



2018

INDUSTRIAL PRETREATMENT
ANNUAL REPORT

Phoenix
Scottsdale
Tempe
Gilbert
Glendale
Mesa

ARIZONA



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

February 27, 2019

HAND DELIVERED:

Mr. Galileo Gutierrez
 State Pretreatment Coordinator
 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. Gutierrez:

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 91st 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, 2018 and ending on December 31, 2018 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 September 15, 2014.

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,

Kathryn Sorensen
 Water Services Department Director

Enclosure

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

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

PRETREATMENT PROGRAM ANNUAL REPORT

For the Year Ending December 31, 2018

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

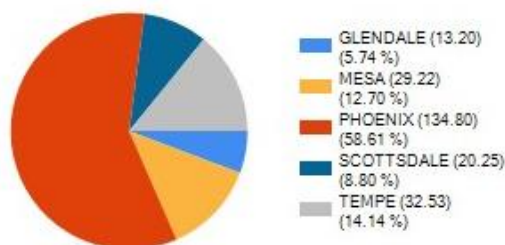
The original 91st Avenue WWTP, a 5 million gallon per day (mgd) cooperative venture between Glendale and Phoenix, was built in 1958. This plant was later replaced with a 45 mgd plant which was subsequently expanded in 1969, 1976, 1984, 1989, and 2009. Upon completion of the most recent expansion in 2010,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

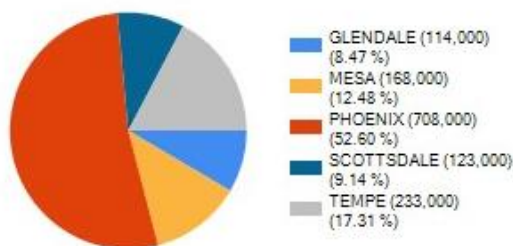
Purchased Capacity

Flow (MGD)



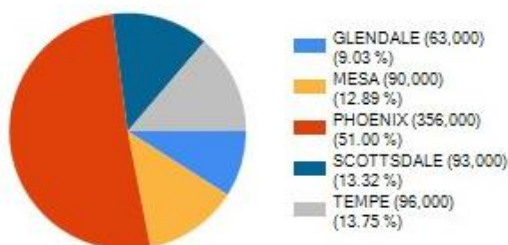
Purchased Capacity vs Monthly Flows

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.

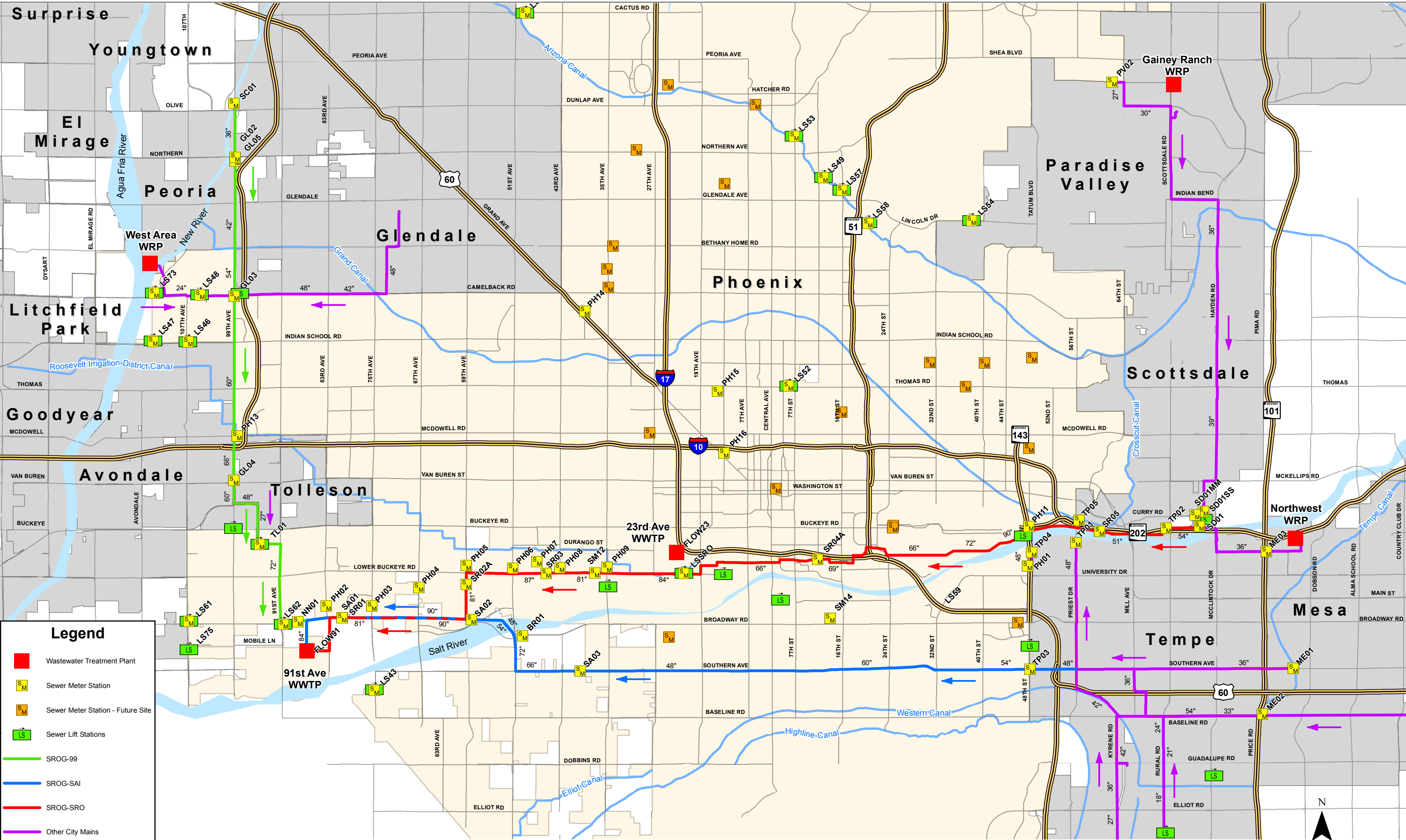
For more information regarding Tres Rios please visit <https://www.phoenix.gov/waterservices/tresrios/wetlandsinfo>.

