an IU failure to sample for pH during the last full week of December 2018. An NOV was issued 02/01/2019. All requirements of the NOV were met.</p>
Second Quarter	<p>On 4/11/2019 the city became aware of a pH excursion that occurred on 3/30/2019. A NOV for pH Continuous Self-Monitoring was issued on 4/11/2019, all requirements of the NOV were met.</p> <p>On 05/09/2019, an NOV was issued for late 24-hour notification due to a potential pH excursion that occurred on 04/22/2019. The excursion should have been reported on 04/23/2019 but was not reported until 04/24/2019, one day late. All requirements of the NOV were met.</p> <p>Class B permit No: 1905-29496 issued on 05/06/2019, no longer considered SIU due to flows less than 25,000 gallons per day.</p>
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: AmeriPride Services, Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 6025 West Van Buren Street Phoenix, Arizona 85043-3509		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: N/A	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 05/01/2018	PERMIT EXPIRES: 04/30/2023	
SAMPLING LOCATION VERIFIED ON: 05/16/2019		RCRA NOTICE: 06/30/1998		
SLUG CONTROL PLAN EVALUATION DATE: 05/16/2019		COMPLIANCE SAMPLING POINT No: 5397.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	1
Number of City Sampling Days	4	4	2	6
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	0	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	2
Number of Permit Cond. Violations	0	1	0	0
Compliance Status	C	I	C	I
Evaluated as of:	07/30/2019	08/02/2019	12/06/2019	02/04/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Permit Condition	05/04/2019	N/A	N/A	N/A	Failure to sample pH		
4 th	Reporting	10/29/2019	N/A	N/A	N/A	Late SMR		
4 th	Parameter	11/07/2019	Grab	City	City	pH	10.9/10.5 S.U.	17
4 th	Reporting	11/18/2019	N/A	N/A	N/A	Late NOV Response		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A (1)	A (3), L		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: AmeriPride Services, Inc.
 Process Flow: 216,614 (GPD) Average

General Information and type of wastewater treatment	<p>This facility is an industrial laundry. The facility launders uniforms, linens, shop towels and various textiles. Wastewater treatment consists of coagulant/polymer addition, mixing, flocculation, settling, filter press (solids separation/disposal), and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 08/20/2019, an NOV was issued for IU failure to sample for pH during the week of 04/28/2019 – 05/04/2019. All requirements of the NOV were met.</p>
Fourth Quarter	<p>On 11/04/2019, an NOV was issued for a late SMR submission. The SMR was due by 10/28/2019 and was received on 10/30/2019, two day(s) late. All requirements of the NOV were met.</p> <p>On 11/07/2019 a Field NOV was issued for a pH violation which occurred during City monitoring. A TISM was issued on 11/12/2019. The IU met all of the requirements.</p> <p>On 11/26/2019, an NOV was issued to for Late Response to the NOV issued on 11/07/2019. This report was received on 11/21/2019, four days late. The IU met all of the requirements.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Angelica

Process Flow: 120,366 (GPD) Average

General Information and type of wastewater treatment	<p>Angelica is an industrial laundry that supplies clean linens and garments to hospitals, restaurants and the hospitality industry.</p> <p>The pretreatment system has a series of three points, each with an associated monitoring probe and injection pump, where the pH of the wastestream is monitored. The three monitoring points have different set points. The monitoring points are designated M1, M2 and M3 with corresponding set points approximately 10.0-SU, 9.7-SU and 9.0-SU. They are arranged where M1 with set point 10.0-SU is furthest from the discharge point and M3 with set point 9-SU is closest to the discharge point.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: APS BioGroup, Inc.			REPORT PERIOD: 01/01/2019 through 12/31/2019	
SERVICE ADDRESS: 2235 South Central Avenue Phoenix, Arizona 85004-2909		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 439.47	LIMITS APPENDIX: A, L	BMR SUBMITTED: 12/05/2016	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 10/06/2017		PERMIT EXPIRES: 10/05/2022	
SAMPLING LOCATION VERIFIED ON: 03/14/2019		RCRA NOTICE: 10/18/2017		
SLUG CONTROL PLAN EVALUATION DATE: 03/14/2019		COMPLIANCE SAMPLING POINT No: 30755.01, 30755.02		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	4	6	4	4
Number of IU Sampling Days	2	2	1	2
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	1
Compliance Status	C	C	C	I
Evaluated as of:	08/09/2019	08/09/2019	12/13/2019	02/10/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
4 th	Permit Condition	10/12/2019	N/A	N/A	N/A	Failure to sample pH		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	K	N	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: APS BioGroup, Inc
 Process Flow: 35,504 (GPD) Average

General Information and type of wastewater treatment	<p>APS BioGroup Inc. produces a wide range of bulk colostrum products as well as consumer ready packaged products in the form of capsules, tablets, individual sachets and packaged powders. Furthermore, APS BioGroup Inc. manufactures 200+ non-colostrum private label health supplements produced from over 500+ inventoried ingredients.</p>
First Quarter	<p>On 01/14/2019 an NOV was issued for various monthly average and daily effluent Acetone exceedances that occurred on 12/31/2017, 01/31/2018, 04/05/2018 and 04/30/2018. The IU met all requirements.</p> <p>On 01/28/2019, the IU was notified of 2018 1st Quarter Significant Non-Compliance (SNC) for Chronic and Technical Review Criteria (TRC) monthly averages, and of 2018 3rd Quarter SNC for Chronic monthly average SNC due to acetone exceedances.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/05/2019, an NOV was issued for failing to sample pH for the week of 10/12/2019. The IU has met all requirements.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: APS West Phoenix Power Plant

Process Flow: 203,106 (GPD) Average

General Information and type of wastewater treatment	<p>APS-West Phoenix Power Plant operates a natural gas-fueled steam electric power plant which is considered a peaking facility based on system demand for electricity. Discharge to City of Phoenix Sanitary Sewer is limited to the blowdown from cooling towers 1-2-3 and 4. There is no pretreatment of cooling tower blowdown wastewater prior to discharge; however, there is water treatment including pH neutralization of the cooling tower basin water as it circulates.</p>
First Quarter	
Second Quarter	<p>On June 6, 2019, IPP staff issued a Notice of Concern (NOC) to APS West Phoenix Power Plant for incorrect Effluent Sample Preservation of an Arsenic and Chromium sample taken on March 7, 2019. No requirements were made as a result of this Notice of Concern.</p>
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Aramark Uniform and Career Apparel, Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 3836 West Buckeye Road, Bldg F Phoenix, AZ 85009-5421		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 02/28/1990	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 04/16/2018	PERMIT EXPIRES: 03/31/2022	
SAMPLING LOCATION VERIFIED ON: 03/21/2019		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 03/21/2019		COMPLIANCE SAMPLING POINT №: 2180.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	4	4	4	6
Number of IU Sampling Days	3	3	3	4
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	1	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	08/08/2019	09/10/2019	01/13/2020	02/05/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Permit Condition	03/31/2019	N/A	N/A	N/A	Failure to Sample BOD/TSS		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	A	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Aramark Uniform and Career Apparel, Inc.

Process Flow: 92,274 GPD (Average)

General Information and type of wastewater treatment	<p>Aramark Uniform and Career Apparel, Inc. (Aramark) is an industrial laundry providing reusable textiles to a variety of customers. The facility launders garments, linen, mats, wiping towels, and maps. Wastewater treatment consists of pH neutralization and diffused air flotation.</p>
First Quarter	
Second Quarter	<p>An NOV was issued on 05/15/2019 for Failure to sample BOD and TSS in the 1st Quarter of 2019. All requirements for the NOV were met.</p>
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Arizona Foods Group, Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 2517 East Chambers Street Phoenix, Arizona 85040-3640		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: N/A	
TO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 01/16/2017	PERMIT EXPIRES: 12/31/2021	
SAMPLING LOCATION VERIFIED ON: 04/23/2019		RCRA NOTICE 02/07/2014		
SLUG CONTROL PLAN EVALUATION DATE: 04/23/2019		COMPLIANCE SAMPLING POINT No: 5325.02		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	3	3	4	0
Number of IU Sampling Days	3	3	3	3
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	1	0	0
Compliance Status	C	I	C	C
Evaluated as of:	08/08/2019	09/10/2019	01/13/2020	02/06/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Permit Condition	05/31/2019	N/A	N/A	N/A	Failure to Sample pH		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona Foods Group, Inc.
 Process Flow: 16,186 (GPD) Average

General Information and type of wastewater treatment	<p>This facility is a dairy and non-dairy manufacturer of half and half, smoothie mixes, frozen yogurt, non-dairy toppings and dessert mixes. Sodium Hydroxide or Sulfuric Acid is used to neutralize the process wastes that are pumped into the pH neutralization tank before the waste is discharged to the flume. There is a 3 stage 1800-gallon oil/grease interceptor installed upstream of the compliance sampling point 5325.02.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>An NOV was issued on 07/19/2029 for Failure to Sample pH during the last week of May 2019. All requirements for this NOV have been met.</p> <p>A Notice of Concern (NOC) was issued on 09/25/2019 for Effluent Concentration Trend – High pH. All requirements for this NOC have been met.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No
 Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Arizona Precision Sheet Metal, Inc. (dba APSM Systems)		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 2140 West Pinnacle Peak Road Phoenix, Arizona 85027-1200		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 07/29/1994	
TTO CERTIFICATION DATE SUBMITTED: 01/24/2020	PERMIT EFFECTIVE: 07/01/2016	PERMIT EXPIRES: 06/30/2021		
SAMPLING LOCATION VERIFIED ON: 07/12/2019	RCRA NOTICE: 09/16/1994			
SLUG CONTROL PLAN EVALUATION DATE: 07/12/2019	COMPLIANCE SAMPLING POINT No: 5309.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	2	0	0	2
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	04/29/2019	08/13/2019	10/09/2019	01/27/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
4 th	Reporting	11/29/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona Precision Sheet Metal, Inc. (dba APSM Systems)

Process Flow: 856 (GPD) Average

General Information and type of wastewater treatment	<p>Arizona Precision Sheet Metal, Inc. (APSM) manufactures metal parts and complete metal cabinets integrated with electronic components. The forming and assembly process includes metal forming, degreasing, etching, chromating, welding, and sanding in preparation for painting and final assembly.</p> <p>Arizona Precision has two manufacturing processes that discharge wastewater to the City of Phoenix sewer system through the compliance sampling point; the GFC line and the Deburr/Tumbler station. The pretreatment system consists of a large 2,000 gallon holding tank, a pH neutralization tank, a V-notch weir box, and a sump. Water from the holding tank is routed to the pH neutralization tank before it is discharged through the compliance sampling point.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/04/2019, an NOV was issued for submitting a late self-monitoring report which was due on 11/28/2019. The SMR was received on 12/02/2019, four days late. All requirements of the NOV were met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: ASM America, Inc. University Drive Plant		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 3440 East University Drive Phoenix Arizona 85037-7200		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 469.18	LIMITS APPENDIX: F	BMR SUBMITTED: 03/30/2001	
TTO CERTIFICATION DATE SUBMITTED: 01/16/2020	PERMIT EFFECTIVE: 02/01/2017	PERMIT EXPIRES: 01/31/2022		
SAMPLING LOCATION VERIFIED ON: 02/21/2019	RCRA NOTICE: 07/06/2001			
SLUG CONTROL PLAN EVALUATION DATE: 02/21/2019	COMPLIANCE SAMPLING POINT No: 20489.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	4	5	4	3
Number of IU Sampling Days	1	0	1	1
Number of Parameter Violations	1	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	07/30/2019	08/02/2019	11/26/2019	02/11/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Parameter	02/13/2019	Grab	City	IU	pH (Instant.)	11.0/10.5 S.U.	15
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A(1)	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: ASM America, Inc. University Drive Plant

Process Flow: 27,762 (GPD) Average

General Information and type of wastewater treatment	<p>ASM America, Inc. University Drive Plant (ASM) designs and builds machines (tools) used to manufacture semiconductors. ASM receives specifications for a layer of a wafer from a semiconductor manufacturer. ASM in turn designs a recipe for the manufacture of a wafer layer with the desired specifications. The recipe may consist of chemical constituents, temperature, pressure, deposition method and deposition rate. The recipe is tested and altered until the recipe is perfected. ASM "manufactures" semiconductors or rather layers of semiconductors but not finished semiconductor devices for production or sale.</p> <p>ASM utilizes pH neutralization for the pretreatment process. Regulated process flows are routed to a pH adjust tank (approximately 1,300 gallons). Doses of sodium hydroxide are fed/dispensed to the pH adjust tank from a 375 gallon tank to neutralize the wastewater before discharge to the sewer. The pH Monitoring/Adjust System is configured such that it has a "set point" to trigger a dose of sodium hydroxide to raise the pH of wastewater when needed. The system also has "alert points" that will cause an audible alarm if the pH of wastewater in the tank varies outside of a specified range.</p>
First Quarter	Empty content for First Quarter
Second Quarter	<p>On 02/21/2019, an NOV and 30-day resample were issued for a pH violation which occurred on 02/13/2019. The IU met all of the requirements.</p>
Third Quarter	Empty content for Third Quarter
Fourth Quarter	Empty content for Fourth Quarter

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Avanti Circuits, Inc.
 Process Flow: 18,372 (GPD) Average

General Information and type of wastewater treatment	The facility manufactures printed circuits boards. Wastewater treatment consists of: stream segregation, ion exchange, metals precipitation, flocculation, and pH neutralization.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	Class A Wastewater Discharge Permit 1910-1310 went into effect on October 1, 2019 and is set to expire on September 30, 2024.

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No
 Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**ITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Baker Commodities, Inc. (Elwood)		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 3602 West Elwood Street Phoenix, Arizona 85009-6737		MAILING ADDRESS: Same		
CATEGORICAL USER?	No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 03/20/1998
TTO CERTIFICATION DATE SUBMITTED:	N/A		PERMIT EFFECTIVE: 12/01/2017	PERMIT EXPIRES: 11/30/2022
SAMPLING LOCATION VERIFIED ON:	12/06/2019		RCRA NOTICE 03/20/1998	
SLUG CONTROL PLAN EVALUATION DATE:	12/06/2019		COMPLIANCE SAMPLING POINT №: 5366.01	
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	0	1
Number of City Sampling Days	4	4	0	4
Number of IU Sampling Days	7	6	6	7
Number of Parameter Violations	1	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	1	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	S	C	C	C
Evaluated as of:	08/09/2019	08/09/2019	01/15/2020	02/04/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Effluent	02/08/2019	Grab	City	IU	pH	4.70/5.0 S.U.	15
1 st	Reporting	02/09/2019	N/A	N/A	N/A	24-Hour Notification		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	A(2), L	E, F, I	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Baker Commodities, Inc. (Elwood)

Process Flow: 88,321 (GPD) Average

General Information and type of wastewater treatment	<p>The facility renders animal fat from dead animals and separates grease from wastewater for reuse in animal feed. The wastewater treatment consists of stream segregation, emulsion breaking, pH neutralization, physical separation, and sedimentation.</p>
First Quarter	
Second Quarter	<p>On 03/22/2019 the City became aware of a daily pH exceedance. An NOV, 30-day Resample, and TISM were issued on 04/11/2019. The IU met all requirements.</p> <p>On 04/11/2019 an NOV was issued for a late 24-Hour Notification, due 02/09/2019, and received 03/22/2019, 42 days late. All requirements of the NOV were met. The IU was subsequently notified of 1st Quarter Significant Non-Compliance for submitting a report 30 days or more past the due date.</p> <p>On 06/14/2019 a Notice to Show Cause was issued as a result of the Significant Non-Compliance Status achieved in the 1st Quarter of 2019.</p>
Third Quarter	<p>On 07/18/2019 a Show Cause Meeting was held to discuss violations occurring during the enforcement period 02/01/2019 through 04/01/2019. A Pretreatment Settlement Agreement was reached which included monetary penalties of \$2,211 and a compliance schedule. The full monetary penalty was collected during 2019 and the additional requirement of the compliance schedule is in the process of being met.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? X Yes No
 Penalties this reporting Year: Assessed \$ 2,211.00 Collected \$ 2,211.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Banner Estrella Medical Center

Process Flow: 93,014 (GPD) Average

General Information and type of wastewater treatment	This facility conducts normal hospital operations. Wastewater treatment consists of stream segregation and physical separation.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Banner Health - Banner University Medical Center Phoenix Campus

Process Flow: 159,082 (GPD) Average

General Information and type of wastewater treatment	
<p>Banner Good Samaritan Medical Center (Banner) is a Level One trauma hospital that provides emergency services and advanced heart and cardiovascular care. Services include: the Cavanagh Heart Center, Stroke Center and the Transplant Services Team. Banner is known for its success in handling high-risk obstetrics.</p> <p>The wastewater treatment consists of wastestream segregation and physical separation.</p>	
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Benchmark Electronics, Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 3201 East Harbour Drive Phoenix Arizona 85034-7227		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 05/01/2018	
TTO CERTIFICATION DATE SUBMITTED: 01/22/2020		PERMIT EFFECTIVE: 03/08/2019	PERMIT EXPIRES: 02/29/2024	
SAMPLING LOCATION VERIFIED ON: 12/12/2019		RCRA NOTICE: 03/05/2019		
SLUG CONTROL PLAN EVALUATION DATE: 05/01/2019		COMPLIANCE SAMPLING POINT No: 45967.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	1
Number of City Sampling Days	0	0	8	0
Number of IU Sampling Days	0	1	3	3
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	1
Number of Permit Cond. Violations	0	1	0	1
Compliance Status	C	I	C	I
Evaluated as of:	07/31/2019	07/31/2019	12/05/2019	02/11/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Permit Condition	Multiple	N/A	N/A	N/A	Failure to Sample pH		
4 th	Reporting	10/29/2019	N/A	N/A	N/A	Late SMR		
4 th	Permit Condition	12/31/2019	Composite	N/A	N/A	Failure to Sample Mo		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Benchmark Electronics, Inc.
 Process Flow: 5,071 (GPD) Average

General Information and type of wastewater treatment	Benchmark conducts plating, assembly, and machining operations to support manufacture of multilayer printed circuit boards (PCBs) which are base components onto which semiconductors and integrated circuits are affixed. Pretreatment with the Total Treat CPS-50 system includes acid neutralization, ion exchange, flocculation and precipitation, sludge collection, filter press, and a separate gold recovery process for the gold process rinses.
First Quarter	
Second Quarter	
Third Quarter	On 07/11/2019, an NOV was issued on for failure to sample for pH in last the last two weeks of May 2019 and the first three weeks of June 2019. All requirements of the NOV were met.
Fourth Quarter	On 11/01/2019, an NOV was issued for late submittal of the September 2019 SMR. The SMR was due by 10/28/2019 and was received on 10/30/2019, two day(s) late. All requirements of the NOV were met. An NOV will be issued in the 1 st Quarter of 2020 for failure to sample for Molybdenum in the second half of 2019 (July – December).

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No
 Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: PepsiCo – Bottling Group, LLC

Process Flow: 169,266 (GPD) Average

General Information and type of wastewater treatment	This facility manufactures carbonated and non-carbonated soft drinks. Wastewater consists of pH neutralization.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Café Valley Bakery, Inc.			REPORT PERIOD: 01/01/2019 through 12/31/2019	
SERVICE ADDRESS: 7000 W. Buckeye Rd. Phoenix, Arizona 85043-4306			MAILING ADDRESS: Same	
CATEGORICAL USER? No	40 CFR	Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 02/06/2013
TTO CERTIFICATION DATE SUBMITTED: N/A			PERMIT EFFECTIVE: 03/01/2018	PERMIT EXPIRES: 02/28/2023
SAMPLING LOCATION VERIFIED ON: 01/10/2019		RCRA NOTICE: 02/28/2013		
SLUG CONTROL PLAN EVALUATION DATE: 01/10/2019		COMPLIANCE SAMPLING POINT №: 27064.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	0	4	4	2
Number of IU Sampling Days	1	1	2	0
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	07/30/2019	07/30/2019	12/04/2019	01/30/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
4 th	Reporting	11/29/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Café Valley Bakery, Inc.

Process Flow: 45,286 (GPD) Average

General Information and type of wastewater treatment	<p>The facility receives raw bulk ingredients and mixes, bakes, packages and delivers bakery products to customers. The clean-in-place system used to clean some piping and mixing vats generates wastewater as a batch discharge whenever it is used.</p> <p>Café Valley uses a 3,200 gallon, 3 compartment underground oil and solids interceptor to remove solids from the effluent from this facility. This interceptor discharges to a 7,500-gallon flow equalization tank. The 7,500-gallon flow equalization tank discharges to a pH adjustment system. The pH adjustment system consists of the 7500-gallon flow equalization tank, a sodium hydroxide injection system, a sulfuric acid injection system, a mechanical mixing tank, and a continuous pH monitor.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/04/2019, an NOV was issued for submitting a late self monitoring report which was due on 11/28/2019. The SMR was received on 12/2/2019; 3 days late. All requirements of the NOV were met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Carl T. Hayden Medical Center		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 650 East Indian School Road Phoenix, Arizona 85012-1839		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: N/A	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 12/15/2017	PERMIT EXPIRES: 01/31/2022	
SAMPLING LOCATION VERIFIED ON: 11/05/2019		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 11/05/2019		COMPLIANCE SAMPLING POINT No: 2590.04, 2590.05, 2590.06, 2590.07, 2590.FWA		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	0	1
Number of City Sampling Days	4	0	4	0
Number of IU Sampling Days	3	3	3	3
Number of Parameter Violations	0	0	1	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	I	I
Evaluated as of:	04/24/2019	07/24/2019	10/22/2019	01/24/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3 rd	Parameter	08/15/2019	Composite	City	IU	Copper (Daily)	9.72/1.5 mg/L	3
4 th	Reporting	10/15/2019	N/A	N/A	N/A	Late NOV response		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A, L	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Carl T. Hayden Medical Center
 Process Flow: 177,834 GPD (Average)

General Information and type of wastewater treatment	Carl T. Hayden VA Medical Center is a full service hospital that provides surgery, dental, x-ray, psychiatric, rehabilitation care and neurological services to military veterans and their families. The facility has over 400 beds. The wastewater treatment consists of stream segregation and physical separation.
First Quarter	
Second Quarter	
Third Quarter	On 09/30/2019 an NOV was issued for an effluent violation of the daily maximum limits for Copper that occurred during self-monitoring on 08/15/2019. All requirements of the NOV were met.
Fourth Quarter	On 10/24/2019 an NOV was issued for a late NOV response, due 10/15/2019, but received 10/22/2019, 8 days late. All requirements of the NOV were met.

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Cassavant Assembly & Processing, LLC.				REPORT PERIOD: 01/01/2019 through 12/31/2019				
SERVICE ADDRESS: 3725 East Atlanta Avenue Phoenix, Arizona 85040-2960				MAILING ADDRESS: Same				
CATEGORICAL USER? YES		40 CFR 433.17		LIMITS APPENDIX: E		BMR SUBMITTED: 10/26/2016		
TTO CERTIFICATION DATE SUBMITTED: 01/28/2020				PERMIT EFFECTIVE: 10/01/2016		PERMIT EXPIRES: 09/30/2021		
SAMPLING LOCATION VERIFIED ON: 06/12/2019				RCRA NOTICE: 09/23/2016				
SLUG CONTROL PLAN EVALUATION DATE: 06/12/2019				COMPLIANCE SAMPLING POINT No: 33214.01				
	1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)	
Number of Inspections	0		1		0		0	
Number of City Sampling Days	3		2		0		3	
Number of IU Sampling Days	3		3		3		3	
Number of Parameter Violations	0		0		0		0	
Number of Inspection Violations	0		0		0		0	
Number of Reporting Violations	0		0		0		0	
Number of Permit Cond. Violations	0		1		0		0	
Compliance Status	C		I		C		C	
Evaluated as of:	08/02/2019		08/02/2019		12/05/2019		02/11/2020	

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Permit Condition	06/30/2019	N/A	N/A	N/A	Failure to Sample Ag		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A (1)	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Cassavant Assembly & Processing, LLC.
 Process Flow: 4,679 GPD (Average)

General Information and type of wastewater treatment	The metal finishing facility conducts passivation, anodizing, non-destructive testing, painting and coating operations. Wastewater treatment consists of waste stream segregation, ion exchange, adsorption and chemical reduction as well as pH adjustment.
First Quarter	
Second Quarter	
Third Quarter	On 08/14/2019, an NOV was issued for IU failure to sample for Silver during the month of June 2019. All requirements of the NOV were met.
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Celgene Corporation

Process Flow: 47,190 (GPD) Average

General Information and type of wastewater treatment	<p>Celgene Corporation operations involve the compounding, filling, labeling, packaging, warehousing and shipping of branded and generic sterile pharmaceutical injectables.</p> <p>Celgene Corporation has two compliance sampling points; one was deactivated due to water reuse system installation in the 1st Quarter of 2019. Pretreatment consists of waste stream segregation, physical separation and pH adjustment.</p>
First Quarter	<p>The IU provided notification on 01/09/2019 that CSP 27278.02 would no longer discharge process wastewater and was subsequently deactivated.</p> <p>Revised Permit 1903-27278 was issued to reflect CSP 27278.02 Deactivation.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Certified Inspection Service Company Inc.

Process Flow: 2,801 (GPD) Average

General Information and type of wastewater treatment	<p>Certified Inspection Service Company, Inc. (Certified Inspection) performs inspections on newly manufactured aerospace parts. Non-destruct analyses are performed through fluorescent penetrant dye inspections, magnetic particle inspections, or x-ray inspections. The facility also performs ancillary chemical cleaning processes and passivation services.</p> <p>Pretreatment consists of a pH adjustment system. Waste water from the acid and alkaline room rinse tanks and rinse water from the x-ray process go to the large outdoor holding tank that is located next to the compliance sampling point. Concentrated sulfuric acid or sodium hydroxide are on an automatic dosing system.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: ChemResearch Company, Inc.				REPORT PERIOD: 01/01/2019 through 12/31/2019				
SERVICE ADDRESS: 1130 West Hilton Avenue Phoenix, Arizona 85007-4306				MAILING ADDRESS: Same				
CATEGORICAL USER? Yes		40 CFR 433.17		LIMITS APPENDIX: E		BMR SUBMITTED: 02/09/1983		
TTO CERTIFICATION DATE SUBMITTED: 01/23/2020				PERMIT EFFECTIVE: 01/01/2019		PERMIT EXPIRES: 12/31/2023		
SAMPLING LOCATION VERIFIED ON: 05/28/2019				RCRA NOTICE: 02/27/1990				
SLUG CONTROL PLAN EVALUATION DATE: 05/28/2019				COMPLIANCE SAMPLING POINT No: 1350.02, (CN Point 1350.03)				
	1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)	
Number of Inspections	0		2		0		0	
Number of City Sampling Days	3		5		4		4	
Number of IU Sampling Days	6		4		7		7	
Number of Parameter Violations	0		0		1		1	
Number of Inspection Violations	0		0		0		0	
Number of Reporting Violations	0		0		0		1	
Number of Permit Cond. Violations	0		0		0		0	
Compliance Status	C		C		I		I	
Evaluated as of:	08/08/2019		09/10/2019		01/13/2020		02/14/2020	

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3 rd	Parameter	07/31/2019	Composite	Federal	City	Nickel (MAV)	3.00/2.38 mg/L	3
4 th	Parameter	12/06/2019	Composite	City	IU	Cadmium (Daily)	0.0865/0.047 mg/L	1
4 th	Reporting	12/19/2019	N/A	N/A	N/A	24-Hour Notification		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: ChemResearch Co., Inc.

Process Flow: 48,528 (GPD) Average

General Information and type of wastewater treatment	<p>ChemResearch Company, Inc., is a metal finisher that performs Type I chromic-acid anodizing, Type II and III sulfuric-acid anodizing, manganese and zinc phosphating, hard chrome, electroless nickel, nickel, silver, gold, copper, chem-film chromium conversion coating, passivation, zincate coating, aluminum coloring, grinding, painting, and non-destructive testing, caustic fume scrubber bleed-off, and laboratory operations.</p> <p>Cyanide-bearing wastewaters are treated through two-stage alkaline chlorination followed by a holding tank. Chromium-bearing wastewaters collect into equalization Tank 1 for pumped feed through two-stage chromium reduction. General wastewaters collect into equalization Tank 2 for pumped feed through two-stage metal precipitation, along with the pre-treated cyanide-bearing and chromium-bearing wastewaters, to a lift station. The treated wastewaters are pumped through chemical-aided Lamella clarification, final pH adjustment and discharge to the sewers. The cyanide destruction, chromium reduction, metals precipitation, and final pH adjustment steps are all outfitted with process monitoring meters for pH, ORP, or both. The precipitate solids removed by the Lamella clarifier are dewatered through sludge decanting and filter pressing. Nickel-bearing spents are batch treated for solids removal through the filter press. Chrome plating baths are treated by in-line ion exchange for reuse.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 08/12/2019 the City became aware of a violation of the monthly average limit for Nickel; the IU exceeded the calculated limit on 07/31/2019. An NOV was issued on 08/18/2019 and all requirements for the NOV were completed.</p>
Fourth Quarter	<p>On 02/07/2020 the City became aware of a daily Cadmium exceedance that occurred on 12/06/2019. An NOV, 30-Day Resample, and TISM were issued on 02/18/2020. Completion of the NOV requirements is still pending.</p> <p>On 02/18/2020 an NOV was issued for a late 24-Hour Notification, due 12/19/2019, and received 01/23/2020, 35 days late. Completion of the NOV requirement is still pending. The IU will be notified of 1st Quarter Significant Non-Compliance for 2020 for submitting a report over 30 days past the required due date.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Chromalloy Arizona

Process Flow: 5,078 (GPD) Average

General Information and type of wastewater treatment	<p>Processes consist of Platinum, Rhodium, and Nickel-plating operations associated with the thermal infusion coating process.</p> <p>Pretreatment processes include flocculation followed by pH adjustment to achieve precipitation of metals, followed by clarification and filtering before discharge. X-ray fixer is treated with an electrolytic silver recovery unit followed by a metal exchange filter to recover remaining silver.</p>
First Quarter	<p>Renewed permit #1901-2760 went into effect on 01/01/2019.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Cintas Corporation – Roosevelt Street

Process Flow: 42,075 GPD (Average)

General Information and type of wastewater treatment	<p>This facility is a commercial laundry that processes soiled linens, mats, mops, and towels from industrial, governmental, and commercial users. Wastewater treatment consists of equalization, diffused air floatation, coagulation and flocculation.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Cintas Corporation

Process Flow: 51,385 (GPD) Average

General Information and type of wastewater treatment	<p>The facility is a commercial laundry.</p> <p>The wastewater treatment consists of a screen filter, three-compartment interceptor and pH adjustment.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Cleanpart Southwest LLC

Process Flow: 1,386 (GPD) Average

General Information and type of wastewater treatment	<p>CleanPart Southwest LLC cleans equipment used in the semiconductor manufacturing industry by removing deposited materials by abrasive blasting or chemically using acids or caustic solutions. The parts are then rinsed with D I water, dried with compressed air, and then blasted with CO2 ice particles. Finally, the parts are packaged for shipment in a clean room environment.</p> <p>The pretreatment system consists of a series of tanks (or stages) wherein chemicals are added to the wastewater to cause precipitation, flocculation, coagulation, clarification, and pH adjustment, then batch discharged via a spigot compliance sampling point.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Crothall Laundry Services Inc.- The Commercial Linen Exchange

Process Flow: 156,851 (GPD) Average

General Information and type of wastewater treatment	<p>This facility is an industrial laundry which launders hospital linens, uniforms and floor mops; operations exclude dry cleaning processes. Wastewater treatment consists of pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Dignity Health - St. Joseph's Hospital & Medical Center

Process Flow: 180,126 (GPD) Average

General Information and type of wastewater treatment	<p>This facility is a large full service hospital and neurological research center.</p> <p>Wastewater treatment consists of gravity separation of grease wastes and BMPs to limit or eliminate the discharge of solvents, metals, and grease pollutants from various locations throughout the hospital.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 02/14/2020, an NOV was issued for submitting a late December 2019 self-monitoring report (SMR) which was due on 1/28/2020. The SMR was received on 02/07/2020, 10 days late. Completion of NOV requirements is still pending.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: District Photo, Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 2500 East Chambers Street Phoenix, Arizona 85040-3639		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 08/27/2014	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 10/01/2019	PERMIT EXPIRES: 09/30/2024	
SAMPLING LOCATION VERIFIED ON: 05/06/2019		RCRA NOTICE: 10/06/2014		
SLUG CONTROL PLAN EVALUATION DATE: 05/31/2019		COMPLIANCE SAMPLING POINT No: 32388.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	3	0	2	0
Number of IU Sampling Days	1	1	1	2
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	1
Number of Permit Cond. Violations	0	0	0	2
Compliance Status	C	C	C	I
Evaluated as of:	06/10/2019	07/25/2019	11/13/2019	01/13/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
4 th	Reporting Permit Condition	11/29/2019	N/A	N/A	N/A	Late SMR Failure to Sample BOD Failure to Sample TSS		
4 th		12/31/2019	N/A	N/A	N/A			
4 th	Permit Condition	12/31/2019	N/A	N/A	N/A			
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: District Photo, Inc.

Process Flow: 10,567 (GPD) Average

General Information and type of wastewater treatment	<p>This facility produces photographic prints from digital images: 5333sq/ft of paper per hour and digital printing – 5 million sheets per year. Pretreatment consists of electrolytic silver recovery, ion exchange, equalization, and batch pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/04/2019, an NOV was issued for submitting a late self-monitoring report which was due 11/28/2019. The SMR was received on 12/02/2019; four days late. All requirements of the NOV were met.</p> <p>On 02/14/2020, an NOV was issued for IU failure to sample for BOD and TSS during the 4th quarter of 2019. Completion of NOV requirements is still pending.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: DS Services of America, Inc.				REPORT PERIOD: 01/01/2019 through 12/31/2019				
SERVICE 3302 West Earll Drive ADDRESS: Phoenix, Arizona 85017-5242				MAILING ADDRESS: Same				
CATEGORICAL USER? No		40 CFR Local Limits		LIMITS APPENDIX: A		BMR SUBMITTED: 07/01/1992		
TTO CERTIFICATION DATE SUBMITTED: NA				PERMIT EFFECTIVE: 07/1/2019		PERMIT EXPIRES: 06/30/2024		
SAMPLING LOCATION VERIFIED ON: 06/07/2019				RCRA NOTICE: 07/01/1992				
SLUG CONTROL PLAN EVALUATION DATE: 06/07/2019				COMPLIANCE SAMPLING POINT №: 21740.02				
	1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)	
Number of Inspections	0		1		1		0	
Number of City Sampling Days	8		1		8		0	
Number of IU Sampling Days	1		0		1		2	
Number of Parameter Violations	0		0		0		0	
Number of Inspection Violations	0		0		0		0	
Number of Reporting Violations	0		0		0		1	
Number of Permit Cond. Violations	0		0		0		0	
Compliance Status	C		C		C		I	
Evaluated as of:	04/25/2019		07/26/2019		10/28/2019		01/24/2020	

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
4 th	Reporting	11/29/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: DS Services of America, Inc.

Process Flow: 143,269 (GPD) Average

General Information and type of wastewater treatment	<p>DS Services produces and packages purified drinking water that is marketed under multiple brands. Water from an on-site well is purified by reverse osmosis, carbon filtration, microfiltration, distillation and ozone contact. Pretreatment consists of equalization and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/04/2019, an NOV was issued for submitting a late self-monitoring report which was due on 11/28/2019. The SMR was received on 12/02/2019; four days late. All requirements of the NOV were met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Dunn-Edwards Corporation

Process Flow: 4,540 GPD (Average)

General Information and type of wastewater treatment	<p>Dunn-Edwards Corporation (Dunn-Edwards) is a paint manufacturing and distribution facility. Dunn-Edwards manufactures high quality water based latex architectural coatings. The operation consists of a batch and filling process. The manufacturing processes which generate wastewater or have the potential to generate wastewater are from the paint making letdown tank cleaning and from the paint filling manifold/pop tank cleaning. The facility currently produces about 70,000 gallons of paint per day.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Entrepix, Inc.

Process Flow: 4,623 (GPD) Average

General Information and type of wastewater treatment	<p>This facility performs chemical mechanical polishing, Semiconductor Equipment Zubeloer (SEZ) wet planning operations and related wafer polishing operations. Pretreatment consists of pH neutralization and micro filtration. IU opts to sample TTOs quarterly.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: FlipChip International, LLC			REPORT PERIOD: 01/01/2019 through 12/31/2019	
SERVICE ADDRESS: 3701 East University Drive Phoenix, Arizona 85034-8225		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 469.18	LIMITS APPENDIX: F	BMR SUBMITTED: 10/09/1996	
TTO CERTIFICATION DATE SUBMITTED: 01/13/2020	PERMIT EFFECTIVE: 05/01/2018	PERMIT EXPIRES: 04/30/2023		
SAMPLING LOCATION VERIFIED ON: 07/25/2019	RCRA NOTICE: 10/11/2001			
SLUG CONTROL PLAN EVALUATION DATE: 07/25/2019	COMPLIANCE SAMPLING POINT №: 21551.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	3	3	1	3
Number of IU Sampling Days	3	3	4	3
Number of Parameter Violations	0	1	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	1
Compliance Status	C	I	C	I
Evaluated as of:	04/09/2019	07/05/2019	10/08/2019	01/13/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Effluent	05/19/2019	Instantaneous	Federal	IU	pH	3.4 S.U.	Continuous
4 th	Permit Condition	11/30/2019	N/A	N/A	N/A	Failure to sample Cu		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	A	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: FlipChip International, LLC

Process Flow: 42,883 GPD (Average)

General Information and type of wastewater treatment	<p>This facility processes silicon wafers by utilizing photoresist, etching, sputtering, and cleaning operations. Pretreatment consists of ion exchange and pH neutralization.</p>
First Quarter	<p>On 02/15/2019 an NOV was issued for failure to sample for BOD, TSS and Lead during 3rd Quarter 2018 sampling. All requirements of the NOV were met.</p>
Second Quarter	<p>On 05/29/2019 an NOV was issued for a low pH exceedance that occurred on 05/19/2019. The exceedance was reported on 05/19/2019. All requirements of the NOV were met.</p>
Third Quarter	
Fourth Quarter	<p>On 01/14/2020 an NOV was issued for failure to sample for Cu for November 2019. All requirements of the NOV were met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0 Collected \$ 0

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: FM Industries, Inc.

Process Flow: 11,572 (GPD) Average

General Information and type of wastewater treatment	<p>FM Industries, Inc. performs anodizing and nickel seal on aluminum parts.</p> <p>Pretreatment consists of wastestream segregation and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Frontier Group

Process Flow: 272 (GPD) Average

General Information and type of wastewater treatment	<p>Frontier Group performs metal finishing operations for commercial and aerospace applications. Pretreatment consists of wastestream segregation, precipitation, solids dewatering, filtration and pH neutralization.</p>
First Quarter	<p>On 01/14/2019 the City became aware of a violation of the monthly average limit for chromium; the IU exceeded the calculated limit on 11/29/2018. An NOV was issued on 01/18/2019. All requirements for this violation were completed.</p> <p>On 02/11/2019 the IU was notified of 4th Quarter 2018 Significant Non-Compliance for monthly average technical review criteria (TRC) due to the above stated chromium violations</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Global Healing Center

Process Flow: 190 GPD (Average)

General Information and type of wastewater treatment	<p>The facility manufactures liquid and powder types of encapsulated supplements with primarily natural and organic ingredients for health purposes. The manufactured products include magnesium, turmeric, probiotics, vitamin D3, vitamin E and more. Global Healing Center is federally regulated by 40 CFR Part 439.47 (Pharmaceutical Manufacturing) – Subpart D (Mixing/Compounding and Formulation) given that the medicinal chemicals and botanical products compounded onsite (SIC Code 2833) fall under this regulation.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Gregory Packaging, Inc.

Process Flow: 28,910 GPD (Average)

General Information and type of wastewater treatment	<p>The facility is a juice and beverage manufacturer that packages final products for customers (mostly wholesale to schools and grocery stores) which includes a variety of sizes of packaging and ingredients. The primary treatment at the facility is pH adjustment with sodium hydroxide or sulfuric acid prior to mixing and discharge to the compliance sampling point.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Hadrian Inc.

Process Flow: 868 GPD (Average)

General Information and type of wastewater treatment	<p>The IU manufactures and powder coats galvanized metal washroom partitions and lockers. The core metal finishing process includes iron phosphate coating. Phosphating rinses are discharged without pretreatment.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Heligear Acquisition Co. dba Northstar Aerospace - Phoenix		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 401 South 36th Street Phoenix Arizona 85034-2812		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 09/06/2012	
TTO CERTIFICATION DATE SUBMITTED: 01/24/2020	PERMIT EFFECTIVE: 09/01/2019	PERMIT EXPIRES: 09/30/2022		
SAMPLING LOCATION VERIFIED ON: 05/01/2019	RCRA NOTICE: 10/01/2012			
SLUG CONTROL PLAN EVALUATION DATE: 05/01/2019	COMPLIANCE SAMPLING POINT №: 30339.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	2	1	0
Number of City Sampling Days	2	3	0	2
Number of IU Sampling Days	3	10	2	7
Number of Parameter Violations	2	0	2	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	1	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	S	C	I	C
Evaluated as of:	04/18/2019	07/25/2019	10/25/2019	01/24/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Parameter	02/28/2019	Composite	City	City	Nickel (MAV)	3.71/2.38 mg/L	4
1 st	Parameter	02/28/2019	Composite	City	IU	Nickel (MAV)	3.24/2.38 mg/L	4
1 st 3 rd	Reporting Effluent	03/01/2019 08/07/2019	N/A Composite	N/A City	N/A IU	Late SMR Zinc (Daily)	3.68/2.61 mg/L	
3 rd	Effluent	08/31/2019	Composite	City	IU	Zinc (MAV)	3.68/1.48 mg/L	
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A(3), L(2)	N	A	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Heligear Acquisition Co. dba Northstar Aerospace – Phoenix
 Process Flow: 1,022 (GPD) Average

General Information and type of wastewater treatment	<p>This facility performs chemical etching and chrome conversion coating on aluminum, stainless steel, steel, titanium, and other exotic metals. Radiographic film processing is conducted on some parts as a quality control test.</p> <p>Wastewater treatment includes wastestream segregation, gravity settling, electrolytic recovery, recycling, evaporation, and ion exchange.</p>
First Quarter	<p>On 03/25/2019, two NOVs and 30-day resamples were issued for effluent Nickel MAV exceedances occurring per City and Self-Monitoring both dated 02/28/19. The corrective actions required as a result of the NOVs were met.</p> <p>On 03/08/2019, an NOV was issued for a late Self-Monitoring Report which was due on 02/28/2019. The SMR was received 6 days late. All requirements of the NOV were met.</p>
Second Quarter	
Third Quarter	<p>On 08/21/2019, an NOV, 3-day resample and TISM were issued for a daily effluent Zinc exceedance occurring on 08/07/2019. All requirements of the NOV were met.</p>
Fourth Quarter	<p>On 10/10/2019, an NOV and 30-day resample were issued for a monthly average effluent Zinc exceedance calculated on 08/31/19. All requirements of the NOV were met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Heligear Acquisitions Co.- Northstar Aerospace (Phoenix)		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 300 South 23 rd Street Phoenix, Arizona 85034-2500		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 09/06/2012	
TTO CERTIFICATION DATE SUBMITTED: 01/24/2020		PERMIT EFFECTIVE: 10/10/2017	PERMIT EXPIRES: 09/30/2022	
SAMPLING LOCATION VERIFIED ON: 05/01/2019		RCRA NOTICE: 10/01/2012		
SLUG CONTROL PLAN EVALUATION DATE: 05/01/2019		COMPLIANCE SAMPLING POINT No: 30340.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	2	0	0
Number of City Sampling Days	1	1	1	0
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	1	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	05/14/2019	07/16/2019	12/04/2019	02/05/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Reporting	03/01/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Heligear Acquisition Co. – Northstar Aerospace (Phoenix)

Process Flow: 329 GPD (Average)

General Information and type of wastewater treatment	<p>This facility performs alkaline cleaning, acid etching, non-destructive penetrant testing, cadmium and nickel brush plating on aluminum, steel, and titanium aerospace parts. The wastewater treatment includes ion exchange followed by pH neutralization.</p>
First Quarter	<p>On 03/08/2019, an NOV was issued for submitting a late self-monitoring report which was due on 02/28/2019. The SMR was received on 03/06/2019; 6 days late. All requirements of the NOV were met.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Holsum Bakery, Inc.				REPORT PERIOD: 01/01/2019 through 12/31/2019				
SERVICE 2322 West Lincoln Street ADDRESS: Phoenix, Arizona 85009-5827				MAILING ADDRESS: Same				
CATEGORICAL USER? No		40 CFR Local Limits		LIMITS APPENDIX: A		BMR SUBMITTED: 10/01/1995		
TTO CERTIFICATION DATE SUBMITTED: N/A				PERMIT EFFECTIVE: 01/01/2020		PERMIT EXPIRES: 12/31/2024		
SAMPLING LOCATION VERIFIED ON: 07/29/2019				RCRA NOTICE: 08/21/1995				
SLUG CONTROL PLAN EVALUATION DATE: 07/29/2019				COMPLIANCE SAMPLING POINT №: 5313.01				
	1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)	
Number of Inspections	1		2		2		0	
Number of City Sampling Days	3		2		0		3	
Number of IU Sampling Days	3		1		1		1	
Number of Parameter Violations	32		12		2		0	
Number of Inspection Violations	0		0		0		0	
Number of Reporting Violations	0		0		0		0	
Number of Permit Cond. Violations	1		0		0		0	
Compliance Status	I		I		I		C	
Evaluated as of:	08/09/2019		09/11/2019		01/17/2020		02/07/2020	

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Parameter	12/27/18-1/31/19	Continuous	City	IU	pH	Multiple 5.0-10.5 S.U.	Continuous
1 st	Parameter	2/1-2/28	Continuous	City	IU	pH	Multiple 5.0-10.5 S.U.	Continuous
1 st	Permit Condition	3/1/2019	N/A	N/A	N/A	Unlawful Discharge		
1 st	Parameter	3/5/2019	Continuous	City	IU	pH	3.22/5.0 S.U.	Continuous
1 st	Parameter	3/22-3/30	Continuous	City	IU	pH	Multiple 5.0-10.5 S.U.	Continuous
2 nd	Parameter	4/5-4/12	Continuous	City	IU	pH	Multiple 5.0-10.5 S.U.	Continuous
2 nd	Parameter	4/15-4/19	Continuous	City	IU	pH	Multiple 5.0-10.5 S.U.	Continuous
2 nd	Parameter	4/25-4/27	Continuous	City	IU	pH	Multiple 5.0-10.5 S.U.	Continuous
2 nd	Parameter	6/26/2019	Continuous	City	IU	pH	2.4/5.0 S.U.	Continuous
3 rd	Parameter	7/14-7/15	Continuous	City	IU	pH	3.8/5.0 S.U.	Continuous
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A(4)	A(4)	A(2), E, F, I	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Holsum Bakery, Inc.

Process Flow: 37,729 GPD (Average)

General Information and type of wastewater treatment	<p>This facility is an industrial bakery that mixes, bakes, and packages bread and bakery products from raw bulk ingredients. Wastewater treatment includes gravity separation via grease interceptor and pH neutralization. The facility installed an additional pH Neutralization System, Lift Station, and Grease Interceptor for pretreatment of the east half of the facility wastewater in 2018.</p>
First Quarter	<p>On 01/31/2019, 03/06/2019 and 03/15/2019, NOVs were issued for Continuous pH Effluent Violations. pH Excursions that occurred on 12/27/2018 and 12/28/2018 were included on the 01/31/2019 NOV. All requirements of these NOVs have been met.</p> <p>On 03/01/2019, an NOV was issued for Prohibited and Unlawful Discharge. All requirements of the NOV were met.</p> <p>On 03/18/2019, a Notice to Show Cause was issued as a result of multiple Continuous pH violations occurring between December 2018 and April 2019.</p>
Second Quarter	<p>On 04/23/2019 a Show Cause Meeting was held to discuss the pH violations occurring during the enforcement period of December 1, 2018 through April 12, 2019. A Pretreatment Settlement Agreement was reached on 07/15/2019 which included monetary penalties of \$56,148.28 and a compliance schedule. \$56,148.28 in monetary penalties have been collected during 2019 and the compliance schedule is in the process of being met.</p> <p>On 04/05/2019, 04/16/2019, 04/23/2019 and 05/02/2019, NOVs were issued for Continuous pH Effluent Violations. All requirements of these NOVs have been met.</p> <p>On 05/03/2019, three pH Waivers were issued for high pH discharges. No requirements were made as a result of the pH waiver.</p> <p>On 06/07/2019, one pH Waiver was issued for high pH discharge. No requirements were made as a result of the pH waiver.</p>
Third Quarter	<p>On 07/25/2019, two NOVs were issued for Continuous pH Effluent Violations. All requirements of these NOVs have been met.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 56,148.28 Collected \$ 56,148.28

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International Inc.
Former Peoria Avenue Facility/EW-1

Process Flow: 36,140 GPD (Average)

General Information and type of wastewater treatment	This is a groundwater extraction site with no pretreatment or manufacturing processes.
First Quarter	On 01/18/2019, a Notice of Concern (NOC) was issued for exceedances of the reporting concentration for 1,1-Dichloroethylene on 12/18/2018, 12/19/2018, 12/20/2018 and 12/21/2018. There were no requirements made of the IU.
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International Inc.
Former Peoria Avenue Facility/MW-10

Process Flow: 18,896 GPD (Average)

General Information and type of wastewater treatment	This is a groundwater extraction site with no pretreatment or manufacturing processes.
First Quarter	
Second Quarter	On 04/10/2019 a Notice of Concern was issued for exceeded the reporting concentration for the parameter 1, 1-Dichloroethylene three times in March (03/27/2019 ,03/28/2019, 03/29/2019).
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International Inc.
Honeywell Aerospace - Deer Valley

Process Flow: 0 (GPD) Average

General Information and type of wastewater treatment	<p>This facility assembles flight instruments, tests, evaluates, and designs components and assemblies. Process operations which result in wastewater discharge to sewer include semiconductor fabrication and glass wafer dicing. Pretreatment is limited to pH neutralization. Discharges from the metal finishing operations including Machine Shop EDM area, the torrid room, circuit board washing, and testing operations for Fuel Quantity Indication System (FQIS) capacitance indicators result in zero discharge and are specifically prohibited from discharge in the permit.</p>
First Quarter	<p>Honeywell was reclassified from an SIU to an IU based on process changes resulting in zero discharge to the Sewer. Class B Zero Categorical Wastewater Discharge Permit No. 1902-1570 was issued on 01/18/2019 with an effective date of 02/01/2019. Honeywell ceased discharge of process wastewater in August 2018.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International, Inc. Honeywell Aerospace – Phoenix R & O
Process Flow: 24,890 (GPD) Average

General Information and type of wastewater treatment	This facility repairs and overhauls turbine engines using steam cleaning, caustic and acid cleaning, chromate conversion coating and associated operations. The wastewater treatment consists of stream segregation, chemical reduction, precipitation, flocculation sedimentation and pH neutralization.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Honeywell International, Inc.- Honeywell Engines Product Center		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 111 South 34th Street Phoenix, Arizona 85034-2802		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 11/02/1983	
TTO CERTIFICATION DATE SUBMITTED: 01/28/2020	PERMIT EFFECTIVE: 07/01/2017	PERMIT EXPIRES: 06/30/2022		
SAMPLING LOCATION VERIFIED ON: 11/06/2019	RCRA NOTICE: 02/27/1990			
SLUG CONTROL PLAN EVALUATION DATE: 11/06/2019	COMPLIANCE SAMPLING POINT №: 1510.06, (1510.09 - CN Point)			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	0	1
Number of City Sampling Days	3	5	3	3
Number of IU Sampling Days	31	37	38	24
Number of Parameter Violations	3	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	08/12/2019	08/12/2019	01/07/2020	02/05/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Parameter	01/22/2019	Grab	Federal	IU	Cyanide (D)	3.95/1.20 mg/L	33
1 st	Parameter	01/23/2019	Grab	Federal	IU	Cyanide (D)	3.90/1.20 mg/L	33
1 st	Parameter	01/31/2019	Grab	Federal	IU	Cyanide(MAV)	0.884/0.65 mg/L	33
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A(2), L	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International, Inc.- Honeywell Engines Product Center