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

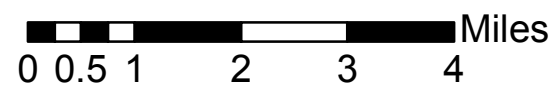


Legend

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

Created on Date: 01-09-2019
 Data Source: COP Enterprise GIS
 Created by: JDean2
 File Location: I:\Users\JDean\SROG Lines\SROG System Map 2018.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.

	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	12	12	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	5	5	All Non-Detect		mg/kg Dry Wt
1,2-Dichlorobenzene					
Influent	11	11	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-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
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
1,2-Diphenylhydrazine					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
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	12	12	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	5	5	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	12	8	8.19	1.6	µg/L
Effluent	6	6	All Non-Detect		µg/L
Biosolids	5	5	All Non-Detect		mg/kg Dry Wt
2,3,7,8-TCDD (Dioxin)					
Influent	1	1	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	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
2,4-Dichlorophenol					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
2,4-Dinitrophenol					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	All Non-Detect		µg/L

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
2,6-Dinitrotoluene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	1	1	All Non-Detect		mg/kg Dry Wt
2-Chloronaphthalene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	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	4	4	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	4	4	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	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
4,4-DDE					
Influent	12	12	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-DDT					
Influent	12	12	All Non-Detect		µg/L
Effluent	3	3	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	12	12	All Non-Detect		µg/L

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Effluent	4	4	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	4	4	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	4	4	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	4	4	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	4	4	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	4	4	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	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
Aldrin*					
Influent	12	10	0.015	0.079	µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Alpha-BHC					
Influent	12	10	0.032	0.076	µg/L
Effluent	2	2	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Alpha-endosulfan (Endosulfan I)					

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Influent	12	7	All Non-Detect		ug/L
Effluent	2	1	All Non-Detect		ug/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Anthracene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Antimony					
Influent	12	0	0.00110	0.00410	mg/L
Effluent	4	0	0.00053	0.00058	mg/L
Biosolids	6	1	2.5	2.4	mg/kg Dry Wt
Arsenic					
Influent	12	0	0.0029	0.0074	mg/L
Effluent	4	0	0.0010	0.0014	mg/L
Biosolids	6	2	9.61	18.5	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	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Benzo(a)pyrene					
Influent	12	12	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Benzo(b) fluoranthene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Benzo(k) fluoranthene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Beryllium					
Influent	12	12	All Non-Detect		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	2	2	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Beta-endosulfan (Endosulfan II)					
Influent	12	12	All Non-Detect		µg/L
Effluent	2	2	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Bis(2-chloroethoxy) methane					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Bis(2-chloroisopropyl) ether					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Bis(2-ethylhexyl) phthalate					
Influent	12	12	All Non-Detect		µg/L
Effluent	5	4	0.92	1.72	µg/L
Biosolids	4	1	36.75	48	mg/kg Dry Wt
Bromoform					
Influent	4	3	0.41	0.74	µg/L
Effluent	5	3	0.7	2.0	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

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Butyl benzyl phthalate					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Cadmium					
Influent	12	7	0.0004	0.0021	mg/L
Effluent	4	3	0.00010	0.0002	mg/L
Biosolids	6	1	3.66	14.40	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	12	12	All Non-Detect		µg/L
Effluent	3	3	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
Bromodichloromethane					
Influent	4	1	0.46	0.83	µg/L
Effluent	5	0	12.76	16	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	5.7	8.4	µg/L
Effluent	5	0	17.60	20	µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Chromium					
Influent	12	0	0.0100	0.038	mg/L
Effluent	4	0	0.001	0.0019	mg/L
Biosolids	6	0	53.4	74.5	mg/kg Dry Wt
Chrysene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Copper					
Influent	12	0	0.019	0.747	mg/L
Effluent	4	3	0.002	0.004	mg/L
Biosolids	6	0	818	967	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	5.52	20	mg/kg Dry Wt
Delta-BHC					
Influent	12	12	All Non-Detect		µg/L
Effluent	2	2	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Dibenzo(a,h) anthracene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Dibromochloromethane					
Influent	4	1	0.71	1.1	µg/L
Effluent	5	0	5.40	9.8	µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Dieldrin					
Influent	12	12	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Diethyl phthalate					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	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	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Di-n-octyl phthalate					
Influent	12	12	All Non-Detect		µg/L

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Endosulfan I					
Influent	12	7	0.03	0.09	µg/L
Effluent	2	1	0.027	0.047	µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Endosulfan II					
Influent	12	12	All Non-Detect		µg/L
Effluent	2	2	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Endosulfan sulfate					
Influent	12	12	All Non-Detect		µg/L
Effluent	2	2	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Endrin					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Endrin aldehyde					
Influent	12	12	All Non-Detect		µg/L
Effluent	2	2	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Ethylbenzene					
Influent	4	3	0.27	0.36	µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Fluoranthene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Fluorene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Gamma-BHC					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Heptachlor					

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Heptachlor epoxide					
Influent	12	10	0.014	0.054	µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Hexachlorobenzene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	5	5	All Non-Detect		µg/L
Biosolids	5	5	All Non-Detect		mg/kg Dry Wt
Hexachlorocyclopentadiene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Indeno (1,2,3-cd) pyrene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Lead					
Influent	12	0	0.0108	0.0433	mg/L
Effluent	4	0	0.0003	0.00051	mg/L
Biosolids	6	2	14.8	44.5	mg/kg Dry Wt
Mercury					
Influent	12	5	0.0003	0.00082	mg/L
Effluent	4	4	All Non-Detect		mg/L
Biosolids	6	0	1.27	1.99	mg/kg Dry Wt

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
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	5	5	All Non-Detect		mg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Methylene chloride (Dichloromethane)					
Influent	4	0	27.75	37	µg/L
Effluent	5	3	0.45	0.81	µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Molybdenum (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	12	0	0.0100	0.0322	mg/L
Effluent	4	0	0.0065	0.0082	mg/L
Biosolids	6	0	16.5	19.6	mg/kg Dry Wt
Naphthalene					
Influent	12	12	All Non-Detect		µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	5	5	All Non-Detect		mg/kg Dry Wt
Nickel					
Influent	12	0	0.010	0.039	mg/L
Effluent	4	1	0.002	0.004	mg/L
Biosolids	6	0	34.8	38.0	mg/kg Dry Wt
Nitrobenzene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	4	4	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	4	4	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	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Parachlorometa cresol (4-Chloro-3-methylphenol)					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	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	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
PCB-1221 (Arochlor 1221)					
Influent	12	12	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
PCB-1232 (Arochlor 1232)					
Influent	12	12	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
PCB-1242 (Arochlor 1242)					
Influent	12	12	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
PCB-1248 (Arochlor 1248)					
Influent	12	12	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
PCB-1254 (Arochlor 1254)					
Influent	12	12	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
PCB-1260 (Arochlor 1260)					
Influent	12	12	All Non-Detect		µg/L
Effluent	3	3	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Pentachlorophenol					
Influent	12	12	All Non-Detect		µg/L
Effluent	5	5	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	4	4	All Non-Detect		µg/L