Process Flow: 40,623 (GPD) Average

General Information and type of wastewater treatment	<p>Manufacturer of turbine engines that performs caustic and acid cleaning, electrolytic and electroless plating, which includes the use of Cadmium, Copper, Nickel, and Chromium plating and anodizing.</p> <p>The wastewater treatment consists of stream segregation, chemical oxidation, chemical reduction, hydroxide precipitation, pH neutralization, physical separation and sedimentation.</p>
First Quarter	<p>On 02/28/2019, an NOV was issued for Cyanide Effluent Limit violations. Two daily effluent violations occurring on 01/22/2019 and 01/23/2019, and a monthly average violation for the month of January 2019.</p>
Second Quarter	
Third Quarter	<p>On 08/02/2019, an NOC was issued for Cyanide Sample – High Residual Chlorination Lab Issues. The Cyanide samples that were collected by the facility on 06/11/2019 and 06/12/2019 were unable to be properly dechlorinated and analyzed by the lab. Therefore, the facility was unable to submit the sample results for the week of 06/09/2019.</p> <p>On 08/19/2019, a pH Waiver was issued for a high excursion that took place on 08/12/2019. The discharge was out of compliance for 18-minutes during which time, the highest pH value recorded was 10.97 S.U.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: HonorHealth Deer Valley Medical Center				REPORT PERIOD: 01/01/2019 through 12/31/2019				
SERVICE ADDRESS: 19829 North 27th Avenue Phoenix Arizona 85027-4001				MAILING ADDRESS: Same				
CATEGORICAL USER? No		40 CFR Local Limits		LIMITS APPENDIX: A		BMR SUBMITTED: 12/28/1990		
TTO CERTIFICATION DATE SUBMITTED: N/A				PERMIT EFFECTIVE: 07/01/2017		PERMIT EXPIRES: 06/30/2022		
SAMPLING LOCATION VERIFIED ON: 08/14/2019				RCRA NOTICE: 12/28/1990				
SLUG CONTROL PLAN EVALUATION DATE: 08/14/2019				COMPLIANCE SAMPLING POINT No: 5374.01, 5374.02, 5374.03				
	1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)	
Number of Inspections	0		0		1		0	
Number of City Sampling Days	4		0		0		4	
Number of IU Sampling Days	1		1		1		1	
Number of Parameter Violations	0		0		2		0	
Number of Inspection Violations	0		0		0		0	
Number of Reporting Violations	0		0		1		0	
Number of Permit Cond. Violations	0		0		0		0	
Compliance Status	C		C		I		C	
Evaluated as of:	04/26/2019		07/25/2019		10/25/2019		01/27/2020	

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3 rd	Effluent	07/16/2019	Composite	City	IU	Cu	1.9/1.5 mg/L	1
3 rd	Effluent	07/16/2019	Composite	City	IU	Zn	5.2/3.5 mg/L	1
3 rd	Reporting	07/31/2019	N/A	N/A	N/A	24-Hour Notification		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A(2), L	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: HonorHealth Deer Valley Medical Center
 Process Flow: 92,041 (GPD) Average

General Information and type of wastewater treatment	<p>John C. Lincoln Hospital – Deer Valley is a 203-bed, not-for-profit, full service hospital. Services include an emergency department, cardiac care, inpatient and outpatient surgery, oncology, an orthopedic unit, medical imaging and pediatrics.</p> <p>The wastewater treatment consists of wastestream segregation and physical separation. A three compartment Grease Interceptor pre-treats the discharge from the kitchen.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 08/14/2019 an NOV and TISM were issued for exceedances in Copper and Zinc during a self-monitoring sampling event collected 07/16/2019. The exceedances were reported to the IU on 07/30/2019. All requirements of the NOV were met.</p> <p>On 08/14/2019 an NOV for Late Reporting – 24-Hour Notification was issued. The IU was made aware of the Copper and Zinc violations on 07/30/2019 and should have been reported to the City by 07/31/2019, but the excursions were not reported until August 1, 2019, 1 day late. All requirements of the NOV were met.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: HonorHealth John C. Lincoln Hospital North Mountain

Process Flow: 69,113 GPD (Average)

General Information and type of wastewater treatment	<p>HonorHealth John C. Lincoln Hospital North Mountain is a 262-bed, acute care hospital. It is the first hospital in the Phoenix area to be designated a Magnet Hospital. Services include an Emergency and Level I Trauma Center, critical care, inpatient and outpatient surgery, oncology, an orthopedic unit, diagnostic imaging and outpatient therapy.</p> <p>The wastewater peretreatment consists of wastestream segregation and physical separation. A 3-compartment grease interceptor pretreats wastewater from the kitchen.</p>
First Quarter	<p>.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Hydro Extrusions, LLC. - Plant 2 Extrusion Operations		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 50 South 49 th Avenue Phoenix Arizona 85043-3825		MAILING ADDRESS: 249 South 51st Avenue Phoenix Arizona 85043-3715		
CATEGORICAL USER? Yes	40 CFR 467.35	LIMITS APPENDIX: I	BMR SUBMITTED: 02/28/2003	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 03/05/2018		PERMIT EXPIRES: 12/31/2022	
SAMPLING LOCATION VERIFIED ON: 10/10/2019		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 10/10/2019		COMPLIANCE SAMPLING POINT No: 21489.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	0	1
Number of City Sampling Days	3	0	3	0
Number of IU Sampling Days	4	3	3	3
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	1	2	0	0
Number of Permit Cond. Violations	0	0	0	1
Compliance Status	I	I	C	I
Evaluated as of:	08/08/2019	08/08/2019	02/10/2020	02/10/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Reporting	03/29/2019	N/A	N/A	N/A	Late SMR		
2 nd	Reporting	04/29/2019	N/A	N/A	N/A	Late SMR		
2 nd	Reporting	06/29/2019	N/A	N/A	N/A	Late SMR		
4 th	Reporting	11/20/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	A (1)	A (2)	A (1)		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Hydro Extrusion North America, LLC. – Plant 2 Extrusion Operation

Process Flow: 614 GPD (Average)

General Information and type of wastewater treatment	<p>Hydro Extrusion North America, LLC - Plant 2 Extrusion Operation manufactures aluminum parts and tubing via extrusion press forming. Pretreatment consists of wastestream segregation, gravity separation of oil and grease, filtration, and pH adjustment, a compliance sampling point as well as an evaporator. The facility samples for Oil and Grease in lieu of Total Toxic Organics.</p>
First Quarter	
Second Quarter	<p>On 3/29/2019 The City became aware that Hydro Extrusion did not submit the February SMR by 3/28/2019. A Late Reporting NOV was issued on 06/05/2019, all requirements of the NOV were met.</p>
Third Quarter	<p>On 07/03/2019 an NOV was issued to the IU for late SMR submittal. The March 2019 SMR was due by 04/28/2019 but was received on 05/28/2019, 30 days late. All requirements of the NOV were met.</p> <p>On 08/13/2019 an NOV was issued to the IU for late SMR submittal. The May 2019 SMR was due by 06/28/2019 but was received on 07/19/2019, 21 days late. All requirements of the NOV were met.</p>
Fourth Quarter	<p>On 10/28/2019 a Show Cause Notice was issued to Hydro Extrusion North America, LLC – Plant 1 Remelt Operation (Hydro Extrusion) for submitting three reports a total of 29, 30, and 21 days late during the period of March 1, 2019 and September 1, 2019. The Show Cause hearing took place on 12/3/2019. A Pretreatment Settlement Agreement will be reached in the 1st Quarter of 2020 which will include monetary penalties of \$6,396 and a compliance schedule. The penalties will be collected in the 1st Quarter of 2020 and requirements of the compliance schedule are in the process of being met.</p> <p>On 12/05/2019 an NOV was issued to the IU for late SMR submittal. The October 2019 SMR was due by 11/28/2019 but was received on 11/30/2019, 2 days late. All requirements of the NOV were met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Hydro Extrusion North America, LLC – Plant 1 Remelt Operation		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 249 South 51st Avenue Phoenix Arizona 85043-3715		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 467.35	LIMITS APPENDIX: G	BMR SUBMITTED: 02/28/2003	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 03/05/2018	PERMIT EXPIRES: 12/31/2022	
SAMPLING LOCATION VERIFIED ON: 10/10/2019		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 10/10/2019		COMPLIANCE SAMPLING POINT No: 21490.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	0	1
Number of City Sampling Days	3	0	3	0
Number of IU Sampling Days	4	3	3	3
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	1	2	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	I	C	I
Evaluated as of:	08/07/2019	08/07/2019	12/11/2019	02/05/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Reporting	03/29/2019	N/A	N/A	N/A	Late SMR		
2 nd	Reporting	04/29/2019	N/A	N/A	N/A	Late SMR		
2 nd	Reporting	06/29/2019	N/A	N/A	N/A	Late SMR		
4 th	Reporting	11/29/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	A (1)	A (2)	A (1)		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Hydro Extrusion North America, LLC – Plant 1 Remelt Operation
 Process Flow: 8,176 (GPD) Average

General Information and type of wastewater treatment	<p>Hydro Extrusion North America, LLC – Plant 1 Remelt Operation is a foundry/cast house that performs direct chill casting and homogenizing of aluminum billets. The pretreatment consists of emulsion breaking, gravity separation of oil and grease, and filtration. The facility samples for Oil and Grease in lieu of Total Toxic Organics.</p>
First Quarter	
Second Quarter	<p>On 06/05/2019, an NOV was issued for submitting a late self-monitoring report which was due on 03/28/2019. The SMR was received on 04/26/2019, 29 days late. All requirements of the NOV were met.</p>
Third Quarter	<p>On 07/03/2019 an NOV was issued to the IU for late SMR submittal. The March 2019 SMR was due by 04/28/2019 but was received on 05/28/2019, 30 days late. All requirements of the NOV were met.</p> <p>On 08/13/2019 an NOV was issued to the IU for late SMR submittal. The May 2019 SMR was due by 06/28/2019 but was received on 07/19/2019, 21 days late. All requirements of the NOV were met.</p>
Fourth Quarter	<p>On 10/28/2019 a Show Cause Notice was issued to Hydro Extrusion North America, LLC – Plant 1 Remelt Operation (Hydro Extrusion) for submitting three reports a total of 29, 30, and 21 days late during the period of March 1, 2019 and September 1, 2019. The Show Cause hearing took place on 12/03/2019. A Pretreatment Settlement Agreement will be reached in the 1st Quarter of 2020 which will include monetary penalties of \$6,396 and a compliance schedule. The penalties will be collected in the 1st Quarter of 2020 and requirements of the compliance schedule are in the process of being met.</p> <p>On 12/05/2019 an NOV was issued to the IU for late SMR submittal. The October 2019 SMR was due by 11/28/2019 but was received on 11/30/2019, 2 days late. All requirements of the NOV were met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No
 Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Hydro Extrusion North America, LLC - Plant 1 Extrusion Operation		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 249 South 51st Avenue Phoenix Arizona 85043-3715		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 467.35	LIMITS APPENDIX: H	BMR SUBMITTED: 02/28/2003	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 03/05/2018		PERMIT EXPIRES: 12/31/2022	
SAMPLING LOCATION VERIFIED ON: 10/10/2019		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 10/10/2019		COMPLIANCE SAMPLING POINT No: 21491.02		
	1st Quarter (Mar 1 – Mar 30)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	0	1
Number of City Sampling Days	3	0	3	0
Number of IU Sampling Days	4	3	3	3
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	1	3	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	I	C	I
Evaluated as of:	08/08/2019	08/08/2019	12/13/2019	02/10/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Reporting	03/29/2019	N/A	N/A	N/A	Late SMR		
2 nd	Reporting	04/29/2019	N/A	N/A	N/A	Late SMR		
2 nd	Reporting	05/29/2019	N/A	N/A	N/A	Late SMR		
2 nd	Reporting	06/29/2019	N/A	N/A	N/A	Late SMR		
4 th	Reporting	11/29/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	A	A (3)	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Hydro Extrusion North America, LLC - Plant 1 Extrusion Operation
 Process Flow: 2,235 (GPD) Average

General Information and type of wastewater treatment	<p>Hydro Extrusion North America, LLC - Plant 1 Extrusion Operation, manufactures parts and tubing via an aluminum ingot extrusion forming press. The facility samples for Oil and Grease in lieu of Total Toxic Organics.</p> <p>Pretreatment consists of gravity separation of oil and grease, filtration, and pH adjustment.</p>
First Quarter	
Second Quarter	<p>On 06/05/2019, an NOV was issued for submitting a late self-monitoring report which was due on 03/28/2019. The SMR was received on 04/26/2019, 29 days late. All requirements of the NOV were met.</p>
Third Quarter	<p>On 07/03/2019 an NOV was issued to the IU for late SMR submittal. The March 2019 SMR was due by 04/28/2019 but was received on 05/28/2019, 30 days late. All requirements of the NOV were met.</p> <p>On 07/03/2019 an NOV was issued to the IU for Late SMR submittal. An extension was requested to submit the April SMR by 5/30/2019, but it was received on 06/28/2019, 28 days late. All requirements of the NOV were met.</p> <p>On 08/13/2019 an NOV was issued to the IU for late SMR submittal. The May 2019 SMR was due by 06/28/2019 but was received on 07/19/2019, 21 days late. All requirements of the NOV were met.</p>
Fourth Quarter	<p>On 10/28/2019 a Show Cause Notice was issued to Hydro Extrusion North America, LLC – Plant 1 Remelt Operation (Hydro Extrusion) for submitting three reports a total of 29, 30, and 21 days late during the period of March 1, 2019 and September 1, 2019. The Show Cause hearing took place on 12/3/2019. A Pretreatment Settlement Agreement will be reached in the 1st Quarter of 2020 which will include monetary penalties of \$6,396 and a compliance schedule. The penalties will be collected in the 1st Quarter of 2020 and requirements of the compliance schedule are in the process of being met.</p> <p>On 12/05/2019 an NOV was issued to the IU for late SMR submittal. The October 2019 SMR was due by 11/28/2019 but was received on 11/30/2019, 2 days late. All requirements of the NOV were met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: IASIS Healthcare - St. Luke's Medical Center				REPORT PERIOD: 01/01/2019 through 12/31/2019			
SERVICE ADDRESS: 1800 East Van Buren Street Phoenix, Arizona 85006-3742				MAILING ADDRESS: Same			
CATEGORICAL USER?	No	40 CFR	Local Limits	LIMITS APPENDIX:	A	BMR SUBMITTED: N/A	
TTO CERTIFICATION DATE SUBMITTED: N/A				PERMIT EFFECTIVE: 07/13/2015		PERMIT EXPIRES: 06/30/2020	
SAMPLING LOCATION VERIFIED ON: 12/19/2019				RCRA NOTICE: 12/28/1990			
SLUG CONTROL PLAN EVALUATION DATE: 12/19/2019				COMPLIANCE SAMPLING POINT №: 2720.03			
	1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0		1		0		1
Number of City Sampling Days	4		0		0		0
Number of IU Sampling Days	1		1		1		1
Number of Parameter Violations	0		0		0		0
Number of Inspection Violations	0		0		0		0
Number of Reporting Violations	0		1		0		0
Number of Permit Cond. Violations	0		0		0		0
Compliance Status	C		I		C		C
Evaluated as of:	08/09/2019		09/11/2019		01/17/2020		02/07/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Reporting	06/29/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: IASIS Healthcare - St. Luke's Medical Center

Process Flow: 36,450 (GPD) Average

General Information and type of wastewater treatment	<p>St Luke's Medical Center is a 219-bed tertiary medical center and specializes in heart care, orthopedics, surgical weight loss, emergency services, cardiopulmonary services, physical rehabilitation, and wound care. The wastewater pretreatment consists of physical separation of food grease for the kitchen.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 07/24/2019, an NOV was issued for submitting a late self-monitoring report, which was due on 06/28/2019. The SMR was received on 07/22/2019, 24 days late. All requirements of the NOV were met.</p>
Fourth Quarter	<p>In a meeting held on 11/12/2019, the IU discussed the upcoming closure of the facility. Class A Wastewater Discharge Permit No 1507-2720 was terminated effective 12/31/2019 because the facility ceased to be classified as a Significant Industrial User on 11/24/2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Liquid Environmental Solutions of Arizona LLC –
Magnolia Street

Process Flow: 41,653 GPD (Average)

General Information and type of wastewater treatment	<p>This facility (LES Magnolia) collects and processes hauled animal or vegetable grease-laden wastewater from grease interceptors (new Tricanter centrifuge w/centrate), waste water from tallow bin cleaning, and contaminated stormwater collected from the permitted facility. LES Magnolia also collects used cooking oil for recycling and resale.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Liquid Environmental Solutions of Arizona LLC			REPORT PERIOD: 01/01/2019 through 12/31/2019	
SERVICE ADDRESS: 5159 West Van Buren Street Phoenix Arizona 85043-3270		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 437.47	LIMITS APPENDIX: Q	BMR SUBMITTED: 11/01/2003	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 12/1/2019	PERMIT EXPIRES: 08/31/2022	
SAMPLING LOCATION VERIFIED ON: 04/11/2019	RCRA NOTICE: 06/06/1996			
SLUG CONTROL PLAN EVALUATION DATE: 04/11/2019	COMPLIANCE SAMPLING POINT No: 21741.03, 21741.06, 21741.07			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	1
Number of City Sampling Days	2	2	4	1
Number of IU Sampling Days	14	16	20	15
Number of Parameter Violations	0	4	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	05/14/2019	07/16/2019	12/04/2019	01/23/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Effluent	05/23/2019	Composite	Federal	City	Copper	1.62/0.500 mg/L	8
2 nd	Effluent	05/23/2019	Composite	City	City	Mercury	0.00281/0.0023 mg/L	9
2 nd	Effluent	05/23/2019	Composite	City	City	Mercury	0.00440/0.0023 mg/L	6
2 nd	Effluent	05/31/2019	Composite	Federal	City	Copper (MAV)	0.736/0.242 mg/L	4
4 th	Effluent	11/01/2019	Composite	City	IU	Mercury	0.0036/0.0023 mg/L	3
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	A(3), K	N	E, F, I		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N - No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Liquid Environmental Solutions of Arizona LLC
 Process Flow: 60,093 (GPD) Average

General Information and type of wastewater treatment	<p>Liquid Environmental Solutions of Arizona LLC is a Centralized Waste Treatment facility receiving and treating non-hazardous liquid waste. Treatment includes wastestream segregation, physical separation, emulsion breaking, dissolved air flotation, chemical precipitation, pH adjustment, biologically active aerated treatment, and a lamella clarifier. The pretreatment system is separated into the following categories: Metal bearing wastes, organic wastes, oily wastes, non-categorical and domestic wastes.</p>
First Quarter	<p>On 03/15/2019 an NOV was issued for exceeding the calculated monthly average limit for Copper during December 2018. All requirements of the NOV were met.</p>
Second Quarter	<p>On 06/27/2019 an NOV and TISM were issued for exceeding the daily maximum and calculated monthly average limit for Copper due to an effluent violation that occurred on 05/23/2019 during City sampling. All requirements of the NOV were met.</p> <p>On 06/25/2019 two separate NOVs and TISMs were issued for exceeding the daily maximum limit for Mercury due to effluent violations that occurred on 05/23/2019 during City sampling at two separate Compliance Sampling Points. All requirements of the NOVs were met.</p>
Third Quarter	<p>On 07/01/2019 a Notice to Show Cause was issued as a result of seven parameter violations occurring in 2018 and 2019; several occurred within a 90-day period. On 08/14/2019 a Show Cause Meeting was held to discuss violations occurring during the enforcement period 06/01/2018 through 06/01/2019. A Pretreatment Settlement Agreement was reached which included monetary penalties of \$52,447.85 and a compliance schedule. The full monetary penalties have been collected during 2019 and the requirements of the compliance schedule are in the process of being met.</p>
Fourth Quarter	<p>A Pretreatment Settlement Agreement was reached on 10/21/2019 which included monetary penalties of \$52,447.85 and a compliance schedule. The full monetary penalties have been collected during 2019 and the requirements of the compliance schedule are in the process of being met.</p> <p>On 01/14/2020 an NOV, 30-day Resample, and TISM were issued for exceeding the daily maximum limit for Mercury. The violation was reported by Liquid Environmental Solutions of Arizona, LLC. on 11/25/2019, and the analytical results were received by the City of Phoenix on 12/24/2019. The IU is in the process of meeting the requirements.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 52,447.85 Collected 52,447.85

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Maricopa Integrated Health System

Process Flow: 130,948 GPD (Average)

General Information and type of wastewater treatment	<p>This is a large, full service hospital and medical complex. Wastewater treatment is a three stage interceptor after the cafeteria and physical separation.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Marlyn Nutraceuticals Inc. - Naturally Vitamins, Inc.

Process Flow: 2,571 (GPD) Average

General Information and type of wastewater treatment	<p>This Facility mixes and packages vitamins and supplements.</p> <p>No wastewater treatment is performed prior to discharge.</p>
First Quarter	<p>On 01/25/2019 the City became aware of pH grab sample exceedance during self-monitoring on 12/13/2018. An NOV, 30 day resample and TISM were issued on 02/01/2019. The IU met all requirements of the NOV.</p> <p>An NOV was issued on 02/01/2019 for late reporting of the above pH violation. The excursion should have been reported by 12/14/2018; the exceedance was not reported until 01/25/2019, 42 days late. The IU met all requirements of the NOV.</p> <p>The IU is Significantly Non-Compliant (SNC) for the 1st Quarter of 2019 for submitting a report 30 days or more past the due date.</p>
Second Quarter	<p>On 05/17/2019 a Notice to Show Cause was issued as a result of SNC status for late reporting associated with a pH violation. On 06/26/2019 a Show Cause Meeting was held to discuss violations occurring during the enforcement period 12/1/2018 through 03/30/2019.</p>
Third Quarter	<p>A Pretreatment Settlement Agreement was reached in the 3rd quarter of 2019 which included monetary penalties of \$2,187 and a compliance schedule. The full amount of monetary penalties has been collected during 2019 and the requirements of the compliance schedule are in the process of being met.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? X Yes No

Penalties this reporting Year: Assessed \$ 2,187.00 Collected \$ 2,187.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mastel Linen, Inc.
 Process Flow: 83,808 (GPD) Average

General Information and type of wastewater treatment	<p>Mastel Linen, Inc. is an industrial laundry facility that launders linens from various high end resorts and doctors' offices. All of the washer units are plumbed to drain to a trench drain leading to a pH neutralization process, lint shaker, and then to the compliance sample point. Lint screens are placed within the trench drain to prevent excess lint from entering the pretreatment system. Dry cleaning equipment was added during 2016 with discharges specifically prohibited in the amended permit.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mayo Clinic Arizona- Mayo Clinic Hospital

Process Flow: 99,652 (GPD) Average

General Information and type of wastewater treatment

This is a large full service hospital. Wastewater treatment consists of physical separation and stream segregation. Acids that are used in the laboratory are pH neutralized prior to discharge.

First Quarter

Second Quarter

Third Quarter

Fourth Quarter

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Mega Metals, LLC.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 1323 North 22nd Avenue Phoenix Arizona 85009-3714		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 421.306	LIMITS APPENDIX: R	BMR SUBMITTED: 11/30/2012	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 09/01/2018	PERMIT EXPIRES: 08/31/2023	
SAMPLING LOCATION VERIFIED ON: 05/01/2019		RCRA NOTICE: 03/20/2012		
SLUG CONTROL PLAN EVALUATION DATE: 05/01/2019		COMPLIANCE SAMPLING POINT No: 27341.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	3	0	2	0
Number of IU Sampling Days	4	3	3	3
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	1	0
Compliance Status	C	C	I	C
Evaluated as of:	05/14/2019	07/16/2019	11/14/2019	02/08/2019

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3 rd	Permit Condition	08/31/2019	N/A	N/A	N/A	Failure to Sample pH		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mega Metals LLC.

Process Flow: 13,351 (GPD) Average

General Information and type of wastewater treatment	<p>The facility performs crushes and washes titanium turnings for recycle. Pretreatment consists of wastestream segregation, gravity separation of oils, equalization, clay polymer adsorption and clarification, fabric filtration, pH neutralization, and canister filtration.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 10/09/2019, an NOV was issued for IU failure to correctly sample for pH during the last week of August 2019. All requirements of the NOV were met.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Metco Metal Finishing, LLC.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 3508 East Corona Avenue Phoenix Arizona 85040-2842		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 06/17/2015	
TTO CERTIFICATION DATE SUBMITTED: 01/21/2020	PERMIT EFFECTIVE: 06/01/2017	PERMIT EXPIRES: 06/30/2020		
SAMPLING LOCATION VERIFIED ON: 02/19/2019	RCRA NOTICE: 06/28/2015			
SLUG CONTROL PLAN EVALUATION DATE: 02/19/2019	COMPLIANCE SAMPLING POINT No: 32746.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	0	5	0	3
Number of IU Sampling Days	4	3	4	5
Number of Parameter Violations	0	0	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	05/14/2019	07/23/2019	11/13/2019	02/05/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
4 th	Parameter	10/30/2019	Composite	Federal	City	Nickel (MAV)	2.39/2.15 mg/L	6
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	K, N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Metco Metal Finishing, LLC.
 Process Flow: 7,558 (GPD) Average

General Information and type of wastewater treatment	The facility performs caustic cleaning, aluminum anodizing, chromate conversion coating, electroless nickel plating and electroplating of copper, tin, and zinc. Pretreatment consists of stream segregation, metals precipitation, filtration and pH neutralization.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	On November 26, 2019 an NOV was issued for exceeding the maximum allowable concentration for Nickel for the month of October 2019. All requirements of the NOV were met.

To be published for this year in newspaper for Significant Non-Compliance? Yes No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Milum Textile Services		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 333 North 7th Avenue Phoenix, Arizona 85007-2533		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 02/28/1990	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 05/01/2019	PERMIT EXPIRES: 05/31/2023	
SAMPLING LOCATION VERIFIED ON: 01/16/2019		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 01/16/2019		COMPLIANCE SAMPLING POINT No: 1770.04		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	3	2	2	1
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	1	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	4	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	I	C	C
Evaluated as of:	04/05/2019	07/22/2019	02/05/2020	02/05/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Effluent	05/28/2019	Grab	City	City	pH	2.8/5.0 S.U.	13
2 nd	Reporting	06/16/2019 06/17/2019 06/18/2019 06/19/2019	N/A	N/A	N/A	Late TISM results		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	A, L	A	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Milum Textile Services
 Process Flow: 27,644 (GPD) Average

General Information and type of wastewater treatment	<p>Milum Textile Services is an industrial laundry that supplies clean linens, towels, and floor mats to hospitals, restaurants and the hospitality industry.</p> <p>The wastewater treatment consists of pH neutralization, lint filtration, and physical separation.</p>
First Quarter	
Second Quarter	<p>On 05/28/2019 a Field NOV was issued for a low pH reading during City monitoring. An associated TISM was issued on 05/31/2019. All requirements were met.</p>
Third Quarter	<p>On 07/05/2019, an NOV was issued for the late reporting of four TISM results which were due 06/15, 16, 17, 18/2019 respectively. The TISMs were received on 07/01/2019; making them 16, 15, 14, and 13 days late respectively. All requirements of the NOV were met.</p> <p>Data for the September 2020 was lost and an SMR was not submitted.</p>
Fourth Quarter	<p>On 11/30/2019 Milum's Permit 1905-1770 was terminated. All accounts were sold to AlSCO, chemicals and equipment returned or sold off, and the property was in escrow as of 11/19/2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No
 Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mission Linen Supply, Inc.

Process Flow: 187,807 (GPD) Average

General Information and type of wastewater treatment	<p>The facility is a commercial laundry. The facility launders uniforms, linens and various textiles.</p> <p>Wastewater pretreatment consists of hydroxide precipitation, filtration, oil floatation, and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mistras Inspection Services, Inc.