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Phenol					
Influent	12	8	48.7	70.1	µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Pyrene					
Influent	12	12	All Non-Detect		µg/L
Effluent	4	4	All Non-Detect		µg/L
Biosolids	4	4	All Non-Detect		mg/kg Dry Wt
Selenium					
Influent	12	0	0.00140	0.0041	mg/L
Effluent	4	3	0.0002	0.0003	mg/L
Biosolids	6	1	4.6	6.2	mg/kg Dry Wt
Silver					
Influent	12	5	0.0012	0.0052	mg/L
Effluent	4	4	0.0006	0.0012	mg/L
Biosolids	6	5	4.63	4.20	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	12	11	0.000076	0.00021	mg/L
Effluent	4	4	All Non-Detect		mg/L
Biosolids	6	6	All Non-Detect		mg/kg Dry Wt
Toluene					
Influent	4	0	1.42	2.1	µg/L
Effluent	5	5	All Non-Detect		µg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Toxaphene					
Influent	12	12	All Non-Detect		µg/L
Effluent	3	3	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

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Effluent	5	5	All Non-Detect		mg/L
Biosolids	1	1	All Non-Detect		mg/kg Dry Wt
Zinc					
Influent	12	0	0.260	1.18	mg/L
Effluent	4	0	0.043	0.05	mg/L
Biosolids	6	0	956	1310	mg/kg Dry Wt

* Detect occurred after 1st Quarter Scan.

¹Average 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.

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
1,1,1-Trichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	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	4	4	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	4	4	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	4	4	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	4	4	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	8	8	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichlorobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	8	8	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	4	4	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	4	4	All Non-Detect	-	mg/kg Dry Wt
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

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
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	4	4	All Non-Detect	-	mg/kg Dry Wt
1,3-Dichlorobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	8	8	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	4	4	All Non-Detect	-	mg/kg Dry Wt
1,4-Dichlorobenzene					
Influent	12	11	11.06	1.2	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	8	8	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	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-Dichlorophenol					
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-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					
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

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
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	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4,4-DDE					
Influent	12	10	0.01	0.06	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4,4-DDT					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	13	0.02	0.10	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

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
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
Aldrin					
Influent	12	10	0.01	0.07	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	11	0.01	0.04	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Alpha-endosulfan (Endosulfan I)					
Influent	12	8	0.032	0.095	ug/L
Effluent	12	6	0.024	0.049	ug/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
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	0.00121	0.00190	mg/L
Effluent	4	0	0.00069	0.00074	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Arsenic					
Influent	12	0	0.0029	0.004	mg/L
Effluent	4	0	0.0020	0.0025	mg/L
Biosolids	12	0	7.15	11.3	mg/kg Dry Wt
Benzene					
Influent	4	4	All Non-Detect	-	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					
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
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

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Beryllium					
Influent	12	11	0.00071	0.0002	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	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-ethylhexyl) phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	13	2.30	2.30	µg/L
Biosolids	4	2	40.8	61	mg/kg Dry Wt
Bromodichloromethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	1	0.41	0.63	µg/L
Biosolids	4	4	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	4	4	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

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Cadmium					
Influent	12	7	0.0002	0.0004	mg/L
Effluent	24	24	All Non-Detect	-	mg/L
Biosolids	12	11	1.84	0.896	mg/kg Dry Wt
Carbon tetrachloride					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	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	4	4	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	4	4	All Non-Detect	-	mg/kg Dry Wt
Chloroform					
Influent	4	0	4.83	6.90	µg/L
Effluent	6	0	1.95	2.40	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Chromium					
Influent	12	0	0.00840	0.0135	mg/L
Effluent	4	2	0.0006	0.0012	mg/L
Biosolids	12	0	45.4	51.0	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	0.13	0.18	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	12	0	625.5	686	mg/kg Dry Wt
Cyanide, Total (Cyanide samples are discrete samples.)					
Influent	12	12	All Non-Detect	-	mg/L
Effluent	24	22	0.0029	0.011	mg/L
Biosolids	4	1	14.36	44	mg/kg Dry Wt

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
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	4	4	All Non-Detect	-	mg/kg Dry Wt
Dieldrin					
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
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	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
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
Endosulfan sulfate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
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	3	1.77	4.10	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
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
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
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	15	0.015	0.054	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Heptachlor epoxide					
Influent	12	10	0.018	0.084	µg/L
Effluent	16	16	All Non-Detect	-	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	14	14	All Non-Detect	-	µg/L

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Biosolids	8	8	All Non-Detect	-	mg/kg Dry Wt
Hexachlorocyclopentadiene					
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
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
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	0.0031	0.0075	mg/L
Effluent	24	4	0.00017	0.00054	mg/L
Biosolids	12	7	19.24	20.40	mg/kg Dry Wt
Mercury					
Influent	10	9	0.0007	0.00014	mg/L
Effluent	24	0	0.00116	0.00230	mg/L
Biosolids	12	0	0.960	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	4	4	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	4	4	All Non-Detect	-	mg/kg Dry Wt
Methylene chloride (Dichloromethane)					
Influent	4	3	5.28	12.00	mg/L
Effluent	6	5	1.52	7.90	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Molybdenum (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	12	0	0.0100	0.0276	mg/L
Effluent	4	0	0.0041	0.0062	mg/L

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Biosolids	12	0	16.88	20.00	mg/kg Dry Wt
Naphthalene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	8	8	All Non-Detect	-	mg/kg Dry Wt
Nickel					
Influent	12	0	0.0078	0.012	mg/L
Effluent	4	0	0.0033	0.004	mg/L
Biosolids	12	1	27.89	35.40	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

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
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
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	12	All Non-Detect	-	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	12	All Non-Detect	-	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	0.0015	0.0020	mg/L
Effluent	24	6	0.0004	0.0008	mg/L
Biosolids	12	0	6.9	9.7	mg/kg Dry Wt
Silver					
Influent	12	4	0.00098	0.00208	mg/L
Effluent	4	3	0.00055	0.00106	mg/L

	Number of Observations	Number of Non-Detects	¹ Average	Maximum	Units
Biosolids	12	11	6.16	7.58	mg/kg Dry Wt
Tetrachloroethylene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Thallium					
Influent	12	11	0.000070	0.00018	mg/L
Effluent	4	3	0.000099	0.00022	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Toluene					
Influent	4	2	5.35	18.00	µg/L
Effluent	6	3	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	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	4	4	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	4	4	All Non-Detect	-	mg/kg Dry Wt
Zinc					
Influent	12	0	0.184	0.230	mg/L
Effluent	4	0	0.019	0.022	mg/L
Biosolids	12	0	750.3	860	mg/kg Dry Wt

¹Average 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, 2018. 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 2018 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 nondomestic users of the POTW at the 23rd Avenue WWTP during 2018.

91st Avenue WWTP

Based upon these definitions, there were no violations due to incidents of upset, interference, or pass-through that were attributable to nondomestic users of the POTW at the 91st Avenue Wastewater Treatment Plant (WWTP) during 2018. Information on three pass-through events are provided below, but these were not due to nondomestic users of the POTW.

On March 21, 2018, a pass-through of *E. coli* was observed at the influent to the Tres Rios Wetlands monitoring station, FRW-1. The elevated result was attributed to a malfunctioning flow meter, producing an error in the calculation used in the plant's automated chlorine dosing. This error caused the chlorine feed to stop, and the brief period without disinfection resulted in an exceedance of the NPDES daily maximum limit for *E. coli*.

In May 2018, a pass-through of cyanide was observed at the influent to the Tres Rios Wetlands, FRW-1. This resulted in an exceedance of the monthly average NPDES permit limit for cyanide.

In October 2018, a similar pass-through of cyanide occurred again at the same site. This event resulted in exceedances of the NPDES daily maximum concentration and loading, as well as the monthly average concentration and loading for cyanide. An ongoing investigation indicates that the results are due to interference in the preservation process. 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, and therefore not discharged to the Waters of the United States.

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.

Percentage of Maximum Allowable Headworks Loadings

As recommended in the 2004 *USEPA Local Limits Development Guidance*, a comparison was made of current WWTP loadings with the Maximum Allowable Headworks Loadings (MAHLs) established for each of the pollutants of concern at the time of the last local limits study. The EPA recommended maximum threshold values of 60 percent for metals and toxic organics and 80 percent for non-toxic organic and conventional pollutants were used to identify potential problems. A comparison to 2017 values was used to identify trends. Tables summarizing percentages of MAHL for 2017 and 2018 appear later in this section.