Process Flow: 8,259 (GPD) Average

General Information and type of wastewater treatment	<p>This facility conducts chromate conversion coating, chromic and nitric acid passivation, anodizing, chemical etching, dye penetrant testing, masking, and X-ray testing. Pretreatment consists of stream segregation, hydroxide precipitation, sedimentation, filtration, and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Modern Industries, Inc.

Process Flow: 13,447 GPD (Average)

General Information and type of wastewater treatment	<p>Modern Industries performs electropolishing and cleaning of stainless steel parts for the semiconductor industry and anodization, aluminum oxide conversion coating, and electro polish of aluminum aerospace parts. Pretreatment consists of precipitation, settling, dewatering, filtration and pH adjustment.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: MPP Group of Companies

Process Flow: 33,701 (GPD) Average

General Information and type of wastewater treatment	<p>The facility performs anodizing, dyeing, and nickel seal on aluminum parts. The wastewater treatment consists of pH neutralization, collection tanks, clarifier, filter press and an interceptor.</p>
First Quarter	<p>On 12/27/2018 the City became aware of a Reporting violation. Sampling data for the May 2018 Self-Monitoring Report, due on 06/28/2018, was not received by the City until 01/02/2019, 188 days late. A NOV was issued 01/04/2019. All requirements of the NOV were met.</p> <p>On 01/04/2019 the City issued a notice of Significant Noncompliance for the 2nd Quarter of 2018 due to late reporting, 30 days or more late.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Nestle Waters North America, Inc.

Process Flow: 20,680 GPD (Average)

General Information and type of wastewater treatment	<p>Nestle Waters North America, Inc. (Nestle) is one of the largest non-alcoholic beverage companies in the U.S. with products including spring, purified, sparkling, and mineral waters. Bottled water manufactured at the 43rd Avenue facility includes 3 and 5-gallon water containers for commercial distribution using municipal or spring water. Process wastewater is mixed and neutralized prior to discharge; the facility also has a water reuse system.</p>
First Quarter	<p>Class A Wastewater Discharge Permit No. 1803-33842 terminated March 19, 2019 after operations ceased on March 8, 2019 and a termination inspection was conducted on March 12, 2019.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Niagara Bottling, LLC

Process Flow: 167,796 GPD (Average)

General Information and type of wastewater treatment	<p>This facility manufactures bottled drinking water using microfiltration, granulated activated carbon, reverse osmosis and mineral addition. Wastewater treatment consists of pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: NXP USA, Inc. - 52nd ST Superfund Site - OU 1

Process Flow: 292,343 (GPD) Average

General Information and type of wastewater treatment	<p>NXP USA, Inc. - 52nd Street Superfund Site Operable Unit 1 (OU-1) is a groundwater remediation site. The groundwater is treated by two volatile organic compound air strippers, then run through four liquid phase granular activated carbon (GAC) filters before being discharged. This facility completed construction of a new discharge pipeline to the SRP Old Cross Cut Canal in 2016. This pipeline is used as the primary discharge option for the treated water from the integrated groundwater treatment plant. During the times that SRP will not allow discharge to the canal, the facility will discharge the treated groundwater to the City of Phoenix Sewer system.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Southwest Orthopedic and Spine Hospital, LLC. – OASIS Hospital		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 750 North 40 th Street Phoenix, Arizona 85008-6486		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 10/05/2016	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 07/01/2019	PERMIT EXPIRES: 06/30/2024	
SAMPLING LOCATION VERIFIED ON: 12/11/2019		RCRA NOTICE: 07/01/2019		
SLUG CONTROL PLAN EVALUATION DATE: 12/11/2019		COMPLIANCE SAMPLING POINT No: 29573.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	N/A	N/A	0	1
Number of City Sampling Days	N/A	N/A	0	4
Number of IU Sampling Days	N/A	N/A	1	1
Number of Parameter Violations	N/A	N/A	0	0
Number of Inspection Violations	N/A	N/A	0	0
Number of Reporting Violations	N/A	N/A	1	0
Number of Permit Cond. Violations	N/A	N/A	0	0
Compliance Status	N/A	N/A	I	C
Evaluated as of:	N/A	N/A	01/17/2020	02/07/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3 rd	Reporting	08/29/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N/A	N/A	A	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Southwest Orthopedic and Spine Hospital, LLC. – OASIS Hospital
 Process Flow: 19,484 GPD (Average)

General Information and type of wastewater treatment	Southwest Orthopedic and Spine Hospital, LLC. – OASIS Hospital is a surgical hospital that offers specialized services, including orthopedic procedures, total joint replacement, and sports medicine. Pretreatment consists of a 3000 Gallon Grease Interceptor.
First Quarter	
Second Quarter	
Third Quarter	<p>Southwest Orthopedic and Spine Hospital, LLC. – OASIS Hospital Class A Wastewater Discharge Permit № 1907-29573 went into effect on 07/01/2019.</p> <p>On 7/23/2019, a Notice of Concern was issued for Permit Conditions – Failure to Sample pH. Considering the Permit became effective at the start of July, the task of adding power to the vault, and scheduling with environmental consultants, the City of Phoenix issued a Notice of Concern in lieu of a Notice of Violation. There were no requirements associated with the Notice of Concern.</p> <p>On 9/5/2019, an NOV was issued for Late Reporting – Self-Monitoring Report. The SMR was due on 8/28/2019 and was received on 8/30/2019, two days late. All requirements for the NOV were met.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: PAS Technologies, Incorporated		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 1021 North 22 nd Avenue Phoenix, Arizona 85009-3717		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 05/05/2006	
TTO CERTIFICATION DATE SUBMITTED: 01/26/2020		PERMIT EFFECTIVE: 05/06/2017	PERMIT EXPIRES: 04/30/2022	
SAMPLING LOCATION VERIFIED ON: 04/24/2019		RCRA NOTICE: 05/24/2006		
SLUG CONTROL PLAN EVALUATION DATE: 04/24/2019		COMPLIANCE SAMPLING POINT No: 23571.02		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	1	0	0
Number of City Sampling Days	3	0	3	3
Number of IU Sampling Days	3	2	3	3
Number of Parameter Violations	0	0	1	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	I	C
Evaluated as of:	05/14/2019	07/16/2019	11/14/2019	02/05/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3 rd	Parameter	09/03/2019	Grab	City	City	pH	10.9/10.5 S.U.	22
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A(1)	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: PAS Technologies, Incorporated
 Process Flow: 22,505 (GPD) Average

General Information and type of wastewater treatment	<p>This facility performs chrome electroplating, sulfuric acid anodize, nickel seal, chrome conversion coating, passivation and electroless nickel plating of aerospace and commercial market metal components. Pretreatment consists of stream segregation, hydroxide precipitation, chemical reduction, sedimentation, filtration and pH neutralization. The facility is in the process of adding a new sampling point for the cyanide/cadmium destruction unit recently installed to treat cyanide wastewater.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 09/03/2019, a Field NOV was issued for a pH violation which occurred during City monitoring on 09/03/2019. A TISM was issued on 09/09/2019. The IU met all requirements.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Phoenix Children's Hospital

Process Flow: 174,143 GPD (Average)

General Information and type of wastewater treatment	This facility is a 360 bed full service hospital specializing in complete care for children to include medical and surgical operations. The wastewater pretreatment consists of two three stage interceptors which collect hospital cafeteria food wastes. There is a sand/oil interceptor for the helipad. Regulated biohazard wastes are contained and shipped off-site for disposal.
First Quarter	.
Second Quarter	.
Third Quarter	.
Fourth Quarter	.

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Phoenix Indian Medical Center			REPORT PERIOD: 01/01/2019 through 12/31/2019	
SERVICE ADDRESS: 4212 North 16th Street Phoenix, Arizona 85016-5319		MAILING ADDRESS: Same		
CATEGORICAL USER?	No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 12/28/1990
TTO CERTIFICATION DATE SUBMITTED:	N/A		PERMIT EFFECTIVE: 02/01/2017	PERMIT EXPIRES: 01/31/2022
SAMPLING LOCATION VERIFIED ON:	10/31/2019		RCRA NOTICE: 12/28/1990	
SLUG CONTROL PLAN EVALUATION DATE:	10/31/2019		COMPLIANCE SAMPLING POINT No: 2600.02	
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	0	1
Number of City Sampling Days	4	0	3	0
Number of IU Sampling Days	1	1	2	11
Number of Parameter Violations	0	0	2	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	1	1	0	1
Compliance Status	I	I	S	I
Evaluated as of:	04/26/2019	07/26/2019	12/05/2019	02/06/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Permit Condition	Multiple	N/A	N/A	N/A	Failure to Sample pH		
2 nd	Permit Condition	Multiple	N/A	N/A	N/A	Failure to Sample pH		
3 rd	Parameter	09/05/2019	Composite	City	City	Mercury	.00591/.0023 mg/L	11
3 rd	Parameter	09/06/2019	Composite	City	City	Mercury	.00749/.0023 mg/L	11
4 th	Parameter	10/02/2020	Composite	City	IU	Mercury	0.0140/.0023 mg/L	11
		1st Quarter (Jan 1 – Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 – Sep 30)		4th Quarter (Oct 1 - Dec 31)
Enforcement Status		N		A(1)		A, L		A

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Phoenix Indian Medical Center
 Process Flow: 25,537 (GPD) Average

General Information and type of wastewater treatment	<p>This facility is a full service hospital with medical, dental, and surgical operations. Wastewater treatment consists of solids separation, amalgam filtering, and settling.</p>
First Quarter	
Second Quarter	<p>On 05/09/2019, an NOV was issued for IU failure to correctly sample and analyze for pH during the months of February, March and April of 2019. All requirements of the NOV were met.</p>
Third Quarter	<p>On 09/26/2019, an NOV was issued for Mercury exceedances that occurred on 09/05/2019 and 09/06/2019. An NOV and TISM were issued on 09/26/2019. All requirements of the NOV were met.</p> <p>On 10/25/2019, the facility was notified that it was in Significant Noncompliance for Daily Maximum Technical Review Criteria (TRC) during the 3rd quarter of 2019 due to mercury exceedances on 09/05/2019 and 09/06/2019.</p>
Fourth Quarter	<p>On 11/01/2019 the City became aware of a Mercury exceedance that occurred on 10/02/2019. An NOV, 30-day resample and TISM were issued on 11/05/2019. The IU met all requirements.</p> <p>On 12/27/2019, an NOV was issued for failure to correctly sample and analyze pH during the weeks of October 14, 28, and November 18, of 2019. All requirements of the NOV were met.</p> <p>On 01/02/2020 a Notice to Show Cause was issued as a result of three mercury violations in a 90-day period and SNC status during the 3rd quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Phoenix Manufacturing, Inc.

Process Flow: 8,513 GPD (Average)

General Information and type of wastewater treatment	<p>Phoenix Manufacturing, Inc. receives raw material in the form of rolls of sheet metal and manufactures evaporative coolers and electrical wiring boxes. The fabrication of the product consists in the rolls being cut, punched, and bent, to form components. The components are spot welded then put through a zinc phosphating process, powder coated, and assembled for shipment. The zinc phosphating process is regulated under 40 CFR 433.15.</p> <p>The wastewater pretreatment consists of metal hydroxide precipitation and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Prudential Overall Supply		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 5102 West Roosevelt Street Phoenix, Arizona 85043-2716		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR: Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 02/28/1990	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 06/01/2018	PERMIT EXPIRES: 05/31/2023	
SAMPLING LOCATION VERIFIED ON: 05/20/2019		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 05/20/2019		COMPLIANCE SAMPLING POINT №: 1960.02		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	3	0	4	0
Number of IU Sampling Days	1	1	1	0
Number of Parameter Violations	1	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	2	0	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	S	C	C	S
Evaluated as of:	08/08/2019	08/08/2019	12/11/2019	02/10/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Parameter	03/06/2019	Grab	City	IU	pH	10.8/10.5 S.U.	Continuous
1 st	Reporting	03/23/2019	N/A	N/A	N/A	30-day Late		
1 st	Reporting	03/24/2019	N/A	N/A	N/A	TISM #1 Late		
4 th	Reporting	11/29/2019	N/A	N/A	N/A	Analytical Results		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A(2), L	A	N	E, F, I		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N - No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Prudential Overall Supply

Process Flow: 33,632 (GPD) Average

General Information and type of wastewater treatment	<p>The facility is an industrial laundry and launders a variety of articles including shop towels, bar mops, napkins, grill pads, floor mats and industrial uniforms. The wastewater treatment consists of filtration, hydroxide precipitation, flocculation, sedimentation, and pH neutralization.</p>
First Quarter	<p>The City became aware on 02/06/2019 that the IU failed to provide sampling results and the corresponding lab report for 4th Quarter 2018 sampling. The data was provided on 02/07/2019, 41 days late. An NOV was issued 02/19/2019. All requirements of the NOV were met. The IU was notified of Significant Noncompliance status for the 1st Quarter of 2019 on 02/22/2019.</p> <p>On 03/06/2019 the City became aware of a pH excursion. An NOV for Effluent Limits Continuous Self-Monitoring was issued on 03/11/2019. All requirements of the NOV were met.</p>
Second Quarter	<p>On 03/25/2019 the City received the TISM results as a requirement of the NOV dated 02/19/2019 and became aware that the 30-day resample and TISM #1 were reported 2 and 1 day(s) late respectively. A NOV for both Late Reporting Violations was issued on 04/03/2019. All requirements of the NOV were met.</p> <p>On 06/19/2019, a Notice to Show Cause was issued as a result of a parameter violation, late reporting and SNC status.</p>
Third Quarter	<p>On 07/11/2019, a Show Cause Meeting was held to discuss violations occurring during the enforcement period 12/01/2018 through 04/02/2019.</p>
Fourth Quarter	<p>A Pretreatment Settlement Agreement was reached on 10/04/2019 which included monetary penalties of \$1,687.00 and a compliance schedule. The amount was collected in full and requirements of the compliance schedule are in the process of being met.</p> <p>The IU failed to submit quarterly sampling results with the November SMR for sampling conducted in October 2019. Results were submitted upon request on 02/06/2020, 70 days late. An NOV will be issued in the 1st Quarter of 2020, as well as a letter notifying them of SNC status for the 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 1,687.00 Collected \$ 1,687.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Quantum Global Technology, LLC dba Quantum Clean		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 3925 East Watkins Street Phoenix, Arizona 85034-7208		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 05/17/2000	
TTO CERTIFICATION DATE SUBMITTED: 1/22/2020	PERMIT EFFECTIVE: 12/19/2016	PERMIT EXPIRES: 06/30/2021		
SAMPLING LOCATION VERIFIED ON: 05/21/2019	RCRA NOTICE: 06/08/2011			
SLUG CONTROL PLAN EVALUATION DATE: 05/21/2019	COMPLIANCE SAMPLING POINT No: 27319.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	0	2	0	2
Number of IU Sampling Days	3	4	3	3
Number of Parameter Violations	0	0	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	08/09/2019	09/11/2019	01/17/2020	02/11/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
4 th	Parameter	12/11/2019	Composite	Federal	City	Total Toxic Organics	6.90/2.13 mg/L	1
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N - No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Quantum Global Technology, LLC dba Quantum Clean
 Process Flow: 1,664 (GPD) Average

General Information and type of wastewater treatment	<p>Quantum Clean performs chemical cleaning and metallic coating of semiconductor manufacturing components. Wastewater generated consists of spent peroxide, acid, caustic, acid scrubber blowdown, ammonium scrubber blowdown, and copper solutions. Spent copper solutions are shipped off-site for treatment and disposal. The other solutions are segregated for batch pretreatment via metals precipitation, filter press dewatering, and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 01/21/2020 the City became aware of a daily maximum Total Toxic Organics (TTO) exceedance that occurred during City monitoring on 12/11/2019. An NOV, 30-Day Resample, and TISM were issued on 02/03/2020. Completion of the NOV requirements is still pending.</p> <p>A Notice of Concern (NOC) was issued on February 10, 2020 for exceeding the Fluoride Best Management Practice (BMP) limit. The discharge to the sewer on 12/11/2019 was 3000 mg/L, exceeding the BMP limits of 33.0 mg/L. There are no requirements for this NOC.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Quantum Global Technologies, LLC				REPORT PERIOD: 01/01/2019 through 12/31/2019			
SERVICE ADDRESS: 2101 West Roosevelt Street Phoenix Arizona 85009-3702				MAILING ADDRESS: 1901 AM Drive Quakertown, Pennsylvania 18951-6403			
CATEGORICAL USER?	Yes	40 CFR	433.17	LIMITS APPENDIX:	E	BMR SUBMITTED: 01/27/2006	
TTO CERTIFICATION DATE SUBMITTED: 01/22/2020				PERMIT EFFECTIVE: 11/01/2016		PERMIT EXPIRES: 10/21/2021	
SAMPLING LOCATION VERIFIED ON: 03/07/2019				RCRA NOTICE: 10/05/2005			
SLUG CONTROL PLAN EVALUATION DATE: 03/07/2019				COMPLIANCE SAMPLING POINT No: 23398.01			
	1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1		0		0		0
Number of City Sampling Days	1		0		0		1
Number of IU Sampling Days	3		3		3		3
Number of Parameter Violations	0		0		0		0
Number of Inspection Violations	0		0		0		0
Number of Reporting Violations	0		0		1		0
Number of Permit Cond. Violations	0		0		0		0
Compliance Status	C		C		I		C
Evaluated as of:	08/12/2019		09/11/2019		01/17/2020		02/07/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3 rd	Reporting	07/29/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Quantum Global Technologies, LLC

Process Flow: 421 (GPD) Average

General Information and type of wastewater treatment	<p>This facility performs semiconductor and aerospace equipment / parts cleaning using abrasive blasting and chemical cleaning consisting of acid and caustic solutions. Pretreatment consists of precipitation, settling, dewatering, filtration and pH adjustment.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 08/02/2019, an NOV was issued for submitting a late self-monitoring report, which was due on 07/28/2019. The SMR was received on 07/29/2019, one day late. All requirements for the NOV were met.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Rexam Beverage Can Company

Process Flow: 77,219 (GPD) Average

General Information and type of wastewater treatment	<p>Rexam Beverage Can Americas manufactures two-piece beverage cans from aluminum coil stock. In lieu of sampling for TTO's, the facility monitors for Oil and Grease using EPA method 1664A - SGT-HEM, as delineated in 40 CFR 465.03(c). The wastewater treatment consists of oil and grease gravity separation, stream segregation, lime addition, hydroxide precipitation, filtration, dewatering, and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Safeway Inc., Phoenix Ice Cream Plant		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 2434 East Pecan Road Phoenix, Arizona 85040-3631		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 02/01/2003	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 01/01/2018	PERMIT EXPIRES: 12/31/2022	
SAMPLING LOCATION VERIFIED ON: 05/10/2019		RCRA NOTICE: 02/01/2003		
SLUG CONTROL PLAN EVALUATION DATE: 05/10/2019		COMPLIANCE SAMPLING POINT №: 21433.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	4	3	3	4
Number of IU Sampling Days	4	4	3	4
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	1	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	08/07/2019	08/07/2019	12/11/2019	02/05/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Permit Condition	02/09/2019	N/A	N/A	N/A	Failure to Sample pH		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Safeway, Inc. Phoenix Ice Cream Plant

Process Flow: 96,300 GPD (Average) 120,357

General Information and type of wastewater treatment	<p>This facility manufactures and packages ice cream from raw bulk products. Wastewater pretreatment consists of physical separation and pH adjustment. Waste product is shipped off-site for animal (hog) feed.</p>
First Quarter	<p>On 02/20/2019 the City became aware that a required weekly pH sample was missed for the week of February 3rd – 9th. An NOV for failure to sample was sent out on 02/28/2019. All requirements of the NOV were met.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Sagamore Camelback, LLC.

Process Flow: 11,682 (GPD) Average

General Information and type of wastewater treatment	<p>A dewatering system is continuously operated to ensure proper management of the 5-level subsurface parking garage as rising groundwater elevations intersect the parking levels. Previously contaminated groundwater from the dewatering wells, combined with accumulated stormwater and hand sinks is no longer treated as of 2017 but simply discharged through the sampling point.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Sav-On Plating, Inc.
 Process Flow: 19,616 (GPD) Average

General Information and type of wastewater treatment	Sav-On Plating performs chromate conversion coating, alkaline zinc and cadmium plating using barrel and rack plating methods. Pretreatment processes consist of stream segregation, chemical reduction, hydroxide precipitation, dewatering, and pH neutralization.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Shamrock Foods Company-Dairy Division

Process Flow: 581,168 (GPD) Average

General Information and type of wastewater treatment	<p>The facility processes milk into sour cream, cottage cheese, skim milk, 2% milk, and whole milk along with specialty protein and flavored or seasonal products. The facility also makes orange juice from concentrate, non-dairy creamer, and bottles one gallon jugs of filtered water. Products are segregated via two plants called the High Temperature – Short Term Plant (HTST) and the Extended Shelf Life (ESL) Plant. There is a blow mold for plastic bottle creation as well onsite. Wastewater pretreatment consists of gravity separation, Dissolved Air Flootation (DAF) and pH adjustment.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Shearer's Foods, LLC – Barrel O' Fun Snack Foods Southwest		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 7330 West Sherman Street Phoenix, Arizona 85043-4751		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 06/07/2016	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 07/01/2016		PERMIT EXPIRES: 06/30/2021	
SAMPLING LOCATION VERIFIED ON: 03/07/2019		RCRA NOTICE: 06/13/2016		
SLUG CONTROL PLAN EVALUATION DATE: 03/07/2019		COMPLIANCE SAMPLING POINT №: 33399.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	4	5	5	2
Number of IU Sampling Days	2	4	3	3
Number of Parameter Violations	1	0	0	2
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	I
Evaluated as of:	07/30/2019	07/30/2019	12/09/2019	02/03/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Parameter	02/03/2019	Grab	City	IU	pH (Instantaneous)	10.8/10.5 S.U.	Continuous
4 th	Parameter	12/08/2019	Grab	City	IU	pH (Instantaneous)	3.80/5.0 S.U.	Continuous
4 th	Permit Condition Reporting	09/30/2019	N/A	N/A	N/A	Failure to Sample Cu, Pb Late SMR		
4 th		11/29/2019	N/A	N/A	N/A			
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A(1)	N	N	A(3)		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Shearer's Foods, LLC - Barrel O' Fun Snack Foods Southwest

Process Flow: 249,474 GPD (Average)

General Information and type of wastewater treatment	<p>Shearer's Foods – Barrel O' Fun Snack Foods Southwest, Inc. (Barrel O' Fun) manufactures potato chips, kettle chips, tortilla chips, popcorn, caramel corn, kettle corn, and cheese puffs.</p> <p>The wastewater treatment consists of equalization, pH adjustment, coagulation, floatation, physical separation, and solids dewatering. All process wastewater passes through a 25,000-gallon underground pit/lift station. Processing Area wastewater is piped to a grease interceptor prior to the lift station. Pit wastewater is pumped to holding tanks and then pH adjustment. After chemical dosing, effluent is treated in a CAF with polymer and then sent through a filter press. Resulting liquor is returned to the pit. A new diverter valve discharges effluent into the pretreatment area trench to the pit from the sampling point in the event of noncompliance.</p>
First Quarter	<p>On 02/25/2019, an NOV was issued for a continuous pH violation that occurred on 02/03/2019. All requirements of the NOV were met.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/04/2019, an NOV was issued for IU failure to sample for Copper and Lead during the 3rd Quarter of 2019. All requirements of the NOV were met.</p> <p>On 12/06/2019, an NOV was issued for submitting a late Self-Monitoring Report (SMR) which was due on 11/28/2019. The SMR was received on 12/04/2019; 6 days late. All requirements of the NOV were met.</p> <p>A Notice of Concern was issued on 12/09/2019 for not including quarterly sampling results in the September 2019 SMR. The quarterly sampling results were submitted on 12/06/2019, 39 days late.</p> <p>On 12/12/2019, an NOV was issued for a continuous pH violation that occurred on 12/08/2019. All requirements of the NOV were met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Signetix, Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 2611 South 7th Street, Suite 101 Phoenix Arizona 85034-6503		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 07/02/2001	
TTO CERTIFICATION DATE SUBMITTED: 01/27/2020	PERMIT EFFECTIVE: 02/01/2017	PERMIT EXPIRES: 01/31/2022		
SAMPLING LOCATION VERIFIED ON: 7/17/2019	RCRA NOTICE: 12/14/2001			
SLUG CONTROL PLAN EVALUATION DATE: 7/17/2019	COMPLIANCE SAMPLING POINT No: 20729.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	2	0	0	3
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	1	1	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	S	I	C
Evaluated as of:	08/09/2019	08/09/2019	11/26/2019	02/05/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Reporting	05/26/2019	N/A	N/A	N/A	Late Analytical Results		
3 rd	Reporting	08/29/2019	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	A (1)	A (1)	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Signetix, Inc.