2018 Percentage of Maximum Allowable Headworks Loading (MAHL)

Pollutant of Concern	23rd Avenue WWTP - Local Limits Review				91st Avenue WWTP - Local Limits Review					
	2005 MAHL	2018 Avg Influent	% of 2005 MAHL*	2018 Max Influent	% of 2005 MAHL*	2005 MAHL	2018 Avg Influent	% of 2005 MAHL*	2018 Max Influent	% of 2005 MAHL*
	Lb/Day	Lb/Day		Lb/Day		Lb/Day	Lb/Day		Lb/Day	
Inorganics										
Arsenic	8.1	0.8	9%	2.0	24%	30	3.2	11%	4.5	15%
Beryllium	1.2	Non Detect		Non Detect		73	Non Detect		Non Detect	
Boron	419	80.1	19%	86.6	21%	1,306	369.42	28%	456	35%
Cadmium	2.1	0.11	5%	0.6	26%	8.9	Non Detect		Non Detect	
Chromium	213	2.65	1%	10.07	5%	866	9.40	1.09%	15.11	1.7%
Copper	97	5.03	5%	197.93	204%	397	Non Detect		Non Detect	
Cyanide	13	Non Detect		Non Detect		40	NID		Non Detect	
Fluoride	1,697	236.0	14%	317.96	19%	5,363	1601	4%	1,903	9.43%
Lead	22	2,862	13,09%	11,473	52,22%	89	3,47	30%	8.4	6%
Mercury	0.26	0.1	31%	0.2	84%	2.6	0.8	15%	0.2	40%
Molybdenum	19	2.6	14%	8.5	45%	77	11.2	4%	30.9	6%
Nickel	55	2.65	5%	10.33	19%	219	8.7	37%	13.4	6%
Selenium	1.4	0.37	26%	1.09	78%	4.6	1.7	0.4%	2.2	49%
Silver	53	0.32	1%	1.38	3%	281	1.1	0.4%	2.3	1%
Sulfides	1,352	Unknown		Unknown		12,724	Unknown		Unknown	
Zinc	213	Non Detect		Non Detect		911	206.0	23%	257.5	28%
VOCs										
Benzene	203	Non Detect		Non Detect		212	Non Detect		Non Detect	
Chlorobromomethane	162	0.12	0.08%	0.22	0.1%	1,082	Non Detect		Non Detect	
Chloroform	406	1.51	0.4%	2.2	0.5%	4,984	5.4	0.11%	7.72	0.15%
Methylene Chloride	18	7.35	41%	9.80	54%	30.0	5.911	20%	13.434	44.78%
Tetrachloroethylene	101	Non Detect		Non Detect		49.0	Non Detect		Non Detect	
Trichloroethylene	9.2	Non Detect		Non Detect		58	Non Detect		Non Detect	
SVOCs										
Bis (2-ethylhexyl) phthalate	81	Non Detect		Non Detect		35	Non Detect		Non Detect	
Phenanthrene	8.0	Non Detect		Non Detect		802	Non Detect		Non Detect	
Pesticides										
**4,4'-DDE	0.0006	Non Detect		Non Detect		0.0025	0.0112	448%	0.0672	2687%
4,4'-DDT	0.0006	Non Detect		Non Detect		0.0019	Non Detect		Non Detect	
BHC-alpha	0.008	0.008	106%	0.020	252%	0.055	Non Detect		Non Detect	
BHC-beta	0.016	Non Detect		Non Detect		0.051	Non Detect		Non Detect	
BHC-gamma (Lindane)	0.025	Non Detect		Non Detect		0.069	Non Detect		Non Detect	

*EPA recommends maximum threshold values of 60 percent for metals and toxic organics and 80 percent for non-toxic organics, and conventional pollutants.

**The levels detected for these pesticides were so low it was not possible to do a secondary evaluation to validate these detections.