Process Flow: 3,603 (GPD) Average

General Information and type of wastewater treatment	<p>The facility process consists of immersing a substratum metal into a phosphate cleaning solution, rinsing the metal and applying a powder coating. Rinsate wastewater generated from the cleaning process is pH neutralized prior to discharge.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 08/19/2019, an NOV was issued for submitting late quarterly sampling results with the SMR received on 05/26/2019. The results were submitted after requesting them on 08/15/2019; 79 days late. All requirements of the NOV were met.</p> <p>On 09/05/2019, an NOV was issued for submitting a late self-monitoring report which was due on 08/28/2019. The SMR was received on 08/30/2019; 2 days late. All requirements of the NOV were met.</p> <p>On 08/28/2019, the IU was notified of 2nd Quarter Significant Non-Compliance for submitting a report 30 days or more past the due date; quarterly lab sampling data was submitted 79 days late.</p>
Fourth Quarter	<p>On 12/06/2019, a Notice to Show Cause was issued as a result of two late reports and Significant Noncompliance status for the 2nd Quarter of 2019. The Show Cause will take place in the 1st Quarter of 2020.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Sky Chefs, Inc. – LSG Sky Chefs			REPORT PERIOD: 01/01/2019 through 12/31/2019	
SERVICE: 3555 South 28 th Street		MAILING ADDRESS: Same		
ADDRESS: Phoenix, Arizona 85040-8603		LIMITS APPENDIX: A		BMR SUBMITTED: N/A
CATEGORICAL USER? No	40 CFR Local Limits			
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 04/15/2019	PERMIT EXPIRES: 03/31/2024		
SAMPLING LOCATION VERIFIED ON: 12/30/2019	RCRA NOTICE: 04/15/2019			
SLUG CONTROL PLAN EVALUATION DATE: 12/30/2019	COMPLIANCE SAMPLING POINT No: 46461.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	5	2	2
Number of City Sampling Days	N/A	0	4	0
Number of IU Sampling Days	N/A	1	1	1
Number of Parameter Violations	N/A	37	26	1
Number of Inspection Violations	N/A	0	0	0
Number of Reporting Violations	N/A	7	1	0
Number of Permit Cond. Violations	N/A	0	0	0
Compliance Status	N/A	I	I	I
Evaluated as of:	N/A	08/16/2019	02/07/2020	02/07/2020

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
2 nd	Parameter	04/25/2019	Grab	City	IU	pH	4.94 / 5.0 S.U.	Continuous
2 nd	Parameter	04/17-04/25	Continuous	City	IU	pH	4.57 / 5.0 S.U.	Continuous
2 nd	Reporting	04/18-04/24	N/A	N/A	N/A	24-Hour Notification		
2 nd	Parameter	05/6/2019	Continuous	City	IU	pH	4.40 / 5.0 S.U.	Continuous
2 nd	Parameter	05/20/2019	Continuous	City	IU	pH	44.9 / 5.0 S.U.	Continuous
2 nd	Reporting	05/31/2019	N/A	N/A	N/A	24-Hour Notification		
2 nd	Parameter	06/7/2019	Grab	City	IU	pH	4.4 / 5.0 S.U.	Continuous
2 nd	Parameter	06/7-6/22	Continuous	City	IU	pH	3.99 / 5.0 S.U.	Continuous
2 nd	Parameter	06/23-6/30	Continuous	City	IU	pH	3.99 / 5.0 S.U.	Continuous
3 rd	Parameter	07/1-07/5	Continuous	City	IU	pH	4.15 / 5.0 S.U.	Continuous
3 rd	Parameter	07/12-07/31	Continuous	City	N/A	pH	12.59/10.5 S.U.	Continuous
3 rd	Reporting	07/27/2019	N/A	N/A	IU	24-Hour Notification		
3 rd	Parameter	08/19/2019	Continuous	City	IU	pH	4.36 / 5.0 S.U.	Continuous
4 th	Parameter	12/24/2019	Continuous	City	IU	pH	12.16/10.5 S.U. 4.67 / 5.0 S.U.	Continuous
Enforcement Status			N/A	A(8)	A(5)	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Sky Chefs, Inc.

Process Flow: 6,002 GPD (Average)

General Information and type of wastewater treatment	<p>The facility prepares and processes food for commercial airlines and convenience stores.</p> <p>Pretreatment consists of physical separation via a grease interceptor and a pH neutralization tank.</p>
First Quarter	
Second Quarter	<p>Class A Wastewater Discharge Permit N^o 1904-46461 went into effect on April 15, 2019 and is set to expire on March 31, 2024.</p> <p>On May 3, 13, 31, June 7 and 26, 2019, NOVs were issued for Continuous pH Effluent Violations. All requirements of these NOVs have been met.</p> <p>On May 6 and June 7, 2019, NOVs were issued for Late Reporting – 24-Hour Notification Violations. All requirements of these NOVs have been met.</p>
Third Quarter	<p>On July 3, 12, August 2 and 28, 2019, NOVs were issued for Continuous pH Effluent Violations. All requirements of these NOVs have been met.</p> <p>On August 8, 2019, an NOV was issued for Late Reporting – 24-Hour Notification Violations. All requirements of this NOV have been met.</p>
Fourth Quarter	<p>On 11/13/2019 a Notice to Show Cause was issued as a result of more than 55 parameter and 8 reporting violations occurring within the time frame of 04/15/2019 to 09/01/2019. On 12/12/2019 a Show Cause Meeting was held to discuss violations occurring during the previously mentioned enforcement period.</p> <p>A Pretreatment Settlement Agreement will be reached in the 1st Quarter of 2020 which includes monetary penalties of \$66,973.32 and a compliance schedule. The penalties will be collected in the 1st Quarter of 2020 and requirements of the compliance schedule are in the process of being met.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: SkyChefs, Inc. – LSG SkyChefs

Process Flow: 45,229 GPD (Average)

General Information and type of wastewater treatment	<p>The facility prepares and processes food for commercial airlines.</p> <p>Pretreatment consists of physical separation and a pH mixing tank.</p>
First Quarter	
Second Quarter	<p>On May 20, 2019, Permit No. 1707-2390 was terminated. An inspection was conducted on May 13, 2019 to confirm that all operations had ceased. All requirements were completed on June 27, 2019.</p>
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Specialty Textile Services

Process Flow: 79,609 (GPD) Average

General Information and type of wastewater treatment	<p>Specialty Textile is a commercial laundry which launders linens from resort hotels and restaurants. Pretreatment consists of gravity separation for lint and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: SUMCO Southwest Corporation
 Process Flow: 926,085 (GPD) Average

General Information and type of wastewater treatment	The facility grows, cuts, etches, and polishes silicon crystals. SUMCO treats three separate waste streams: 1. All etchants which include fluoride, peroxide and silicon dioxide/cleaning wastes discharge continuously and flow through a series of equalization and pH adjustment tanks called the Acid Waste Neutralization (AWN) system which then flows to the compliance sample point. 2. Chromium bearing wastes are treated in batches and are gravity fed to a series of tanks which include equalization tank, metals precipitation tank, pH adjustment and a filter press. The liquids from the filter press are sent to the AWN system and then flows to the compliance sample point. The settled solids from the filter press are stored in a drum for shipment to an off-site disposal/recycling facility. 3. Water is used to cool vacuum pumps during the silicon growing process and act as a water curtain to remove particulates from the airstream which protect the pumps. These wastewaters are collected in a holding tank and treated for arsenic. Wastewaters are pumped to a series of tanks which include coagulation, pH adjustment, clarification and dewatering. The settled solids from the dewatering are stored in a drum for disposal off site.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Sumitomo Chemical Advanced Technologies, LLC.

Process Flow: 723 GPD (Average)

General Information and type of wastewater treatment	<p>Sumitomo Chemical Advanced Technologies, LLC. (Sumitomo) is a custom Gallium Arsenide epitaxial wafer manufacturing facility. The III-V Division in Phoenix, AZ provides GaAs, AlGaAs, InGaP, InGaAs, InAlAs, and InP epitaxial services for fiber optic. Digital communication and wireless applications. Sumitomo manufactures custom wafers for the compound semiconductor market. Compound semiconductor epitaxial wafers are used in a variety of commercial applications including: wireless communications, LED manufacturing, and solar energy conversion. Sumitomo uses Metalorganic Chemical Vapor Deposition (MOCVD) to apply epitaxial layers onto gallium arsenide wafers.</p> <p>Wastewater from Arsenic contaminated metal parts cleaning, process area containment sumps, and bleed-off from wet air scrubbers for Arsenic process and Metal Organic Chemical Vapor Deposition process are conveyed to a batch pretreatment system consisting of an equalization tank, metal hydroxide reaction and precipitation tank, sludge tank, filter press, arsenic ion exchange adsorption system, and pH neutralization before discharging to sewer at compliance sampling point.</p>
First Quarter	<p>On 02/07/2019, an NOV was issued for a Late Reporting – 24-Hour Notification Violation. The facility became aware of a mercury violation on 12/27/2018 but did not report the violation until 01/25/2019, 28 days late. All requirements of this NOV have been met.</p> <p>On 02/07/2019, an NOV was issued for a Failure to Sample Violation for BOD and TSS in the Fourth Quarter of 2018. All requirements of this NOV have been met.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: The Proctor & Gamble Manufacturing Company

Process Flow: 30,641 (GPD) Average

General Information and type of wastewater treatment

This facility manufactures a natural fiber laxative (Metamucil). Pretreatment consists of physical separation and pH neutralization.

First Quarter

Second Quarter

Third Quarter

Fourth Quarter

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Unifirst Corporation

Process Flow: 85,937 (GPD) Average

General Information and type of wastewater treatment	<p>The facility is an industrial laundry. They launder uniforms and various textiles. Wastewater pretreatment consists of segregation of wastestreams, oily waste removal, flocculation, dissolved air flotation, and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Upper Crust Bakery			REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 3655 West Washington Street Phoenix, Arizona 85009-4759		MAILING ADDRESS: Same			
CATEGORICAL USER?	No	40 CFR	Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 05/15/2017
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 10/01/2018		PERMIT EXPIRES: 05/31/2022	
SAMPLING LOCATION VERIFIED ON: 08/27/2019		RCRA NOTICE: 06/02/2017			
SLUG CONTROL PLAN EVALUATION DATE: 08/27/2019		COMPLIANCE SAMPLING POINT No: 33224.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)	
Number of Inspections	1	2	1	0	
Number of City Sampling Days	3	2	5	0	
Number of IU Sampling Days	3	3	3	3	
Number of Parameter Violations	5	2	0	0	
Number of Inspection Violations	0	0	0	0	
Number of Reporting Violations	3	0	0	0	
Number of Permit Condition Violations	0	1	2	0	
Compliance Status	S	I	I	C	
Evaluated as of:	04/22/2019	07/17/2019	10/23/2019	01/23/2020	

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Parameter	01/24/2019	Grab	City	IU	pH (Instant.)	10.8/10.5 S.U.	Continuous
1 st	Parameter	02/08/2019	Grab	City	IU	pH (Instant.)	4.92/5.0 S.U.	Continuous
1 st	Reporting	02/09/2019	N/A	N/A	N/A	Late NOV Response		
1 st	Reporting	02/09/2019	N/A	N/A	N/A	24-Hour Notification		
1 st	Permit Condition	02/19/2019	N/A	N/A	N/A	Unlawful Discharge		
1 st	Parameter	02/19/2019	Grab	City	IU	pH (Instant.)	1.83/5.0 S.U.	Continuous
1 st	Reporting	02/20/2019	N/A	N/A	N/A	Late 24-Hour Notification		
1 st	Parameter	03/09/2019	Grab	City	IU	pH (Instant.)	4.7/5.0 S.U.	Continuous
1 st	Parameter	03/17/2019	Grab	City	IU	pH (Instant.)	2.61/5.0 S.U.	Continuous
2 nd	Permit Condition	04/29/2019	N/A	N/A	N/A	Unlawful Discharge		
3 rd	Permit Condition	07/29/2019	N/A	N/A	N/A	Unlawful Discharge		
3 rd	Permit Condition	08/09/2019	N/A	N/A	N/A	Unlawful Discharge		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A(7)	A(4), E, F, K, I	A(1)	N		

Enforcement Status Codes

A - Notice of Violation (NOV)	F - Assessment of Monetary Penalties	K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year
B - Administrative Order (AO)	G - Restriction of Flow	L - Temporary Increase in IU Self-Monitoring (TISM)
C - Civil Action Filed	H - Permit Revocation	
D - Criminal Action Filed	I - Compliance Schedule Issued	
E - Pretreatment Settlement Agreement (PSA)	J - Disconnection from Sewer	N- No Enforcement Action

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Upper Crust Bakery
 Process Flow: 28,209 (GPD) Average

General Information and type of wastewater treatment	<p>This facility produces baked goods including muffins, breads, scones, croissants, and cakes. The facility recently upgraded to a pretreatment system that includes pH neutralization and a new grease interceptor. Grease and solids retention have become a concern at the facility and the facility is investigating additional pretreatment options.</p>
First Quarter	<p>On 12/27/2018, the City became aware of a continuous pH exceedance that occurred on 12/27/2018. An NOV was issued on 01/22/2019. The IU met all requirements.</p> <p>On 01/25/2019, the City became aware of continuous pH exceedances that occurred on 01/24/2019. An NOV was issued on 03/06/2019. The IU met all requirements of the NOV.</p> <p>On 02/10/2019, the City became aware of continuous pH exceedances that occurred on 02/08/2019 and an NOV was issued on 03/06/2019. On 03/07/2019, an NOV was issued for late 24-hour notification of the pH exceedances occurring on 02/08/2018 and reported on 02/10/2019, one day late. All requirements of the NOVs were met.</p> <p>On 02/26/2019, an NOV was issued for a late NOV response, due 02/08/2019 and received on 02/14/2019, six days late. All requirements of the NOV were met.</p> <p>On 03/09/2019, the City became aware of continuous pH exceedances that occurred on 03/09/2019. An NOV was issued on 03/15/2019. All requirements of the NOV were met.</p> <p>On 03/15/2019, a Notice to Show Cause was issued as a result of multiple pH effluent and reporting violations, failure to sample and Significant Non-Compliance (SNC) status.</p> <p>On 03/17/2019, the City became aware of continuous pH exceedances that occurred on 03/17/2019. An NOV was issued on 03/25/2019. All requirements of the NOV were met.</p>
Second Quarter	<p>On 03/27/2019, the City became aware of continuous pH exceedances that occurred on 02/19/2019. Three NOVs were issued on 04/03/2019; one for the pH exceedance, the second for Prohibited and Unlawful Discharge and the third for late 24-hour notification of the pH exceedance. The exceedance was reported 35 days late. All requirements of the NOV were met.</p> <p>On 04/12/2019 a SNC status notification was issued for 1st quarter late 24-hour notification reporting; the notification was received 35 days late.</p> <p>On 04/22/2019, a Show Cause Meeting was held to discuss violations occurring during the enforcement period 02/01/2018 through 03/01/2019. A Pretreatment Settlement Agreement was reached which included monetary penalties of \$18,144.23 and a compliance schedule. The amount was collected in full and requirements of the compliance schedule have been met.</p> <p>On 05/20/2019, an NOV was issued for Unlawful Discharge of Solid or Viscous Pollutants. During the week of 04/29/2019, City of Phoenix Wastewater Collection Division determined a build-up of large quantities of dough and grease that was determined to be caused by Upper Crust Bakery.</p>
Third Quarter	<p>On 08/23/2019, an NOV was issued for Unlawful Discharge of Solid or Viscous Pollutants. On 07/29/2019 and 08/09/2019, City of Phoenix Wastewater Collection Division was performing routine maintenance during an interim line replacement project on the sewer pipe downstream of Upper Crust Bakery. During the routine maintenance, Collections found large quantities of a viscous substance containing yeast, fats, and oils in the sewer and collected a grab sample on both days.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$18,144.23 Collected \$ 18,144.23

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: World Resources Company

Process Flow: 40,765 (GPD) Average

General Information and type of wastewater treatment	<p>The facility receives metal-laden waste sludge from off site and performs material blending and compounding, solar, and thermal drying, and product formulating.</p> <p>The pretreatment process consists of hydroxide precipitation, flocculation, sedimentation, ion exchange and pH adjustment.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 07/01/2019, an NOC was issued for Effluent Concentration – High Nickel. The Nickel samples that were collected by the City Wastewater Monitoring team on 05/14/2019 exceeded the reporting concentrations. However, the parameter of concern is not a parameter that is specified in the facility's Permit.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

SECTION 2.4
CITY OF SCOTTSDALE

POTW PRETREATMENT ANNUAL REPORT

CITY OF SCOTTSDALE, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2019 through 12/31/2019

Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment Plant

NPDES Permit Number: AZ0020524

Person to Contact Concerning City of Scottsdale Information Contained in the Report:

Carie Wilson
Water Quality Manager
8787 East Hualapai Drive, PO Box 25089
Scottsdale, Arizona 85255-0176
480-312-8732

As required by 40 C.F.R. Section 122.22(b)(2):

I certify under penalty of law that all CITY OF SCOTTSDALE attachments contained in this document 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.

2-4-2020

Date



Brian K. Biesemeyer
Executive Director

Water Resources Division, City of Scottsdale, Arizona



INTRODUCTION

2019 Annual Report

City of Scottsdale Water Resources – Industrial Pretreatment

Located in the Salt River Valley in central Arizona, Scottsdale is made up of 185 square miles and is known for its art galleries, specialty shops, golf courses, restaurants, resorts, and nightlife. It is also a popular retirement and tourist community and features numerous cultural activities throughout the year.

In 1888, U.S. Army Chaplain Winfield Scott visited the Salt River Valley, was impressed with its potential, and subsequently made a down payment on 640 acres to start a farming operation at \$3.50 per acre. Scott's purchase, near the heart of present-day downtown Scottsdale, would be the impetus for the development of the city that bears his name.

On June 25, 1951, with a population of about 2,000 living within an area of less than a square mile, the town incorporated. Malcolm White was appointed its first mayor, and Scottsdale adopted "The West's Most Western Town" as its official motto. The following decades brought even more growth in population and land area, as the city pushed northward into the high Sonoran Desert and experienced several building booms. By 1980, its population of more than 88,000 covered 88.6 square miles. By 1990, it had reached more than 130,000 in population and expanded to roughly its present size – about 185 square miles. By 2000, the city was home to more than 202,000. As of 2019, the estimated population was 249,950.

Scottsdale Water is full-service water utility, providing water, sewer and recycled water services. Following Scottsdale Water's vision of Water sustainability through stewardship, innovation and people, Scottsdale Water has won several prestigious awards including the Association of Metropolitan Water Agencies' Sustainable Water Utility Management Award (2018)– the highest industry recognition conferred to municipal water agencies. In 2019, Scottsdale Water was recognized with Arizona Forward's Sustainability Champion Crescordia Award, which recognizes an organization or program that has created a culture of sustainability both in their organization and the community, demonstrated a meaningful impact in advancing sustainable programs, and serves as a model for environmental leadership. The utility also received the EPA's Utility of the Future Today designation (2016) and Scottsdale Water's Citizens Academy was named Public Education Program of the Year in 2017 by the WaterReuse Association. This twice-a-year multi-week program provides residents an inside look at all facets of the city of Scottsdale Water and Wastewater divisions. A key part of the academy is the focus on Scottsdale's WaterReuse efforts with a tour inside the Advanced Water Treatment facility, widely recognized as one of the world's most innovative water purification projects. Scottsdale Water's Advanced Water Treatment plant is one of the most sophisticated indirect potable reuse facilities in the world, recharging an average of 1.7 billion gallons of purified recycled water into the aquifer annually, and received the state's first direct potable reuse permit in 2019. Because of Scottsdale's commitment to pump less groundwater out of the aquifer than recharging back in, it was the first city in Arizona to achieve "safe yield," initially in 2006 and every year since.

The city is governed by a mayor and a city council, all of who are elected “at large” to represent the entire city. A city manager is responsible for the executive leadership of the city staff, as well as implementing council policies, developing programs and budgets to respond to council goals, and ensuring the citizens receive effective and efficient services.

Scottsdale Water’s Industrial Pretreatment Program was approved by the US Environmental Protection Agency in 1983, and presently holds permits with one non-significant industrial user and four significant industrial users (SIUs) that are sampled and inspected regularly. The Pretreatment group also manages an inspection program for restaurants and automotive service/repair facilities to help prevent pollution from entering the environment and to ensure compliance with local and federal regulations.



POLLUTION PREVENTION PROGRAM SUMMARY

2019 Annual Report

City of Scottsdale Water Resources – Industrial Pretreatment

INTRODUCTION

Through its Industrial Pretreatment Program, the city of Scottsdale works to reduce or eliminate pollution at its source by implementing a Pollution Prevention Program. Reducing the amount of pollution that enters the collections system causes less waste to control, treat, or dispose of at the treatment plant, resulting in lower risk to public health and the environment. The city of Scottsdale continues to participate with the Sub-Regional Operating Group (SROG) cities on a cooperative basis to study and implement Pollution Prevention and Best Management Practice (BMP) procedures and techniques.

POINT SOURCE CONTROL PROGRAMS

LOCAL LIMITS

Monthly samples at the Princess meter station, where wastewater is discharged from Scottsdale at its southern boundary were collected by city of Phoenix. The city of Scottsdale collected split samples in cooperation with Liberty Utilities at the Dove Valley meter station, located at the most northern wastewater service boundary of Scottsdale.

Data collected during these sampling events was used in the determination of allowable discharge limitations of process wastewater from industrial and commercial users that make use of the municipal sanitary system. The city's Industrial Pretreatment Program regulates permitted industrial user facilities based upon the local limits established by SROG.

PERMITTED SIU PROGRAM

In 2019, the Scottsdale Water staff sampled the wastestream(s) of all permitted Significant Industrial Users (SIU) on a quarterly basis. As a condition of the industrial wastewater permit, all SIUs must sample, analyze, and submit quarterly self-monitoring reports to the city. Lab results from these sample events are used to determine whether a facility meets compliance with federal, categorical, and/or local limits regulations. At a minimum, each facility is inspected annually by Scottsdale Water's Industrial Pretreatment staff.

FOOD SERVICE ESTABLISHMENTS (FOG PROGRAM)

The Pretreatment group monitors grease traps and interceptors at 1,074 food service establishments (FSE) through its Fats, Oils, and Grease (FOG) programs to ensure adequate pumping frequencies are met to protect the city's collections system. In 2019, a total of 2218 inspections were performed at restaurants, bars, hotels, night clubs, and golf courses. Inspectors perform visual checks of the grease capturing device, review recent pumping manifests, and include a verbal review of kitchen best management practices (BMP) that should be utilized to reduce waste.

AUTOMOTIVE SERVICE & REPAIR FACILITIES (POG PROGRAM)

There are 155 automotive service and/or repair shops that have sand/oil separators in Scottsdale, and each of these facilities is inspected at least annually to ensure compliance with local ordinances. Pretreatment staff completed 287 Petroleum, Oils, and Grease (POG) inspections, which include a visual check of the interceptor and a review of recent pumping manifests. Inspectors also review automotive shop BMPs with staff and distribute educational materials when appropriate.

INDUSTRIAL WASTE SURVEYS

Scottsdale Water works to identify new businesses that may have the potential to impact the POTW, based on the type of business they conduct and any site-specific concerns that are observed. All such facilities are added to the database and if upon the initial visit the inspector finds a reason to return for routine inspection, the facility is put on a routine, annual inspection cycle. Surveys include a walkthrough of inside spaces to identify any processes in place, chemicals used/stored, locations and quantity of drains and an inspection of outdoor areas to identify potential stormwater concerns. In 2019, the Pretreatment group performed inspections at 88 commercial facilities and entered the information into a database for tracking and to easily schedule future inspections.

EDUCATIONAL SOURCE CONTROL PROGRAMS

The city of Scottsdale currently promotes educational source control through the city's Pollution Prevention Program, which includes the Water Resources Citizens Academy for residents, Household Hazardous Waste Program, Electronic Recycling Waste Collection Program, Waste Minimization Program, and the Curbside Recycling Program. Through these educational programs large amounts of waste materials including toxic chemicals have been diverted from normal waste streams such as the municipal sewer or local landfill. All disposal and recycling is handled by licensed contractors and facilities.

COMMUNITY OUTREACH/EDUCATION

The Pretreatment group participated in several community outreach events in the past year to reduce Fats, Oils, and Grease that enter the POTW from domestic users.

ENVIRONMENTAL ADVISORY COMMISSION

The Environmental Advisory Commission is a City Council appointed group whose purpose is to advise the Council on issues related to preservation and enhancement of the local environment. The city of Scottsdale has taken every opportunity to establish community participation programs in which citizens can become involved. Boards, commissions, and committees in various area of interest have been organized for residents to take an active role in their city government. The Environmental Advisory Commission provides guidance on the prioritization of current and future environmental activities and recommends environmental policies to the City Council.

EDUCATIONAL PUBLICATIONS AND WEBSITES

The city publishes several magazines and newsletters to help educate citizens and employees on environmental issues. The city also makes available departmental websites with topics pertaining to Pollution Prevention and related information.

Pollution Prevention Educational Publications		
Publication	Format	Distribution
City Line	Weekly Newsletter	E-Mailed to Scottsdale employees
Pipeline: Scottsdale Water News	Departmental Website	www.scottsdaleaz.gov/water
Revised Scottsdale Code	Departmental Website	https://www.municode.com/library/az/scottsdale/codes/code_of_ordinances

CITY OF SCOTTSDALE

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2019 – December 31, 2019 – Total Pretreatment Expenditures **\$390,707**

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2018</u>	<u>FTEs 2019</u>
Regulatory Compliance Manager	0.2	0.2
Water Quality Coordinator	1.0	1.0
Water Quality Specialists*	5.0	4.0

***This position shares responsibilities in other water quality programs**

PRETREATMENT PROGRAM EXPENDITURES

Laboratory Services	\$7,044.00
Operating Supplies and Expenses	\$372,064.00
Annual Software Maintenance/Support	\$11,599.00

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2019</u>	<u>Total 2019</u>
pH Meter	0	3
Gas Detectors	0	2
Portable Auto-Sampler	0	6
Vehicles	0	5
Computers / Software	0	9
Area Velocity Probes	0	3
Samplers / pH	0	1

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
1.	HonorHealth - Osborn 7400 East Osborn Road Scottsdale, Arizona 85251-6432	91 st Ave	8062	Local Limits
2.	HonorHealth - Shea 9003 East Shea Boulevard Scottsdale, Arizona 85260-6709	91 st Ave	8062	Local Limits
3.	HonorHealth - Thompson Peak Pkwy 7400 East Thompson Peak Parkway Scottsdale, Arizona 85255-4109	91 st Ave	8062	Local Limits
4.	Mayo Clinic Scottsdale 13400 East Shea Boulevard Scottsdale Arizona 85259-5499	91 st Ave	8062	Local Limits

ADDITIONS

The following Significant Industrial Users were added in 2019:

None

DELETIONS

The following Significant Industrial Users have ceased operations in 2019:

None

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2019:

None

NAME CHANGES

The following Significant Industrial Users changed their names in 2019:

None		

City of Scottsdale
PRETREATMENT PERFORMANCE SUMMARY
91st Avenue Wastewater Treatment Plant

I. General Information						
Control Authority Name: City of Scottsdale				NPDES No.: AZ0020524		
Address: 8787 East Hualapai Drive		City: Scottsdale		State: Arizona		ZIP: 85255
Contact Person: Carie Wilson				Contact Telephone Number: (480) 312-8718		
Reporting Period: January 1 – December 31, 2019			Categorical IUs: 0		Significant Non-Categorical IUs: 4	
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	No.	%	No.	%	No.	%
1.	No. of SIUs in Full Compliance		4	100%	4	100%
2.	No. of SIUs in Inconsistent Compliance		0	0%	0	0%
3.	No. of SIUs in Significant Noncompliance		0	0%	0	0%
4.	No. of Parameter Violations		0		0	
5.	No. of Reporting Violations		0		0	
6.	No. of Permit Condition Violations		0		0	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
	No.	%	No.	%	No.	%
1.	No. of Control Documents Issued		4		4	
2.	No. of Non sampling Inspections Conducted		4		4	
3.	No. of Facilities Inspected (Non sampling)		4		4	
4.	No. of Sampling Visits Conducted		16		4	
5.	No. of Facilities Sampled		4		4	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
	No.	%	No.	%	No.	%
1.	Notices of Violations Issued to SIUs		0		0	
2.	Temporary Increase in IU Self-Monitoring		0		0	
3.	Administrative Orders Issued to SIUs		0		0	
4.	Compliance Schedules Issued		0		0	
5.	Settlement Agreements		0		0	
6.	Other Actions		0		0	
7.	Amount of Penalties Collected (Total Dollars / IUs Assessed)		\$ 0.00 / 0		\$ 0.00 / 0	

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: GENERAL DYNAMICS MISSIONS SYSTEMS

Process Flow: 600 GPD

General Information and type of wastewater treatment	<p>This facility has been issued a Non-Significant Industrial User Discharge Permit as of 01/22/2018. Most all major process waste streams have been removed or moved to other locations. They requested their batch sled pretreatment system be removed. Due to years of sampling data showing compliance, they were granted this new permit. The 6,000-gal waste stream retention sump is still in place as well as their sampling compliance point. They now discharge in batches of 5,000 – 6,000 gallons roughly every 3-4 weeks. They are notified in advance of the city’s sampling event to provide enough discharge to allow for a flow-weighted composite sample. They discharge at a rate of 30 gallons per minute, resulting in a 5-hr. sampling window during this batch discharge.</p>
First Quarter	<p>The City conducted 1 day of sampling during the quarter. No enforcement actions.</p>
Second Quarter	<p>No activities conducted by the city or facility.</p>
Third Quarter	<p>No activities conducted by the city or facility.</p>
Fourth Quarter	<p>The city conducted 1 day of sampling during this quarter. Facility conducted same 1-day sampling during this quarter. The city conducted a site inspection during this quarter. No enforcement actions.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Scottsdale Healthcare - Osborn

Process Flow: 120,000 (GPD) Average

General Information and type of wastewater treatment	<p>HonorHealth – Osborn is a part of the HonorHealth network of hospitals. It is a full-service hospital (SIC 8062) and is permitted as a non-categorical Significant Industrial User. HonorHealth – Osborn utilizes Best Management Practices (BMPs) as their primary treatment of process water. There is no physical pretreatment system in place.</p>
First Quarter	<p>City of Scottsdale and Scottsdale Osborn separately conducted quarterly sample monitoring of the facility. No enforcement actions.</p>
Second Quarter	<p>City of Scottsdale and Scottsdale Osborn separately conducted quarterly sample monitoring of the facility. No enforcement actions.</p>
Third Quarter	<p>City of Scottsdale and Scottsdale Osborn separately conducted quarterly sample monitoring of the facility. No enforcement actions.</p>
Fourth Quarter	<p>City of Scottsdale and Scottsdale Osborn separately conducted quarterly sample monitoring of the facility. City staff conducted an inspection at the facility. No enforcement actions.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: HonorHealth – Shea

Process Flow: 28,800 (GPD) Average

General Information and type of wastewater treatment	<p>HonorHealth Shea Medical Center is a part of the HonorHealth network of hospitals. It is a full-service hospital (SIC 8062) and is permitted as a non-categorical Significant Industrial User (SIU). HonorHealth utilizes Best Management Practices (BMPs) as their primary treatment of process wastewater. There is no physical pretreatment system in place.</p>
First Quarter	<p>The city conducted one day of sampling during the quarter. HonorHealth – Shea conducted their required quarterly self-monitoring. No enforcement actions.</p>
Second Quarter	<p>The city conducted one day of sampling during the quarter. HonorHealth – Shea conducted their required quarterly self-monitoring. No enforcement actions.</p>
Third Quarter	<p>The city conducted one day of sampling during the quarter. HonorHealth – Shea conducted their required quarterly self-monitoring. No enforcement actions.</p>
Fourth Quarter	<p>The city conducted one day of sampling during the quarter and inspected the facility once. HonorHealth – Shea conducted their required quarterly self-monitoring. No enforcement actions.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: HONORHEALTH – THOMPSON PEAK

Process Flow: 79,000 (GPD) Average

General Information and type of wastewater treatment	<p>The Thompson Peak location is a part of the HonorHealth network of hospitals. The facility is a full-service hospital with a certified Chest Pain Center, emergency department, and inpatient/outpatient surgery center. HonorHealth – Thompson Peak is a non-categorical Significant Industrial User (SIU) and utilizes pH neutralization in its laboratory sinks and implements Best Management Practices (BMPs). There is no physical pretreatment system in place.</p>
First Quarter	<p>The city conducted one sampling event during the quarter. HonorHealth – Thompson Peak conducted their required quarterly self-monitoring. No enforcement actions.</p>
Second Quarter	<p>The city conducted one sampling event during the quarter. HonorHealth – Thompson Peak conducted their required quarterly self-monitoring. No enforcement actions.</p>
Third Quarter	<p>The city conducted one sampling event during the quarter. HonorHealth – Thompson Peak conducted their required quarterly self-monitoring. No enforcement actions.</p>
Fourth Quarter	<p>The city conducted one sampling event during the quarter and inspected the facility once. HonorHealth – Thompson Peak conducted their required quarterly self-monitoring. No enforcement actions.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: MAYO CLINIC

Process Flow: 114,63 gpd (Average)

General Information and type of wastewater treatment	<p>This is a large full-service hospital. Wastewater treatment consists of physical separation via gravity interceptors and stream segregation. Acids that are used in the laboratory are pH neutralized prior to discharge.</p>
First Quarter	<p>City of Scottsdale and Mayo Clinic separately conducted quarterly sample monitoring of the facility.</p>
Second Quarter	<p>City of Scottsdale and Mayo Clinic separately conducted quarterly sample monitoring of the facility.</p>
Third Quarter	<p>City of Scottsdale and Mayo Clinic separately conducted quarterly sample monitoring of the facility.</p>
Fourth Quarter	<p>City of Scottsdale and Mayo Clinic separately conducted quarterly sample monitoring of the facility. An annual inspection was conducted at the Mayo facility by COS staff. An additional inspection of adjacent facilities was conducted on the Johnson Research Center as well.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

SECTION 2.5
CITY OF TEMPE

POTW PRETREATMENT ANNUAL REPORT

CITY OF TEMPE, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2019 through 12/31/2019

Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment Plant

NPDES Permit Number: AZ0020524

Person to Contact Concerning City of Phoenix Information Contained in the Report:

Richard Dalton
Environmental Compliance Supervisor
Post Office Box 5002
Tempe, Arizona 85280
480-350-2851

As required by 40 C.F.R. Section 122.22(b)(2):

I certify under penalty of law that all CITY OF TEMPE attachments contained in this document 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.

1/31/2020
Date:



Tara Ford
Interim Deputy Municipal Utilities Director
Water Utilities Division City of Tempe, Arizona

INTRODUCTION

Tempe, with a population of 185,038, is the eighth largest city in the State of Arizona. Tempe is located in the heart of the Phoenix metropolitan area and borders the cities of Scottsdale, Mesa, Phoenix and Chandler. The average annual rainfall is 9.33 inches, the average high temperature is 87.3°F, the average low temperature is 55.3°F, and the combined average temperature is 71.3°F.

Charles Trumbull Hayden founded the City in 1872 when he established Hayden Milling and Farming Ditch Company (at one time, Hayden Flour Mills was the oldest continuously operating business in the State). Tempe, incorporated in 1894, presently encompasses approximately 40 square miles, at an elevation of 1,140 feet. The Town of Guadalupe is also a part of the Tempe service area, with a land area of 0.667 square miles, and a population of 6,525.

As a major city in the Metro Phoenix area, Tempe has a diversified economic base. It is primarily a manufacturing city, with firms including producers of electronics, propulsion equipment, advanced medical equipment, pre-fabricated housing, machine products and mobile homes. In addition, there are commercial services, shopping centers, banking, developers, lodging and the spectrum of services necessary to support the economic base.. Tempe has industrial parks, which house heavy, medium, and light industrial activities. The economy of Tempe employs 97,901, and the largest workforce sectors are educational services, food services, industrial and retail trade.

Tempe is home to Arizona State University's (ASU) main campus. ASU is one of the five largest public universities in the nation, with an enrollment of approximately 73,000 students, with the majority of the students at Tempe's 661-acre main campus. Tempe is also home to the 320-acre Arizona State University Research Park.

The United States Environmental Protection Agency (EPA) approved the Industrial Waste Pretreatment Program for Tempe in 1983. The objective of this program is to regulate discharges, primarily from non-domestic users (commercial and industrial facilities), which discharge toxic or unusually strong conventional wastes that must be treated by the POTW (Publicly Owned Treatment Works). Discharges from these facilities are regulated by enforcing federal standards prohibiting certain discharges, enforcing national categorical standards, and enforcing local discharge limits.

Summary of Pretreatment Program Changes

January 1, 2019 through December 31, 2019

In 2019, the Public Works Department divided into two newly created departments. The Industrial Pretreatment Program remains under the oversight of the Water Utilities Division, which is part of the newly created Municipal Utilities Department. The organizational restructure does not impact the Program.

Two Significant Industrial User (“SIU”) closed their Tempe operations in 2019, and one SIU had their permit status changed from a Categorical Industrial User to a SIU by virtue of wastewater discharge volume. Additionally, a Non-SIU had their permit discharge status reclassified to an SIU by virtue of wastewater discharge volume, and SIU changed their name to reflect a transfer of property management.

The Fats Oils and Grease (“FOG”) program and the Tempe Grease Cooperative (“TGC”) formed into an independent team with a single supervisor dedicated to the respective programs. This has enabled Tempe to put a greater emphasis on the FOG source control program as a whole.

A Capital Improvement Project is underway for the sewer capacity upgrade proposed in 2018, and the impacted SIU has tentatively agreed to reimburse the city’s cost to complete the project. Construction has begun and the projected is scheduled to be completed in 2020.

Two pretreatment compliance technology solutions, procured in 2018, are now in full operation. One solution supports the FOG and TGC program and the other manages Industrial User compliance, non-permitted commercial/industrial users, and stormwater inspection activity.

The Environmental Compliance Inspection team is at a staff level of six inspectors, and one supervisor; and the FOG/TGC team has a staff of one inspector, one program assistant, and a program supervisor.

All inspections are conducted in a multi-media capacity where each Inspector identifies pretreatment (SIU, IU, FOG, and commercial), stormwater (City Code), and cross connection control compliance, and acts as a liaison for air quality concerns.

As of December 31, 2019, TGC membership consists of 216 food service establishments and four permitted IUs are members of the TGC. Information about the Tempe Grease Cooperative is available at <http://www.tempe.gov/grease>.

Tempe is currently in the process of reviewing, and updating its Sewer Use Ordinance, Enforcement Response Plan, and Rules and Producers for Traps and Interceptors,

CITY OF TEMPE

Annual Best Management Practices Report

**Pollution Prevention through Point Source Control Measures
&
Educational Outreach Program Efforts
for January 1, 2019 through December 31, 2019**

CITY OF TEMPE

2019 ANNUAL BEST MANAGEMENT PRACTICES REPORT OF POLLUTION PREVENTION THROUGH POINT SOURCE CONTROL MEASURES & EDUCATIONAL OUTREACH PROGRAM EFFORTS

POLLUTION PREVENTION THROUGH POINT SOURCE CONTROL PROGRAMS

Information shown constitutes continuous and ongoing efforts by the City of Tempe Environmental Services Section staff to prevent, reduce, and/or eliminate pollutants from entering the sewer collection system.

POINT SOURCE CONTROL PROGRAM

The City of Tempe continues its efforts to identify controllable sources of pollutants discharged to the regional 91st Avenue Wastewater Treatment Plant, located within the City of Phoenix. The City continues to monitor potential commercial and industrial users to identify possible sources of arsenic, chromium, copper, cyanide, lead, nickel, selenium, zinc, Total Toxic Organic Compounds (“TTO”), other prohibited materials, and materials identified at industrial facilities currently under permit with the City of Tempe.

The City continues its efforts in meeting the requirements of the Storm Water Discharge National Pollution Discharge Elimination System (“NPDES”) Permit. The Environmental Services Section continues to develop an Annual Storm Sewer Discharge Report for the City of Tempe each fiscal year in accordance with AZPDES permit AZS000005-2010. Staff members continue to gather information required by the permit.

CITY OF TEMPE PERMANENT HOUSEHOLD PRODUCTS COLLECTION CENTER (HPCC)

The City of Tempe is committed to responding to the needs of its citizens and protecting the environment. The permanent Household Products Collection Center enables the City of Tempe to:

- Provide for the safe and convenient disposal of most common household products on a continuous basis;
- Enhance recycling of collected materials;
- Protect the environment and public health and safety by reducing the amount of illegal dumping; and
- Provide public education on the proper management of household chemicals.

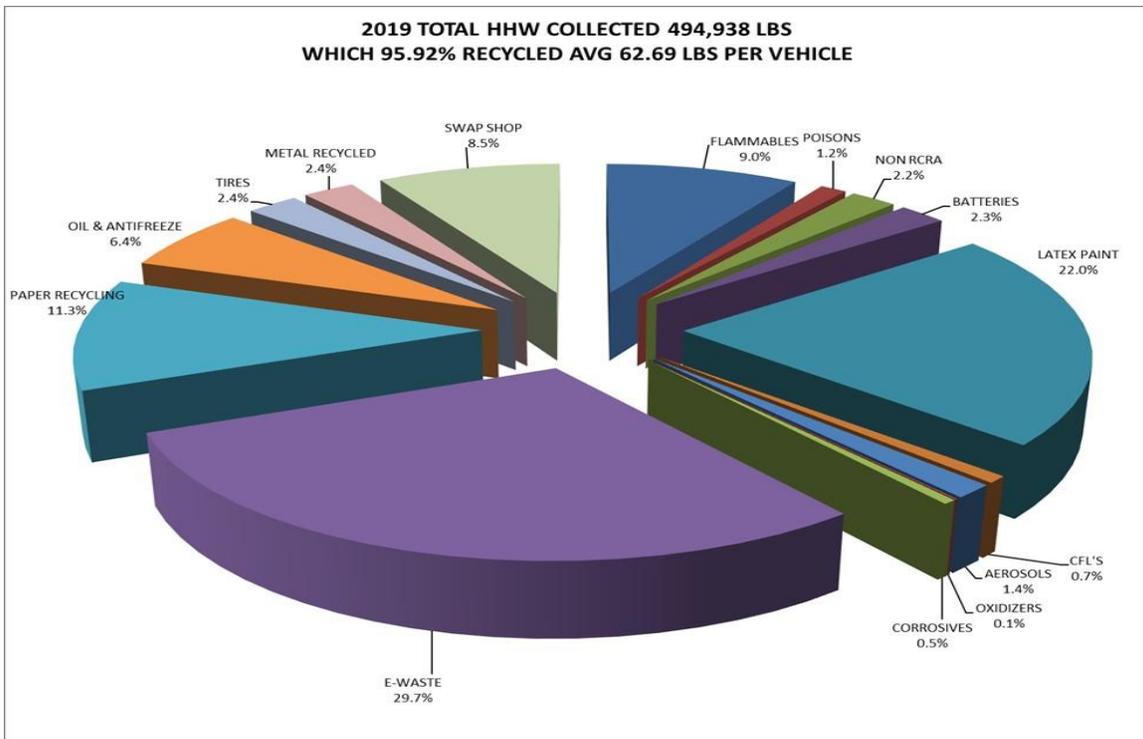
Participation at the facility has increased by 4 percent in 2019 with 7,895 visitors, which resulted in a 10% decrease with the diversion of 494,938 pounds of waste that could have otherwise been disposed of in a landfill or sanitary sewer system.

The HPPC is not able to accept radioactive materials, medical waste, ammunition, or explosive materials. Information on proper disposal options for these materials is provided at the facility, and available on their website at: www.tempe.gov/householdproducts.

The establishment of the Swap Area, which enables residents to reuse virgin or near-virgin household materials, is one of the many source reduction activities the City is utilizing at the Collection Center. Others include the:

- Evacuation of aerosol cans and bulking the waste propellant and product;
- Recycling of metal containers and cardboard;
- Bulking of common materials instead of lab packing them for disposal;
- Bulking of latex paint, which is then provided free-of-charge to various organizations for graffiti removal or is used in the construction of new roadways; and
- Recycling of used motor oil and antifreeze for post-consumer use.

The City's Municipal Utilities Department operates and manages the HPCC, and the facility is funded by solid waste rates and an annual contribution from the



water/wastewater fund.

A complete report produced by the Household Products Collection Center staff is available on their website at: www.tempe.gov/householdproducts.

ENVIRONMENTAL SERVICES SECTION WEBPAGE

The City's Internet system provides information on various Departments throughout the City, including the Environmental Services Section ("ESS"). This site includes information on staffing, information request forms, City activities, weather, job openings, and an array of other City business, including compliance and enforcement actions within the Environmental Services Section. ESS continues to revise and update its Internet website within the City's home page, which is available to businesses and residents 24 hours a day, 365 days a year. This includes pollution prevention and source control information, materials on current Best Management Practices (BMPs), and information regarding public outreach events. Access to online test entry in support of the Cross Connection Control Program is also available on the website. Tempe's ESS website at www.tempe.gov/government/public-works/water/environmental.

ESS has developed, and regularly updates, a document and information section on its website. This allows a permitted industry to complete both the semiannual and/or annual reports online, save, and print for submittal.

RESIDENTIAL COMMUNITY OUTREACH – TEMPE TODAY

Tempe Today is a newsletter of events and activities, as well as informational inserts, provided to the residents of Tempe in the monthly water bills. The articles listed below highlight some of Tempe's pollution prevention activity in 2019. All newsletters and inserts are available at www.tempe.gov/tempe today.

January 2019 included a page ribbon titled "*What do residents ask Tempe 311?*" The update advised Tempe residents to bring household chemicals and other waste that should not go down the drain or into trash container to the city's Household Products Collection Center. More information is available at www.tempe.gov/SMART.

February 2019 also included an update with the title "*When in Doubt Throw it Out*" to promote awareness related to proper recycling practice, and to remind residents to not dispose of trash, chemicals, or automotive products in the recycling bins. Additionally, the article provided guidance as which household items this applied to. Additionally, there was a reminder that Tempe holds four annual Zero Waste Day Events. More information is available at www.tempe.gov/SMART.

March 2019 included an article with the title, "*Geeks Night Out returns March 20*". Geeks Night Out is an event where science, technology and engineering are blended into an evening of educational and fun activities. The Environmental Service Section participated in this event by providing a demonstration of the impact that Fats, Oils, & Grease ("FOG") has on the environment, and how to remove it at the source prior to entry, and what residents can do to minimize introduction of FOG into the sewer system at their residence with simple BMP information. More information about Geeks Night Out is available at www.tempe.gov/geeks.

March 2019 included a ribbon advising residents that the next Zero Waste Day about the April 2019. More information is available at www.tempe.gov/SMART.

March 2019 -also included an article with the title, *“Turn in old, expired meds”*, which highlighted Tempe’s partnership with the Arizona Drug Enforcement Administration to host a “take back” that allows residents to properly dispose of prescription and non-prescription medication in an environmentally responsible manner and thereby keep it out of the sewer system. The article advised residents of a disposal event on April 27, 2019 at the Apache Police Substation and the downtown Police Headquarters.

April 2019 included a ribbon with the title *“5 Ways to Celebrate Earth Day”* to promote Earth Day 2019 and to highlight the earth friendly services available to Tempe residents. The article advised residents that Tempe collects bulk green organic waste and will provide residents with a dedicate bin. More information about green organic collection is available at www.tempe.gov/GreenOrganics. It also reminded residents the Tempe Household Product Collection Center was celebrating it’s 20th anniversary on Earth Day 2019. More information about the Household Product Collection Center is available at www.tempe.gov/HHW. Additionally, the article discussed water conservation, Tempe’s Climate Action Plan, and the benefits of Public Transportation on urban air quality. More information about these areas is available at www.tempe.gov/SustainableTempe.

April 2019 included a ribbon reminding residents about the upcoming Zero Waste Day. The Zero Waste Day provided the platform to get rid of unnecessary clutter in an environmentally responsible way. Residents were able to drop off e-waste, hazardous household items, and documents, and the City recycled or donated items to charity as appropriate. The City also gave away free recycled paint and Tempe-produced compost, both free of charge. More information about Zero Waste Days is available at www.tempe.gov/ZeroWaste.

May 2019 included an article with the title *“Are you monsoon ready?”* that explained to residents how stormwater can be protected by avoiding the use of pesticides, herbicides, fertilizers and other outdoor chemical products when rain is likely. It also highlighted that by properly storing these chemicals under cover and cleaning up spills immediately after they occur, residents could prevent the introduction of these chemicals into a waterway. More information on monsoon safety is available at www.tempe.gov/monsoons and www.tempe.gov/stormwater.

May 2019 included an article with the title *“Help Tempe recycle right”* that provided residents with bullet point line items that are considered contaminated recycling and should not be placed in the curbside bin. More information about Tempe Recycling is available at www.tempe.gov/RecycleRight.

June 2019 included an article with the title *“Successful spring training food waste program”*. Tempe staff separated food waste and delivered it to Phoenix’s new food and compost facility. During the 17-game spring training pilot, Tempe staff hauled 6.33 tons of food, 7.79 tons of recycling and 30.86 tons of trash. To learn

more about Tempe's solid waste and recycling programs. More information about food waste management is available at www.tempe.gov/SMART.

June 2019 included an article with the title "*Monsoon 2019*" that advised resident about the importance of a "*3-day disaster supply kit*". The article also provided resident guidance as to how they can minimize the impact to, and help protect the stormwater system, during a monsoon storm. The article also highlighted a 10 percent discount on roll-off rentals used to collect downed tree scrubs and other green organic material. More information about stormwater protection and the impact of monsoon storms is available at www.tempe.gov/stormwater and www.tempe.gov/monsoons.

July 2019 included an article with the title "*Separate trash & organics*" that provided residents with guidance and information related to properly separating green organics from standard and bulk trash in alleyways. More information about proper waste separation is available at www.tempe.gov/SMART

August 2019 included an article with the title "*GAIN kick off meeting*" that announced the September 2019 Getting Arizona Involved in Neighborhoods (GAIN) kickoff event. Tempe staff distributed educational material and were on-hand to discuss environmental programs with residents and neighborhood leaders. More information is available at www.tempe.gov/GAIN.

September 2019 included a ribbon that announced the October 2019 Getting Arizona Involved in Neighborhoods (GAIN) event. Tempe staff distributed educational material and were on-hand to discuss environmental programs with residents and neighborhood leaders. More information is available at www.tempe.gov/GAIN

October 2019 included a ribbon that announced the November 2019 Zero Waste Day Event at the Tempe Fire Training Center. More information about Zero Waste Days is available at www.tempe.gov/ZeroWaste.

October 2019 included a ribbon that announced the 2019 ASU Homecoming Parade along University Drive. Tempe staff distributed environmental outreach material related to recycling, stormwater protection, and waste management. More information about ASU Homecoming is available at www.asu.edu/homecoming.

October 2019 included an article with the title "*Expired drugs around the house? Bring them for proper disposal*" which highlighted Tempe's partnership with the Arizona Drug Enforcement Administration to host a "take back" that allows residents to properly dispose of prescription and non-prescription medication in an environmentally responsible manner and thereby keep it out of the sewer system. The article advised residents of a disposal event on October 26, 2019 at the Tempe South Substation.

November 2019 included an article with the title “*Recycle your holiday cooking grease*” which reminded residents that holiday cooking creates a significant amount of grease, which causes harm to the environment and residential plumbing. As a way to decrease the harmful effects, the City of Tempe established various drop off locations for residents to recycle their used grease.

December 2019 included an article with the title “*City adopts first Climate Action Plan*”. The article announced that Tempe has become the second city in Arizona to adopt a Climate Action Plan (CAP), identifying ways to reduce the city’s greenhouse gas emissions and prepare for climate change. The City Council voted unanimously to adopt the plan. More information on the Climate Action Plan is available at www.tempe.gov/government/sustainable-tempe/climate-action-plan-21063.

December 2019 included an article with the title “*Recycle your holiday tree*” that provided Tempe residents with education about, and an option to dispose, used holiday trees. The city offered residents two locations where they could drop off old holiday trees for proper disposal.

Flyers and other outreach material was distributed to individuals attending public events including the Zero Waste Days, the spring and winter Tempe Arts Festival, and the 2019 Arizona State University Homecoming Parade, as well as other outreach events attended by city staff.

Environmental Services staff participates on the working committee that is in partnership with ASU to contribute support opioid reduction and outreach through collecting wastewater samples at several points for analysis. Additional information is available at www.tempe.gov/opioids.

INDUSTRIAL AND COMMERCIAL INSPECTIONS AND COMMUNITY OUTREACH

The City of Tempe continues its public education outreach program by placing articles on pollution prevention, household recycling, and Best Management Practices (BMPs) in the *Tempe Today* newsletter. In addition, the publication of the *Tempe Environmental Bulletin*, a quarterly newsletter in electronic format, is distributed to Tempe Industrial Users and contains articles on pollution prevention.

Best Management Practices (BMPs) brochures including: “*Fats, Oils and Grease (FOG) Management for the Food Service Industry*”, and “*Why Does the City of Tempe Perform Industrial/Commercial Facility Inspections?*” and additional relevant documents are given to commercial or industrial facilities during site inspections as appropriate. These documents are available, along with other BMP brochures at www.tempe.gov/stormwatertips.

As reported in the Pretreatment Performance Summary, staff performed 35 inspections at Significant Industrial Users (SIUs). ESS staff conducted an additional 12 inspections at Industrial Users permitted with either a Class II, III, or IV discharge permit during the period of January 1, 2019 through December 31, 2019.

The City received and responded to 272 calls during the 2019 calendar year. ESS staff works closely with other sections of the Water Utilities Division and other City Departments to prevent discharges to both the sanitary and storm sewers that could adversely affect the system. The responses to the calls are summarized in the following manner:

Type of Call/Complaint	Count
Illegal Discharge (all types of waste)	21
FOG Related	55
Odor	64
Other (Dust, Illegal Disposal)	72
SSO (16 Private; 4 City)	20
Storm water	40

During 2019, 865 City sampling events were completed; 413 of these events took place at categorical facilities, and the remaining 451 events were at non-categorical facilities. Permitted Industrial Users conducted a combined 1303 of their own sampling events in 2019 as well.

Staff performed 151 non-food service commercial walk-through inspections.

FATS, OILS, AND GREASE (FOG) PROGRAM

Between January 1, 2019 and December 31, 2019, 280 commercial FOG inspections were performed at food service establishments (FSEs).

Additionally, the City continues to maintain the Tempe Grease Cooperative, a compliance assistance program that allows FSEs to receive grease control device pump out services through city-procured contracts. City staff received and reviewed the service manifests for compliance for each of the 1,613 pump out services that occurred in 2019 under this program.

PROFESSIONAL ASSOCIATIONS

ESS Staff are actively involved in various environmental, health and safety organizations such as the AZ Water Association (“AZ Water”), North American Hazardous Material Management Association (NAHMMA”), and the Water Environment Federation (“WEF”).