For the Year Ending December 31, 2018

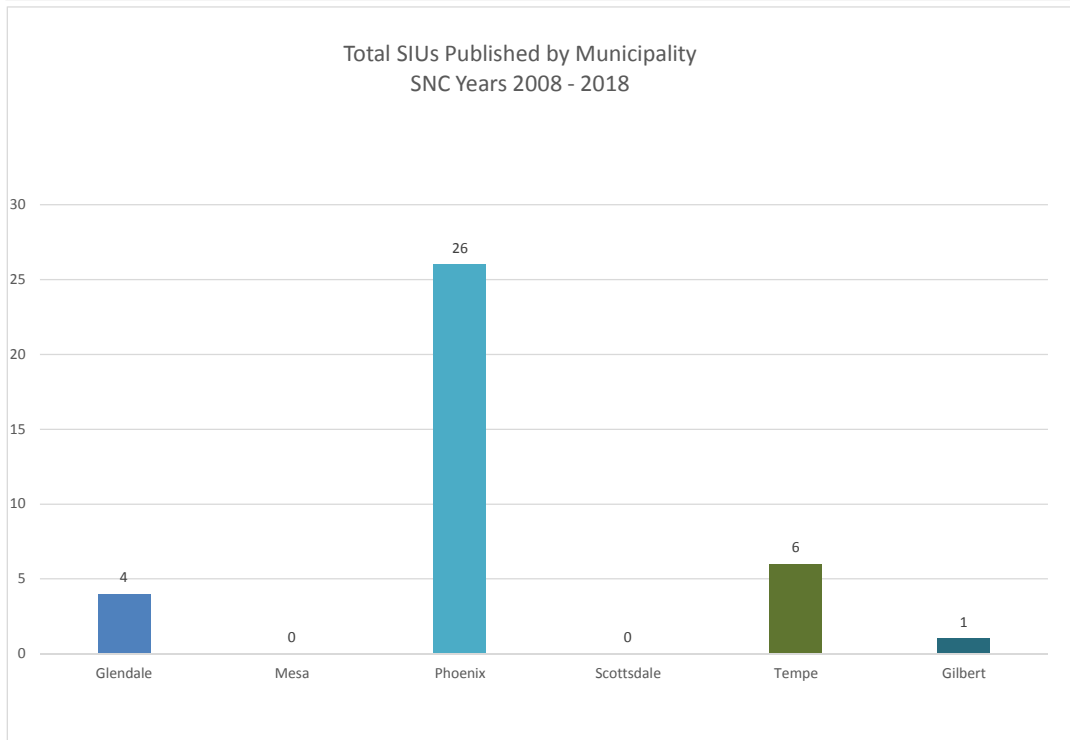
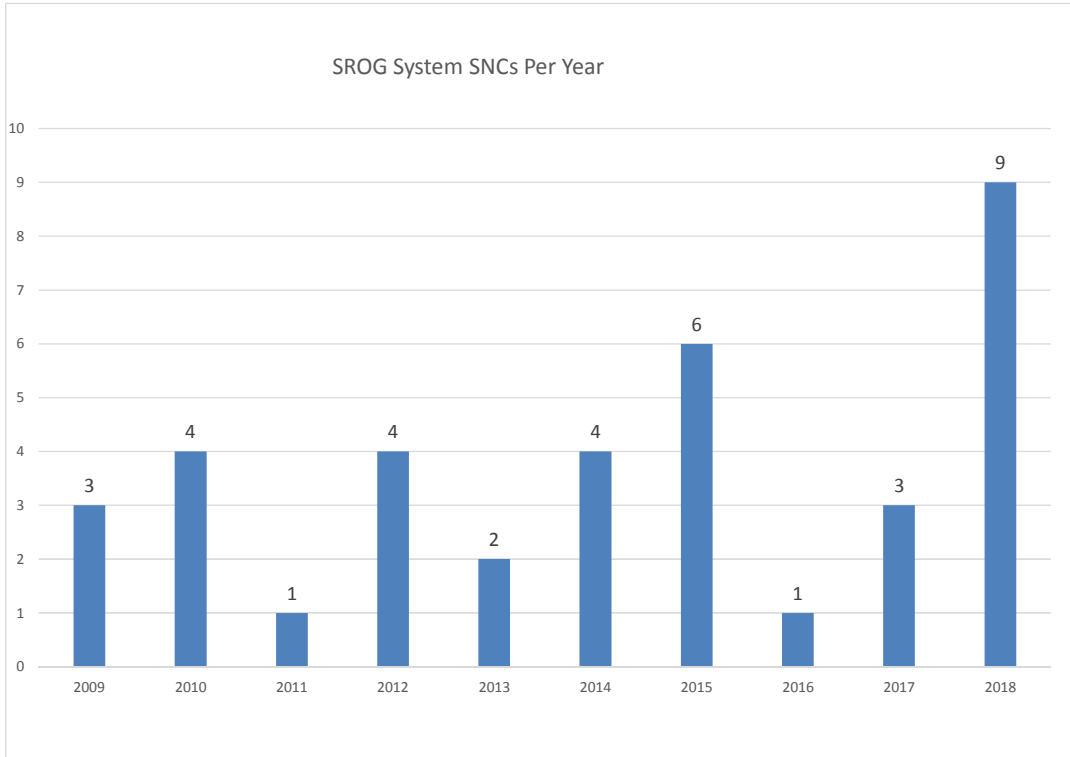
SECTION 1.2 SIGNIFICANT NON-COMPLIANCE (SNC)

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, 2018 is scheduled to appear in the Arizona Republic on Tuesday, March 13, 2019 and appears following these SNC History pages. Additionally, the March 14, 2018 Arizona Republic publication of Industrial Users in SNC for the year ending December 31, 2017 follows the 2018 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.