CITY OF TEMPE

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2019 – December 31, 2019 – Total Pretreatment Expenditures *\$2,149,561

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2018</u>	<u>FTEs 2019</u>
Deputy Director Municipal Utilities – Water Utilities	1.0	1.0
Environmental Services Manager	1.0	1.0
Environmental Compliance Supervisor	1.0	1.0
Environmental Compliance Inspector	7.0	7.0
Water Quality Specialist	4.0	4.0
Environmental Service Program Assistant	1.0	1.0
Management Assistant II	1.0	1.0
Water Utilities Business Liaison	1.0	0.0
Administrative Assistant II	1.0	1.0

PRETREATMENT PROGRAM EXPENDITURES

Personnel	\$1,245,087
Equipment Operation & Maintenance	\$185,050
Laboratory	\$355,000
Pollution Prevention	**\$364,424

*Based on Fiscal Year 18/19 and 19/20 Budget Reports

**Estimated Value + Tempe Grease Cooperative Expenses

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2019</u>	<u>Total 2019***</u>
ISCO Wastewater Sampler	3	30
ISCO Area Velocity Meters	5	10
ISCO Flow Meter Modules (pH/ultra-sonic)	2	10
ISCO Laser Flow Meters	0	5
Vehicles	1	13
Gas Detectors	0	5
Computers (desktop/laptop)	1	16

*** Some equipment was refreshed in 2019

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
1.	Acme Aerospace Inc. 528 West 21st Street Tempe AZ 85282	COP 91 st Ave	3692	461.15
2.	Advotech 632 West 24th Street Tempe AZ 85282	COP 91 st Ave	3674	469.18
3.	APS 1500 East University Drive Tempe AZ 85281	COP 91 st Ave	4911	423.16
4.	Arizona Finishing 2400 South Roosevelt Tempe, AZ 85282	COP 91 st Ave	3479	433.17
5.	Arizona Production & Packaging 7303 South Kyrene Road Tempe AZ 85283	COP 91 st Ave	2086	LOCAL LIMITS
6.	Arizona State University 1551 South Rural Road Tempe AZ 85281	COP 91 st Ave	8221	LOCAL LIMITS
7.	Arizona State University Macro Technology Works 7700 South River Parkway Tempe AZ 85284	COP 91 st Ave	3679	LOCAL LIMITS
8.	Coxreels, Inc 5865 South Ash Avenue Tempe AZ 85283	COP 91 st Ave	3499	433.17
9.	Foresight Finishing LLC 236 West Lodge Drive Tempe AZ 85283	COP 91 st Ave	3471	433.17
10.	Gorilla Industrial Coatings LLC 2605 South Industrial Park Avenue Tempe AZ 85282	COP 91 st Ave	3479	433.17
11.	Group Manufacturing 815 W Geneva Drive Tempe AZ 85282	COP 91 st Ave	3444	433.17
12.	Harrison Properties 1115 West Alameda Drive Tempe AZ 85282	COP 91 st Ave	2026	LOCAL LIMITS
13.	Honeywell International, Inc. 1300 W Warner Road Tempe AZ 85284	COP 91 st Ave	3471	433.17
14.	HSIO Circuit Technologies LLC 610 South Rockford Drive Tempe AZ 85281	COP 91 st Ave	3672	433.17
15.	L-3 Communications Corporation ETO 1215 South 52nd Street Tempe AZ 85281	COP 91 st Ave	3672	433.15
16.	Lawrence Semiconductor Research Laboratory Inc 2300 West Huntington Drive Tempe AZ 85282	COP 91 st Ave	3674	469.18
17.	Medtronic Microelectronics Center 2343 West Medtronic Way Tempe AZ 85281	COP 91 st Ave	3674	433.17/ 469.18

COMPANY NAME AND ADDRESS		WWTP	SIC Code	Regulation
18.	Microchip Technology Inc. 1200 South 52nd Street Tempe AZ 85281	COP 91 st Ave	3674	469.18
19.	Photo Design Of Arizona 3105 South Potter Drive Tempe AZ 85282	COP 91 st Ave	3479	433.17
20.	Precision Die & Stamping 1704 West 10th Street Tempe AZ 85281	COP 91 st Ave	3469	433.17
21.	Precision Powdercoat 1616 South Edward Tempe AZ 85281	COP 91 st Ave	3479	433.17
22.	Schreiber Foods Inc. 2122 South Hardy Drive Tempe AZ 85282	COP 91 st Ave	2022	LOCAL LIMITS
23.	Solar Junction Corporation 2507 West Geneva Drive Tempe AZ 85282	COP 91 st Ave	3471	469.18
24.	Southwest Metal Finishing Inc. 2002 West Campus Tempe AZ 85282	COP 91 st Ave	3471	433.17
25.	SRP K7GS 7005 South Kyrene Road Tempe AZ 85283	COP 91 st Ave	4911	423.16
26.	Sun Orchard, Inc 1198 West Fairmont Drive Tempe AZ 85282	COP 91 st Ave	2033	LOCAL LIMITS
27.	Swire Coca-Cola, USA - Tempe Production Center1850 West Elliot Road Tempe, AZ 85284	COP 91 st Ave	2086	LOCAL LIMITS
28.	Trion Technology Inc 1025 South 52nd Street Tempe AZ 85281	COP 91 st Ave	3674	469.18
29.	United Dairymen Of Arizona 2008 South Hardy Drive Tempe AZ 85282	COP 91 st Ave	2023	LOCAL LIMITS
30.	Versum Materials US, LLC 8555 South River Parkway Tempe, Arizona 85284	COP 91 st Ave	2889	LOCAL LIMITS

ADDITIONS

The following Significant Industrial Users have commenced operations in 2019:

None

DELETIONS

The following Significant Industrial Users have ceased operations in 2019:

Advanced Circuits
229 South Clark Street
Tempe AZ 85281

HSIO Circuit Technologies LLC.
610 South Rockford Drive
Tempe, AZ 85281

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2019:

APS
1500 East University Drive
Tempe AZ 85281

- From a Categorical Industrial User under 40 CFR 423.17 to a Significant Industrial User by volume of daily effluent discharge >25,000 GPD

Versum Materials US, LLC
8555 South River Parkway
Tempe, Arizona 85284

- From a Class II Industrial User under 40 CFR 403.5 Local Limits to a Significant Industrial User by volume of daily effluent discharge > 25,000 GPD

NAME CHANGES

The following Significant Industrial Users changed their names in 2019:

Albertsons/Safeway Inc.
1115 West Alameda Drive
Tempe AZ 85282

IS NOW

Harrison Properties
1115 West Alameda Drive
Tempe AZ 85282

City of Tempe
PRETREATMENT PERFORMANCE SUMMARY
91st Avenue Wastewater Treatment Plant

I. General Information							
Control Authority Name: City of Tempe			NPDES No.: AZ0020524				
Address: P.O. Box 5002		City: Tempe		State: Arizona		ZIP: 85282	
Contact Person: Richard Dalton				Contact Telephone Number: (480)350-2851			
Reporting Period: January 1 – December 31, 2019			Categorical IUs: 21		Significant Non-Categorical IUs: 10		
II. Significant Industrial User Compliance							
		Categorical		Non-categorical		Total SIUs	
		No.	%	No.	%	No.	%
1.	No. of SIUs in Full Compliance	21	100	6	60.00	27	87.10
2.	No. of SIUs in Inconsistent Compliance	0	0	4	40.00	4	12.90
3.	No. of SIUs in Significant Noncompliance	0	0.00	0	0.00	0	0.00
4.	No. of Parameter Violations	0		10		10	
5.	No. of Reporting Violations	0		0		0	
6.	No. of Permit Condition Violations	0		1		1	
III. Compliance Monitoring Program							
		Categorical		Non-categorical		Total SIUs	
		No.	%	No.	%	No.	%
1.	No. of Control Documents Issued	9		4		13	
2.	No. of Non-sampling Inspections Conducted	26		9		35	
3.	No. of Facilities Inspected (Non-sampling)	21		10		31	
4.	No. of Sampling Visits Conducted	413		451		864	
5.	No. of Facilities Sampled	20		10		31	
IV. Enforcement Actions							
		Categorical		Non-categorical		Total SIUs	
		No.	%	No.	%	No.	%
1.	Notices of Violations Issued to SIUs	0		11		11	
2.	Temporary Increase in IU Self-Monitoring	0		0		0	
3.	Administrative Orders Issued to SIUs	0		11		11	
4.	Compliance Schedules Issued	0		0		0	
5.	Settlement Agreements	0		1		1	
6.	Other Actions	0		1		1	
7.	Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$0.00		\$ 27,500.00		\$27,500.00 (\$17,500.00 Collected)	

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Acme Aerospace Inc.
 Process Flow: 0.000376 MGD

General Information and type of wastewater treatment	<p>Acme Aerospace is a manufacturer of nickel/cadmium batteries and charging systems for the industrial, commercial, transportation, and aerospace industries, as well as several military applications. Acme is regulated under 40 CFR 461 - Subpart A, Cadmium Subcategory of the Battery Manufacturing Point Source Category.</p> <p>Nickel plating waste undergoes ion exchange, alkaline precipitation and filtration. Treatment is done in batch format. Acme self-monitors each batch discharge.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Advanced Circuits

Process Flow: 0.024008 MGD

General Information and type of wastewater treatment	<p>Advanced Circuits is a manufacturer of printed circuit boards as described under 40 CFR 433.</p> <p>Pretreatment is by alkaline precipitation and filtration. Final effluent is pH corrected prior to discharge. Advanced Circuits is required to self-monitor discharges. Cyanide processes and solutions are zero discharge.</p>
First Quarter	<p>An Industrial inspection was performed was performed in the 3rd quarter of 2019</p>
Second Quarter	<p>Upon expiration, Advanced Circuits Industrial Discharge was not renewed do to process operations being off site and the lease terminating.</p>
Third Quarter	<p>Sampling was performed at the location in the 3rd quarter to verify discharge activity was not occurring</p>
Fourth Quarter	<p>A visual inspection of the property will be performed in 2020 to verify all equipment was removed.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Advotech
 Process Flow: 0.0015 MGD

General Information and type of wastewater treatment	<p>Advotech is permitted as a Class I Significant Industrial User under CFR 469 - Electrical and Electronic Components Point Source Category, Subpart A - Semiconductor Subcategory (469.18 PSNS) due to dicing operations.</p> <p>Wastewater is pumped through a 25-micron filter, then a 1-micron filter. Once through the filters, the water dumps into a 120-gallon holding tank. The wastewater is then discharged to a floor sink by gravity; from there, it enters the City of Tempe sanitary sewer system.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>Advotech was reissued an Industrial Discharge Permit in the 3rd Quarter of 2019</p>
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: APS
 Process Flow: 0.069306 MGD

General Information and type of wastewater treatment	<p>This facility consists of five 100-megawatt and two 55-megawatt natural gas combustion turbine electric generators; regulated as 40 CFR 403 (local limits).</p> <p>The primary wastewater is the result of cooling tower blow downs. Arizona Public Service (A.P.S.) Company operates this facility on a seasonal basis.</p>
First Quarter	<p>APS decommissioned both steam generation units and installed 5 new General Electric LMS100 quick-start, natural gas-fired, 102-megawatt combustion generation units. APS will continue to use both 1972 General Electric 55-megawatt combustion turbine units originally permitted.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona Finishing

Process Flow: 0.0033 MGD

General Information and type of wastewater treatment	<p>Arizona Finishing conducts powder coating and painting of metal and plastic parts with the use of an alkaline cleaner, rinsed and coated with a phosphate-free coating prior to powder or spray coating. These processes are defined in the Code of Federal Regulations under 40 CFR 403, Part 433, Subpart A</p> <p>Pretreatment is pH neutralization and continuous pH monitoring of the effluent prior to discharge. Discharges include; overflow from the alkaline cleaning tank, overflow from the two water-rinsing tanks, and overflow from the phosphating tank.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Arizona Production & Packaging		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 7303 South Kyrene Road Tempe, AZ 85283		MAILING ADDRESS: 7303 South Kyrene Road Tempe, AZ 85283		
CATEGORICAL USER? No	40 CFR 403	LIMITS APPENDIX: T-A	BMR SUBMITTED: 3/10/2004	
TTO CERTIFICATION DATE SUBMITTED: 8/6/2019	PERMIT EFFECTIVE: 4/10/2019		PERMIT EXPIRES: 4/9/2023	
SAMPLING LOCATION VERIFIED ON: 6/21/2019	RCRA NOTICE: 11/16/2004			
SLUG CONTROL PLAN EVALUATION DATE: 3/6/2018	COMPLIANCE SAMPLING POINT No: 5045			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	3	3	12	5
Number of IU Sampling Days	0	0	0	0
Number of Parameter Violations	1	0	3	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	1	0	0
Compliance Status	I	I	I	I
Evaluated as of:	03/31/2019	06/30/2019	9/30/2019	12/31/2019

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Instantaneous	01/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
2 nd	Permit Condition	06/2019	N/A	N/A	N/A	** Failure to meet Special Requirements **		
3 rd	Instantaneous	7/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
3 rd	Instantaneous	8/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
4 th	Instantaneous	10/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A, B	N	A,B,F	A,B,F		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona Production & Packaging
 Process Flow: 0.366893 MGD

General Information and type of wastewater treatment	<p>APP bottles both vitamin and herbal dietary supplements.</p> <p>All cleaning solutions used in the CIP system are adjusted with either an acid or sodium hydroxide to meet Local Limit pH standards. All batches are sampled for pH and logged prior to discharge.</p>
First Quarter	<p>Arizona Production & Packaging had two pH exceedances in January 2019. A Notice of Violation/Administrative Order, ("NOV/AO") was issued in the 1st quarter of 2019.</p>
Second Quarter	<p>Arizona Production & Packaging had a permit condition violation observed during annual inspection in June. A Notice of Violation/Administrative Order, ("NOV/AO") was issued in the 3rd quarter of 2019. A new Industrial discharge permit was issued in the 2nd quarter of 2019.</p>
Third Quarter	<p>Arizona Production & Packaging had two pH exceedances in July, and a pH exceedance in August 2019. A Notice of Violation/Administrative Order, ("NOV/AO") was issued in the 4th quarter of 2019.</p>
Fourth Quarter	<p>Arizona Production & Packaging had a pH exceedances in October 2019. A Notice of Violation/Administrative Order, ("NOV/AO") was issued in the 4th quarter of 2019. Penalties assessed shall be collected in 2020.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 13,750 Collected \$ 3,750

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona State University
 Process Flow: 1.009 MGD

General Information and type of wastewater treatment	<p>Regulated wastes are generated from several sources on this campus. Those sources are: Science Buildings, the Physical Plant, and the Fine Arts Building. These are being sampled by ASU. The private sewer system that connects with the City of Tempe collection system is sampled by Tempe. There are four sampling points that are outlined in the discharge permit.</p> <p>The hazardous waste is lab packed and shipped off-site by a contracted waste hauler.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona State University Macro Technology Works
 Process Flow: 0.0522 MGD

General Information and type of wastewater treatment	<p>The Arizona State University Research Lab is a research facility in partnership with the following firms: DuPont Displays, Kodak, Honeywell, General Dynamics, Raytheon, Universal Display Corp., Kent Displays, E Ink, FlexICs, Three-Five Systems, General Atomics, Optiva, ECD, Southwall, the U.S. Display Consortium, and AGI. The primary project to be developed is a small, portable information screen that soldiers could use on the battlefield. The 250,000-square foot facility includes about 43,500 square feet of clean rooms and wet/dry labs that the University will use to develop the technologies that will go into the project.</p> <p>A large treatment facility is available for the wastewater generated. The primary discharge is from the production of RO reject water, which is neutralized prior to discharge. pH monitoring is taking place per the permit requirements. Discharge volumes are currently at an average of 57 gallons per minute.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Coxreels, Inc
 Process Flow: 0.005 MGD

General Information and type of wastewater treatment	<p>Coxreels manufactures metal parts that are assembled into retractable hose reels.</p> <p>Coxreels, Inc manufacturing process includes the coating (phosphating) of metal parts in addition to cleaning, machining, grinding, welding, sand blasting, solvent degreasing, and assembly. The phosphating operation prior to powder coating sheet metal and is regulated under 40 CFR 433-Metal Finishing (PSNS).</p> <p>Pretreatment is pH neutralization prior to discharge along with a sump settling tank. There is also continuous pH monitoring of the effluent prior to discharge.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Foresight Finishing LLC (Lodge Dr)

Process Flow: 0.006846 MGD

General Information and type of wastewater treatment
<p>Foresight Finishing LLC conducts Precious Metal Plating, including: Plating Preparation Process, Copper Cyanide, Nickel Electroplating, Electro-less Nickel Plating, Bright Tin, Palladium, Metal Strips, and Gold Cyanide. These processes are identified in 40 CFR 433 - Metal Finishing Point Source Category and is regulated by 40 CFR 433.17 (PSNS).</p> <p>Foresight Finishing is a precious metals gold plating facility and Foresight Finishing specializes in precious and non-precious metal plating. They provide copper, nickel, and gold plating for the following industries: aerospace, defense, medical, electronic, major OEMS, and general job shop facilities. Pretreatment consists of ion exchange filtration and pH adjustment at the end of the process.</p>
<p>First Quarter</p>
<p>Second Quarter</p>
<p>Third Quarter</p>
<p>Fourth Quarter</p> <p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Gorilla Industrial Coatings LLC
 Process Flow: 0.0059 MGD

General Information and type of wastewater treatment	<p>Gorilla Industrial Coatings is a phosphating and powder coating operation of aluminum or steel. This is a metal finishing operation regulated under 40CFR 433-Metal Finishing Point Source Category, Subpart A-Metal Finishing, Subcategory 433.17-Pretreatment Standards for New Sources (PSNS).</p> <p>Currently, there is no pretreatment of process discharges at this facility. Overflow City water rinses are the only discharges entering the sanitary sewer.</p>
First Quarter	.
Second Quarter	
Third Quarter	
Fourth Quarter	An Industrial Inspection was conducted in 4 th Quarter of 2019.

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Group Manufacturing
 Process Flow: 0.0029 MGD

General Information and type of wastewater treatment	<p>Group Manufacturing performs chromating on base material, which is a coating process identified as one of the six metal finishing operations under 40 CFR 433.17 - Metal Finishing Point Source Category , Subpart A - Metal Finishing Subcategory (PSNS).</p> <p>The wastewater treatment consists of pH nuetralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

CITY OF TEMPE

SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Harrison Properties Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 1115 West Alameda Drive Tempe, AZ 85282		MAILING ADDRESS: 1115 West Alameda Drive Tempe, AZ 85282		
CATEGORICAL USER? No	40 CFR 403	LIMITS APPENDIX: T-A	BMR SUBMITTED: 6/30/1982	
TTO CERTIFICATION DATE SUBMITTED: 7/1/2019		PERMIT EFFECTIVE: 4/1/2019	PERMIT EXPIRES: 3/31/2023	
SAMPLING LOCATION VERIFIED ON: 6/17/2019		RCRA NOTICE: 5/12/1993		
SLUG CONTROL PLAN EVALUATION DATE: 4/4/2019		COMPLIANCE SAMPLING POINT No: 5035		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	3	4	4	7
Number of IU Sampling Days	0	0	0	0
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	I	I	C
Evaluated as of:	03/31/2019	06/30/2019	9/30/2019	12/31/2019

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
 If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Instantaneous	1/2019*	Instantaneous Grab	City	IU	pH*	<5.0 or >10.5 S.U.	Continuous
2 nd	Instantaneous	6/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
3 rd	Instantaneous	9/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A,B,E,F	A,B	A,B,F	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Harrison Prpoerties Inc.
 Process Flow: 0.09607 MGD

General Information and type of wastewater treatment	<p>Harrison Prpoerties Inc. generates process wastewater in the dairy processing operations (CIP) and is regulated under 40 CFR 403.5, Subpart B. Safeway also operates a dry storage area, truck shop with wash rack, and machine shop.</p> <p>Pretreatment is limited to solids removal interceptors and Best Management Practices. The average discharge is 96,000 gpd.</p>
First Quarter	<p>*Albertsons Safeway Inc. was issued a Final Notice of Violation/Administrative in the 4th Quarter of 2018 and 1st Quarter of 2019 for pH violations.</p> <p>*As the transition of property management to Harrison Properties was underway, Albertson Safeway Inc. entered into a Pretreatment Settlement agreement ("PSA") that resulted in a \$2,500 administrative fine to address the pH violations, and smoothly transfer administrative responsibility of the discharge permit to Harrison Properties.</p> <p>Harrison Properties compliance status for the 1st quarter was listed a compliant because the permit was still under Albertsons Safeway and the 1st quarter violation was addressed in the PSA they entered into.</p>
Second Quarter	<p>An Industrial Inspection was conducted in 2nd Quarter of 2019. An Industrial Discharge Permit was issued in the 2nd quarter of 2019. Harrison Properties violated the pH limit in June of 2019. A Notice of Violation was be issued in the 3rd quarter of 2019.</p>
Third Quarter	<p>Harrison Properties was issued a Notice of Violation/Administrative for pH violations in the 2nd quarter of 2019. Harrison Properties violated the pH limit in September of 2019, A Notice of Violation was be issued in the 4th quarter of 2019.</p>
Fourth Quarter	<p>Harrison Properties was issued a Notice of Violation/Administrative for pH violations in the 3rd quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 6,250 Collected \$ 6,250

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International
 Process Flow: 0.022335 MGD

General Information and type of wastewater treatment	<p>Honeywell is a manufacturer of fluid controls, actuation, power transfer, and aerospace system components. The metal finishing of these products is regulated under 40 CFR 433.17.</p> <p>Pretreatment includes metal precipitation, cyanide oxidization, chromium (+6) reduction, and pH adjustment.</p>
First Quarter	
Second Quarter	<p>An Industrial Inspection was conducted in 2nd quarter of 2019. An Industrial Discharge Permit was reissued in the 2nd Quarter of 2019.</p>
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: HSIO Circuit Technologies LLC
 Process Flow: 0.051688 MGD

General Information and type of wastewater treatment	HEI is a manufacturer of printed circuit boards as described under 40 CFR 433. Pretreatment is by alkaline precipitation and filtration. Final effluent is pH corrected prior to discharge.
First Quarter	HSIO Circuit Technologies LLC. was bought by Benchmark Technologies, terminated operations in Tempe and moved to Phoenix, Az. A Final Closure Inspection was performed on 1/28/2019 and their permit was closed on 2/4/2019.
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: L-3 Communications Corporation ETO
 Process Flow: 0.061580 MGD

General Information and type of wastewater treatment	<p>L-3 Communications Company is a manufacturer of optoelectronic crystals and infrared devices used in the production of military hardware. The operations are regulated under 40 CFR 433.15.</p> <p>This wastewater treatment system collects rinses from various process areas located within the facility, and is divided into two separate components. The first component consists of a neutralization system for the treatment of acids and alkali rinses (no metals). The second component is the ProChemTech metals removal system. All industrial wastewater is plumbed into the system and segregated into metal bearing and non-metal bearing waste streams.</p>
First Quarter	<p>An industrial inspection was conducted during the 3rd quarter of 2019. *The existing Accidental Slug Control was evaluated during the 1st quarter inspection.</p>
Second Quarter	
Third Quarter	<p>An Industrial Discharge Permit was reissued in the 3rd quarter of 2019.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Lawrence Semiconductor Research Laboratory Inc		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 2300 West Huntington Drive Tempe, AZ 85282		MAILING ADDRESS: 2300 West Huntington Drive Tempe, AZ 85282		
CATEGORICAL USER? Yes	40 CFR 469	LIMITS APPENDIX: T-F	BMR SUBMITTED: 9/15/1992	
TTO CERTIFICATION DATE SUBMITTED: 7/3/2019		PERMIT EFFECTIVE: 9/25/2018	PERMIT EXPIRES: 9/24/2022	
SAMPLING LOCATION VERIFIED ON: 8/26/2019		RCRA NOTICE: 4/15/1994		
SLUG CONTROL PLAN EVALUATION DATE: 1/29/2019		COMPLIANCE SAMPLING POINT №: 5021		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	6	6	8	8
Number of IU Sampling Days	0	0	0	0
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	03/31/2019	06/30/2019	9/30/2019	12/31/2019

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
 If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Lawrence Semiconductor Research Laboratory Inc
 Process Flow: 0.0431 MGD

General Information and type of wastewater treatment	<p>Lawrence Semiconductor is a manufacturer of semiconductors dealing with vapor deposition equipment as described under 40 CFR 469 A.</p> <p>Pretreatment consists of the addition of sodium hydroxide to the reaction chambers on a continuous basis for pH adjustment. Hydrofluoric acid, used in the pre-cleaning process of the wafers, is neutralized with ammonium hydroxide prior to discharge.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>An Industrial Inspection was conducted in 3rd Quarter of 2019.</p>
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Medtronic Microelectronics Center
 Process Flow: 0.0744 MGD

General Information and type of wastewater treatment	Medtronic Microelectronics Center performs precious metal electroplating regulated under 40 CFR 433.17. The pretreatment process includes metal precipitation, filtration, and continuous pH neutralization. Internal self-monitoring is performed on a daily basis.
First Quarter	The City issued Medtronic Microelectronics Center a new Industrial Discharge Permit on March 1, 2019.
Second Quarter	
Third Quarter	
Fourth Quarter	An Industrial Inspection was conducted in 4 th Quarter of 2019.

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No
 Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Microchip Technology Inc.
 Process Flow: 0.821689 MGD

General Information and type of wastewater treatment	Microchip manufactures semiconductor devices regulated under 40 CFR 469.18 PSNS. Pretreatment consists of pH neutralization, using either sulfuric acid or sodium hydroxide.
First Quarter	
Second Quarter	
Third Quarter	An Industrial Inspection was conducted in 3 rd Quarter of 2019. *The existing Accidental Slug Control was evaluated during the 3 rd quarter inspection.
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Photo Design Of Arizona
 Process Flow: 0.00118 MGD

General Information and type of wastewater treatment	<p>Photo Design of Arizona performs reprographic services which consist of processing film for electronic companies regulated under 40 CFR 433.17, Metal Finishing New Point Source (PSNS).</p> <p>The pretreatment consists of electrolytic and polishing columns which flow to an evaporator and do not enter the sanitary sewer (zero waste discharge). Rinse waters are discharged to the POTW. Photo Design is required to analyze and document all batch discharges.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Precision Die & Stamping

Process Flow: 0.00158 MGD

General Information and type of wastewater treatment	<p>Precision Die & Stamping (PD&S) machines various metal parts regulated under 40CFR 433-Metal Finishing Point Source Category, Subpart A-Metal Finishing, Subcategory 433.17-Pretreatment Standards for New Sources (PSNS).</p> <p>The pretreatment system is an advanced water recycling system, which uses chemical precipitation to remove metals from the wastewater and pH adjustment of the treated effluent.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019. *The existing Accidental Slug Control was evaluated during the 4th quarter inspection.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Precision Powdercoat
 Process Flow: 0.00808 MGD

General Information and type of wastewater treatment	<p>Precision Powdercoat is a phosphater and powder coating operation of stereo amplifiers and speakers. This is a metal finishing operation regulated under 40CFR 433-Metal Finishing Point Source Category, Subpart A-Metal Finishing, Subcategory 433.17-Pretreatment Standards for New Sources (PSNS).</p> <p>Pretreatment of process discharge consists of constant pH monitoring on a strip chart recorder. There is currently no pretreatment of process discharges at this facility. Overflow City water rinses are the only discharges entering the sanitary sewer.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Schreiber Foods Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 2122 South Hardy Drive Tempe, AZ 85282		MAILING ADDRESS: 2122 South Hardy Drive Tempe, AZ 85282		
CATEGORICAL USER? No	40 CFR 403	LIMITS APPENDIX: T-A	BMR SUBMITTED: 3/30/1985	
TTO CERTIFICATION DATE SUBMITTED: 7/10/2019		PERMIT EFFECTIVE: 3/01/2019	PERMIT EXPIRES: 2/28/2023	
SAMPLING LOCATION VERIFIED ON: 11/26/2019		RCRA NOTICE: 6/23/1993		
SLUG CONTROL PLAN EVALUATION DATE: 12/31/2018		COMPLIANCE SAMPLING POINT No: 5036		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	0	1
Number of City Sampling Days	11	14	14	12
Number of IU Sampling Days	90	91	92	92
Number of Parameter Violations	1	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	03/31/2019	06/30/2019	9/30/2019	12/31/2019

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1st	Instantaneous	02//06/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A,B	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Schreiber Foods Inc.

Process Flow: 0.253 MGD

General Information and type of wastewater treatment	Schreiber is a manufacturer of pasteurized processed cheese as defined under 21 CFR 133.169. Discharged wastewater is generated in the cleaning process and is regulated under 40 CFR 405, Subpart F. There are no specific categorical standards under 40 CFR 403.5, Subpart F. pH is adjusted by a Carbon Dioxide (CO2) injection system into a 6000-gal. mixing vault prior to discharging to the sewer.
First Quarter	Schreiber Foods violated pH limits on Feb. 6, 2019. A Notice of Violation was issued in the third quarter of 2019. An Industrial Discharge Permit was reissued in the 1 st quarter of 2019.
Second Quarter	
Third Quarter	A notice of violation was issued in the 3 rd quarter for a pH violation reported in Feb. of 2019.
Fourth Quarter	An Industrial Inspection was conducted in 4 th Quarter of 2019.

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Solar Junction Corp

Process Flow: MGD.074400

General Information and type of wastewater treatment	<p>Solar Junction Corporation conducts multiple final assembly and packaging processes including Photo Lithography, Wet Etching, Deposition, Solvent Cleaning, Oxidation, Wafer Dicing/Grinding, Spin Coating Oven Baking, and Parts Cleaning to produce solar cell products.</p> <p>Wastewater treatment consists of waste concentration and pH adjustment.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Southwest Metal Finishing Inc.

Process Flow: 0.002532 MGD

General Information and type of wastewater treatment	<p>Southwest Metal Finishing performs metal finishing of aluminum parts by means of chemical processing: anodizing and chromic acid dyes. These processes are both listed under 40 CFR 433 - Metal Finishing Category, anodizing and conversion coating.</p> <p>Wastewater pretreatment is conducted through the use of a batch system, using chemical treatment for chromium, nickel removal, and pH neutralization.</p>
First Quarter	
Second Quarter	<p>Southwest Metal Finishing's Industrial Discharge Permit was administratively extended in the 2nd quarter of 2019.</p>
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: SRP - KYRENE GENERATING STATION
 Process Flow: MGD

General Information and type of wastewater treatment	<p>SRP- Kyrene 7 Generating Station (K7GS) consists of two distinct power plants: the KGS is on the east side and Unit K7 is on the west side of a 33 acre site. Electric power generating plants are regulated under 40 CFR 423.10 Steam Electric Power Generating Point Source Category.</p> <p>Well water is sent to a well water holding tank, where it goes into a filtration and chlorination process before being sent to the cooling tower (CT). Other low volume waste water is sent to the CT basin for reuse as cooling water make-up. These waters include HRSG blowdown, evaporative cooler blowdown, RO system reject, and laboratory sampling waters. The CT blowdown and filter backwash water are transferred to a 50,000-gallon wastewater tank prior to final discharge.</p>
First Quarter	<p>SRP is not sampled as a matter of course because their process blowdown wastewater is discharged to a surface water body regulated under an ADEQ issued AZPDES permit. SRP asked to retain the option to conditionally divert and discharge process wastewater into Tempe's Sanitary Sewer under certain circumstances. Discharge conditions are identified in their Industrial User Permit.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Sun Orchard LLC
 Process Flow: 0.033 MGD

General Information and type of wastewater treatment	<p>Sun Orchard is a producer and bottler of fresh orange juice as defined under 21 CFR 146.135. Wastewater consists of residue-rinses and mild chlorinated cleaning solution. This process is regulated under 40 CFR 407, Subpart C and local limits</p> <p>Pretreatment consists of batch pH adjustment. Process solid waste consisting of citrus hulls and excess pulp is recycled into cattle feed.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Swire Coca-Cola, USA - Tempe Production Center
 Process Flow: 0.218035 MGD

General Information and type of wastewater treatment	<p>The City of Tempe regulates Swire Coca-Cola Bottling Company as a Class I Significant Industrial User based on process wastewater discharges of greater than 25,000 gallons per day.</p> <p>The pretreatment consists of two 1500-gallon FOG interceptors, two-stage pH neutralization using CO2 and Sodium Hydroxide, effluent flow monitoring, and online pH monitoring/recording.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>An Industrial Inspection was conducted in 4th Quarter of 2019.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Trion Technology Inc
Process Flow: 0.0000001 MGD

General Information and type of wastewater treatment	Trion Technology is a semiconductor manufacturer aregulated under 40 CFR 469, Subpart A. Process waste is sent to a neutralization tank, where it is adjusted for pH with NaOH.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	An Industrial Inspection was conducted in 4 th Quarter of 2019.

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**CITY OF TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: United Dairymen of Arizona		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 2008 South Hardy Drive Tempe, AZ 85282		MAILING ADDRESS: P.O. Box 26877 Tempe, AZ 85285-6877		
CATEGORICAL USER? No	40 CFR 403	LIMITS APPENDIX: T-A	BMR SUBMITTED: 7/30/1982	
TTO CERTIFICATION DATE SUBMITTED: 8/8/2019		PERMIT EFFECTIVE: 10/1/2018	PERMIT EXPIRES: 9/30/2022	
SAMPLING LOCATION VERIFIED ON: 12/3/2019		RCRA NOTICE: 7/12/1993		
SLUG CONTROL PLAN EVALUATION DATE: 11/16/2018		COMPLIANCE SAMPLING POINT No: 5042		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	1
Number of City Sampling Days	11	14	14	12
Number of IU Sampling Days	90	91	92	92
Number of Parameter Violations	1	0	3	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	I	C
Evaluated as of:	03/31/2019	06/30/2019	9/30/2019	12/31/2019

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1st	Instantaneous	1/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
3rd	Instantaneous	7/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
3rd	Instantaneous	8/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
3rd	Instantaneous	9/2019	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A,B,F	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: United Dairymen of Arizona
 Process Flow: 1.518 MGD

General Information and type of wastewater treatment	<p>United Dairymen of Arizona is a milk receiving station (PSES), no limitations, receiving 7 to 12 million pounds of milk per day. Also on site is a butter manufacturing process (PSES), no limitations, and a dry milk process (PSES), no limitations. The facility is regulated by 40 CFR 405 PSES Subparts A, D, J, and L. All the above Subparts refer back to 40 CFR 403 for enforcement of discharge limitations.</p> <p>The pretreatment consists of a number of interceptors for solids removal and pH neutralization of the final effluent. UDA has installed a high-strength caustic reclaim and BOD/TSS reduction system to reduce its high strength organic loadings and to control the pH of its effluent. UDA has also installed a 7,000-gallon lift vault and a 108,000-gallon surge/storage tank upstream of its final pH adjustment pretreatment system to prevent surcharging its final effluent pH treatment system and to allow for increased contact time for the commingled acid and caustic rinse waters.</p>
First Quarter	<p>UDA violated pH limits in Nov. 2018, the violation was addressed Feb. 13, 2019.</p> <p>UDA violated pH limits in Jan. 2019, the violation was in the 3rd Quarter of 2019.</p>
Second Quarter	
Third Quarter	<p>UDA violated pH limits in Jan. 2019, the violation was addressed Aug. 29, 2019.</p> <p>UDA violated pH limits Jul, 2019, the violation was addressed Sept. 4, 2019.</p> <p>UDA violated pH limits in Aug. and Sept. of 2019, these violations were addressed in the 4th Quarter of 2019.</p>
Fourth Quarter	<p>UDA violated pH limits twice in the 3rd quarter of 2019. The July, 2019 violation was issued on 10/14/2019, and the Sept. 2019 violation was issued on 10/31/2019.</p> <p>Permit conditional daily and peak flow limit exceedances were identified throughout 2019. The City of Tempe with a Developmental agreement with UDA has nearly completed a \$5.4 million capital project to upgrade and upsize the city sewer line from their facility to the transmission main as a means to address a capacity limitation in lieu of formal enforcement action.</p> <p>The project is near completion, and is estimated to be complete the Spring of 2020.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes X No
 Penalties this reporting Year: Assessed \$ 7,500.00 Collected \$ 7,500.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Versum Materials US, LLC
 Process Flow: 0.03779 MGD

General Information and type of wastewater treatment	<p>Versum Materials develops and manufactures colloidal silica sols and particles for electronic applications. On site operations consist of blending specific product formulations and quality assurance testing of blended slurry. Quality assurance testing is performed inside a clean room where wafers and other electronic substrates are polished to smooth finishes.</p>
First Quarter	
Second Quarter	<p>Issued a Class I Significant industrial user permit based on process wastewater discharges of greater than 25,000 GPD. The primary pollutants of concern are pH, COD, TDS and TSS. Versum Materials was granted a timeline for implementation of equipment upgrades to be completed by the end of November 2019.</p>
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No
 Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

SECTION 2.6
TOWN OF GILBERT

POTW PRETREATMENT ANNUAL REPORT

TOWN OF GILBERT, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2019 through 12/31/2019

Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment Plant

NPDES Permit Number: AZ0020524

Person to Contact Concerning City of Gilbert Information Contained in the Report:

Edward Meza
Pretreatment Program Coordinator
900 E. Juniper Avenue
Gilbert, Arizona 85234
480-503-6463

As required by 40 C.F.R. Section 122.22(b)(2):

I certify under penalty of law that all TOWN OF GILBERT attachments contained in this document 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.

1/30/20
Date:

Jessica L Marlow
Jessica Marlow
Public Works Director
Town of Gilbert, Arizona



The Town of Gilbert is a young, affluent community in central Arizona.

In 1902, the Arizona Eastern Railway asked for donations of right of way in order to establish a rail line between Phoenix and Florence. A rail siding was established on property owned by William "Bobby" Gilbert. The siding, and the town that sprung up around it, eventually became known as Gilbert. Gilbert was a prime farming community, fueled by the construction of the Roosevelt Dam and the Eastern and Consolidated Canals in 1911. It remained an agriculture town for many years, and was known as the "Hay Capital of the World" until the late 1920's. Incorporated on July 6, 1920, Gilbert is a relatively new community that has seen tremendous growth during the past three decades.

Gilbert began to take its current shape during the 1970's when the Town Council approved a strip annexation that encompassed 53 square miles of county land. Although the population was only 1,971 in 1970 the Council realized that Gilbert would eventually grow and develop much like the neighboring communities of Tempe, Mesa, and Chandler. This proved to be a farsighted decision as Gilbert positioned itself for growth in the 1980's and beyond. Gilbert's planning area now encompasses 73 square miles.

Gilbert has experienced a rapid transition from a historically agriculture-based community to an urban center and suburb in the Phoenix Metropolitan Area. In the last thirty-four years Gilbert has grown at a pace unparalleled by most communities in the United States, increasing in population from 5,717 in 1980 to over 246,423 as of July 1, 2017. As Gilbert has grown, the community has recognized the need to develop a strong, diverse economy while preserving its highly desirable quality of life.

Gilbert has made the commitment to utilize 100% of its wastewater. Our Wastewater Treatment facilities are designed and operated to produce high quality effluent that is used for groundwater recharge, which builds up reserves for future drinking water use. The reuse water is also utilized for golf course watering, artificial lakes and landscape irrigation throughout the Town at a water rate approximately ½ the cost of potable water.



Pretreatment Program Summary

Reporting Period: 01/01/2019 to 12/31/2019

Implementing a wastewater survey form that must be completed as part of the Town's business license program has helped identify new users. There were 1,041 new business licenses processed during the 2019 reporting period. Of these 209 were possible new commercial and industrial users.

The Town of Gilbert continues to identify new facilities that meet Categorical or SIU criteria for wastewater discharge permits. There were 41 industrial user inspections and 34 Storm Water Inspections conducted in 2019. The Town also conducted 16 sampling events over 31 days and 12 flow studies over 192 days. At the end of 2019 there were 158 industrial user's in the Town's pretreatment database, of these 28 are permitted which include Seven Class 'A' SIU's and Twenty-One Class 'B' IU's.

The Town of Gilbert has continued its commercial inspection program. The programs goal is to inspect all food service facilities, automotive service facilities, dry cleaners, and silver photo & x-ray developers annually. There were approximately 1,241 commercial inspections, and 1,241 storm water inspections conducted in 2019.

Individual Training: Pretreatment Program Coordinator (PPC)
Industrial Pretreatment Inspector (IPI)
Wastewater Quality Inspector (WWQI)

All personnel had confined space and fall protection training.

All personnel attended PPE / Bloodborne Pathogens Training

All personnel attended Lock Out/Tag Out procedures training.

All personnel attended Hazwoper refresher training.

All personnel attended Electrical Awareness Safety Training.

All personnel attended Illicit Discharge Storm Water Training.

All personnel attended Verizon Connect Training.

All personnel attended Caustic Awareness Training.

PPC attended Building an Engaged Culture Training.

PPC attended and instructed at National Pretreatment Conference.

PPC attended and instructed at Pretreatment Seminar.

WWQI (3) are attending Phoenix Compliance Academy.

WWQI (2) personnel attended Pretreatment Seminar.

WWQI (2) attended in-house training on Flow Studies and Flow Link.

WWQI (2) attended in-house training on conducting Plans Review and use of Blue Beam.

WWQI attended Cyber Security Training.

WWQI attended Storm Water Certification Training.

WWQI attended Flagger Training and Certification.

WWQI is on the Wastewater Safety Division Committee and Public Works Department Safety Committee.

WWQI is on Wellness Committee.

WWQI is on Green Gilbert Committee.

WWQI obtained ADEQ Collections Grade 2 Certification

WWQI obtained ADEQ Collections Grade 1 Certification



Best Management Practices

Pollution Prevention through Point Source Control Measures

Reporting Period: 01/01/2019 to 12/31/2019

Introduction

Section C.1 of the National Pollutant Discharge Elimination System (NPDES) Permit # AZ0020524 requires the Sub-Regional Operating Group (SROG) member cities to submit annual progress reports detailing efforts pertaining to pollution prevention through point source control measures. Gilbert's efforts during the year 2019 are summarized below.

Pollution Prevention Efforts with Industry

The town developed and printed up brochures on grease traps and interceptors and another on silver recovery units. These are given during inspections of facilities, and during other public outreach events. We have also developed BMP's for food service facilities, automotive service facilities, printers, and silver photo and x-ray processors. These are given to these facilities during routine annual inspections. Since 2004 BMP's have been part of the Town Municipal Code.

Storm Water

The town has storm water BMP's for certain types of businesses; such as restaurants, automotive shops, carpet cleaners and a general business one. There are also Spanish versions of these brochures available. These brochures are being distributed by Wastewater Quality during the normal inspection schedule.

SROG Participation

The Town of Gilbert Staff continues to participate in periodic SROG meetings. SROG Group addresses Pretreatment Issues effecting the respective municipality participants. The Town of Gilbert's Pretreatment Coordinator attends SROG advisory meetings.

AZFOG Participation

The Town of Gilbert Staff continues to participate in periodic AZFOG meetings. The goal of the AZFOG Group is to reduce the amount of FOG that enters the sanitary sewer through calibration with neighboring municipalities. The Town of Gilbert's Pretreatment Personnel attends AZFOG meetings. The Pretreatment Coordinator assists in providing instruction at Pretreatment AZFOG Seminars to educate Pretreatment Personnel.

Pollution Prevention Green Gilbert Program

The Town of Gilbert Staff continues to participate in Green Gilbert Pollution Prevention meetings and conduct inspections for approval into the Green Gilbert Program.

Wastewater Effluent/Reuse

Presentations continue to be given at events such as the Spring Festival and the Trails Day Event at the Riparian Preserve on effluent recharge. Numerous tours were given to groups interested in the recharge treatment process and daily operation at the Riparian Preserve.

Household Hazardous Waste

Since 2007 the Town opened a permanent Household hazardous Waste Drop off Station. Through this Station the Town continues to collect items throughout the year such as batteries, fluorescent bulbs, used oil, and aerosol cans.

Collection Site

The Household Hazardous Waste Drop Off Station is located at the South Area Service Center the corner Greenfield Road and Queen Creek Road.

Christmas Trees

The Town collected Christmas trees. The trees were chipped and then used for landscaping purposes.

Grease Recycling

The Town collected used fryer oil all year long. The collection site was at the Household Hazardous Waste Drop Off Station. It was collected by Thermofluids for recycling.

Partnership with Gateway Community College

The Town assists in conducting educational opportunities for Gateway Community College Students in Pretreatment Compliance and Pollution Prevention.

TOWN OF GILBERT

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2019 – December 31, 2019 – Total Pretreatment Expenditures **\$ 545,870**

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2018</u>	<u>FTEs 2019</u>
Pretreatment Program Coordinator	1	1
Industrial Pretreatment Inspector	1	1
Wastewater Quality Inspector	4	4

PRETREATMENT PROGRAM EXPENDITURES

Personnel	\$ 461,350
Analytical Laboratory Services	\$ 11,100
Vehicle Operations & Maintenance	\$13,550
Training/Tuition	\$ 3,850
Program Operations & Maintenance	\$56,020

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2019</u>	<u>Total 2019</u>
Samplers	0	5
Flow Meters & Modules	4	7
pH Meters	1	2
Vehicles	0	6
Computers (Laptops/IPads)	0(2)	6(7)

	COMPANY NAME AND ADDRESS	WWTP	NAICS Code	Regulation
1.	Banner Gateway Medical Center 1900 North Higley Road Gilbert, Arizona 85234-1904	91 st Ave via Neely	622110	Local Limits
2.	First Impression Iron Works, Inc. 1235 West Harwell Road Gilbert, Arizona 85233	91 st Ave via Neely	325510	40 CFR 433: Metal Finishing Point Source Category
3.	Heliae Development, LLC 3776 South Riata Street Gilbert, Arizona 85297	91 st Ave via Neely or Greenfield	541711	Local Limits
4.	Herbally Yours, Inc. 1504 West San Pedro Street Gilbert, Arizona 85233-2412	91 st Ave via Neely	325412	40 CFR 439: Pharmaceutical Manufacturing Point Source Category
5.	Innovative Circuits 130 North Pasadena Street Gilbert, Arizona 85233-5038	91 st Ave via Neely	335313	40 CFR 433: Metal Finishing Point Source Category
6.	Mercy Gilbert Medical Center 3555 South Val Vista Drive Gilbert, Arizona 85296-7323	91 st Ave via Neely or Greenfield	622110	Local Limits
7.	Unique Home Design, Inc. 973 North Colorado Street Gilbert, Arizona 85233-2274	91 st Ave via Neely	325510	40 CFR 433: Metal Finishing Point Source Category

ADDITIONS

The following Significant Industrial Users were added in 2019:

No changes in 2019.

DELETIONS

The following Significant Industrial Users have ceased operations in 2019:

No changes in 2019.

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2019:

No changes in 2019.

NAME CHANGES

The following Significant Industrial Users changed their names in 2019:

No changes in 2019.

Town of Gilbert
PRETREATMENT PERFORMANCE SUMMARY
91st Avenue Wastewater Treatment Plant

I. General Information						
Control Authority Name: Town of Gilbert			NPDES No.: AZ0020524			
Address: 900 East Juniper Avenue		City: Gilbert		State: Arizona		ZIP: 85234-4714
Contact Person: Edward Meza				Contact Telephone Number: 480-503-6463		
Reporting Period: January 1 – December 31, 2019		Categorical IUs: 4		Significant Non-Categorical IUs: 3		
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	No.	%	No.	%	No.	%
1. No. of SIUs in Full Compliance	3	75	2	66	5	71
2. No. of SIUs in Inconsistent Compliance	1	25	1	33	2	29
3. No. of SIUs in Significant Noncompliance	0	0	0	0	0	0
4. No. of Parameter Violations	0		1		1	
5. No. of Reporting Violations	0		0		0	
6. No. of Permit Condition Violations	1		0		1	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	1		1		2	
2. No. of Nonsampling Inspections Conducted	4		4		8	
3. No. of Facilities Inspected (Nonsampling)	4		3		7	
4. No. of Sampling Visits Conducted	11		8		19	
5. No. of Facilities Sampled	4		3		7	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
1. Notices of Violations Issued to SIUs	1		1		2	
2. Temporary Increase in IU Self Monitoring	0		1		1	
3. Administrative Orders Issued to SIUs	0		0		0	
4. Compliance Schedules Issued	0		0		0	
5. Settlement Agreements	0		0		0	
6. Other Actions	0		0		0	
7. Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$ 0.00 / 0		\$ 0.00 / 0		\$ 0.00 / 0	

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Banner Gateway Medical Center

Process Flow: 65,000 GPD Average Daily Discharge

General Information and type of wastewater treatment	Banner Gateway Medical Center is a hospital which operations include Cooling Tower, Boiler Feed, Humidification, Plaster Trap, Acid Waste Neutralization, Grease Interceptor, and Other Hospital Operations and Associated Rinses.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**TOWN OF GILBERT
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: First Impression Iron Works, Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 1235 West Harwell Road Gilbert, Arizona 85233		MAILING ADDRESS: 1415 North Mondel Drive Gilbert, Arizona 85233-1209		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED 02-06-2013	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 01-01-2018	PERMIT EXPIRES: 12-31-2021	
SAMPLING LOCATION VERIFIED ON: 08-12-19		RCRA NOTICE: 02-12-15		
SLUG CONTROL PLAN EVALUATION DATE: 09-20-18	COMPLIANCE SAMPLING POINT No: 22 ½ ° V-Notch Weir			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	0	3	0	0
Number of IU Sampling Days	2	4	3	3
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	1	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	03-31-19	06-30-19	01-29-20	01-29-20

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1 st	Permit Condition	2-28-19	N/A	N/A	IU	Failure to Sample Fluoride		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N - No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: First Impression Iron Works, Inc.

Process Flow: 600 GPD Average Daily Discharge

General Information and type of wastewater treatment	First Impressions Security Doors, Inc. performs powder coating, coating conversion, acid cleaning and associated rinses. Treatment includes pH neutralization.
First Quarter	
Second Quarter	4-4-19 A Notice of Violation (NOV) was issued for a Permit Condition Violation on 2-28-19 Failure to Sample Fluoride. This NOV was satisfactorily completed on 5-22-19.
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Heliae Development, LLC

Process Flow: 65,000 GPD Average Daily Discharge

General Information and type of wastewater treatment	<p>Heliae is in the production of microalgae biomass with discharge from their waste holding tank water (Batch) originating from Greenhouse area, Seed Room, Dewatering of algae, and their associated cleaning and rinses.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Herbally Yours, Inc.

Process Flow: 2,000 GPD Average Daily Discharge

General Information and type of wastewater treatment	Herbally Yours Inc. performs Mixing, Compounding, and Formulation operations of nutritional supplements. Treatment includes separation and pH neutralization.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Innovative Circuits Arizona

Process Flow: 250 GPD Average Daily Discharge

General Information and type of wastewater treatment	Population and cleaning of circuit boards. Resin column filtration for metallic. Zero Discharge Conformal Coating.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes X No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

**TOWN OF GILBERT
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Mercy Gilbert Medical Center		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 3555 South Val Vista Drive Gilbert, Arizona 85296-7323		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 07-27-2006	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 07-01-2015	PERMIT EXPIRES: 06-30-2020	
SAMPLING LOCATION VERIFIED ON: 06-06-19		RCRA NOTICE: 02-12-15		
SLUG CONTROL PLAN EVALUATION DATE: 06-06-19		COMPLIANCE SAMPLING POINT No: 3" Parshall Flume		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	1	0	0
Number of City Sampling Days	0	0	0	3
Number of IU Sampling Days	3	3	3	8
Number of Parameter Violations	0	0	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	12-31-19	12-31-19	12-31-19	01-29-20

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
4th	Daily Limit	10-8-19	Composite	City	City	Copper	11.0 mg/l / 1.5 mg/l	8
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	AL		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mercy Gilbert Medical Center

Process Flow: 85,000 GPD Average Daily Discharge

General Information and type of wastewater treatment	<p>Mercy Gilbert Medical Center is a Hospital with discharge from their Cooling Tower, Boiler Feed, Humidification, Plaster Trap, Acid Waste Neutralization, Grease Interceptor, Hospital Operations and Associated Rinses.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 11-25-19 a Notice of Violation (NOV) was issued for an Effluent Violation (City-Monitoring) for Copper. A Temporary Increase in Self-Monitoring (TISM) was also issued. This Violation was satisfactorily completed on 12-24-19.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes **X** No

Penalties this reporting Year: Assessed **\$ 0.00** Collected **\$ 0.00**

**TOWN OF GILBERT
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Unique Home Design, Inc.		REPORT PERIOD: 01/01/2019 through 12/31/2019		
SERVICE ADDRESS: 973 North Colorado Street Gilbert, Arizona 85233-2274		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED 10-24-2005	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 04-01-2019	PERMIT EXPIRES: 03-31-2024	
SAMPLING LOCATION VERIFIED ON: 03-18-19		RCRA NOTICE: 08-19-2005		
SLUG CONTROL PLAN EVALUATION DATE: 09-11-18	COMPLIANCE SAMPLING POINT No: 22 ½ ° V-Notch Weir			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	3	0	0	0
Number of IU Sampling Days	3	3	3	3
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	01-29-20	01-29-20	01-29-20	01-29-20

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Unique Home Designs, Inc.

Process Flow: 4,000 GPD Average Daily Discharge

General Information and type of wastewater treatment	
Unique Home Designs, Inc. performs powder coating, coating conversion, acid cleaning and associated rinses. Treatment includes pH neutralization.	
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper for Significant Non-Compliance? Yes No

Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00