Total SIUs Published by Municipality SNC Years 2008 - 2018											
SNC Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	10-Year Totals
Glendale	0	1	0	1	0	1	1	0	0	0	4
Mesa	0	0	0	0	0	0	0	0	0	0	0
Phoenix	2	3	0	2	2	2	4	1	2	8	26
Scottsdale	0	0	0	0	0	0	0	0	0	0	0
Tempe	1	0	1	1	0	1	1	0	0	1	6
Gilbert	0	0	0	0	0	0	0	0	1	0	1
SROG System TOTALS	3	4	1	4	2	4	6	1	3	9	41



**Industrial Users In Significant Noncompliance with
Applicable Pretreatment Requirements in 2018**

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, 2018 through December 31, 2018.**

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 12/31/2018?	Number of Times Published	Nature of Enforcement Action(s)	Comments
Glendale						
No Users in SNC						
Mesa						
No Users in SNC						
Phoenix						
Metco Metal Finishing, LLC. 3508 East Corona Avenue Phoenix, Arizona 85012-1839	Monthly Average TRC for 3 rd Quarter - Zinc	08/25/2017	Yes	1	Notices of Violation TISM SNC Notification Show Cause Hearing 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 2 nd Quarter of 2018. Violations in addition to zinc effluent violations include failure to sample for TTOs.
Upper Crust Bakery 3755 West Washington Street Phoenix, Arizona 85009-4759	Late Reporting – 24- Hour Notification Report submitted greater than 30-days late during 4 th 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 Review Meeting for continuous pH violations took place during the 4 th Quarter of 2018. A Show Cause will take place in the 2 nd Quarter of 2019.
MPP Group of Companies 230 South 49 th Avenue Phoenix, Arizona 85034-3805	Late Reporting – Lab results for SMR Report submitted greater than 30-days late during 2 nd Quarter	01/02/2019	No	1	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. 2235 South Central Avenue Phoenix, Arizona 85004-2909	Monthly Average Chronic & TRC for 1 st Quarter – Acetone; Monthly Average Chronic for 3 rd Quarter – Acetone	12/20/2018	Yes	1	Notices of Violation TISM Review Meeting SNC Notification	Violations other than acetone MAV's include: permit condition – failure to notify of pretreatment changes, failure to sample and pH exceedances. A Review Meeting took place during the 3 rd Quarter of 2018.

For the Year Ending December 31, 2018

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
Liquid Environmental Solutions of Arizona, LLC. 5159 West Van Buren Street Phoenix, Arizona 85043-3720	Monthly Average TRC for 2 nd Quarter – Copper	12/31/2018	No	1	Notices of Violation TISM Review Meeting SNC Notification	A Review Meeting for copper MAVs took place during the 2 nd Quarter of 2018. A Show Cause will take place in the 2 nd Quarter of 2019.
AAA Ajax Pumping Service, Inc.	Daily Limit TRC for 4 th Quarter - Mercury	11/27/2018	Yes	1	Notices of Violation TISM SNC Notification	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 85040-1835	Monthly Average TRC for 4 th Quarter - Chromium	11/29/2018	No	1	Notices of Violation TISM SNC Notification	A Review Meeting will take place in the 1 st Quarter of 2019.
Automated Chemical Solutions, Inc.	Daily Limit Chronic for 4 th Quarter - Mercury	12/17/2018	No	1	Notices of Violation TISM SNC Notification	A Review Meeting will take place in the 1 st Quarter of 2019.
Scottsdale						
No Users in SNC						
Tempe						
Advanced Circuits	Monthly Copper, TRC	3/29/2018	Yes	1	NOV/AO; Fines & PSA	User entered into a PSA with the City that resulted in \$44,911.95 spent on pretreatment system upgrades in 2018, and a plan to spend up to an additional \$261,474 if the business remains in operation. The user has returned to full compliance.
Town of Gilbert						
No Users in SNC						

THE ARIZONA REPUBLIC

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AFFIDAVIT OF PUBLICATION

CITY OF PHOENIX/WATER SERVICES
2474 S. 22nd Avenue Building 31
PHOENIX, AZ 85003

**NOTICE OF PROPOSED
PRETREATMENT
SETTLEMENT AGREEMENT**

In accordance with the policy of the City of Phoenix contained in City Code Sections 28-46(h); and Arizona Revised Statutes Section 49-371, and the public participation requirements of Arizona Revised Statutes Section 49-391, notice is hereby given that the City of Phoenix proposes to enter into a Pretreatment Settlement Agreement (PSA) with Metco Metal Finishing, LLC, doing business at 3508 East Corona Avenue, Phoenix, AZ 85040. This PSA settles the claims alleged in a Notice to Show Cause proceeding held on April 6, 2018 for violations of Chapter 28 of the Phoenix City Code.

Under the terms of the proposed PSA, Metco Metal Finishing has agreed to pay a civil penalty of \$11,946.00 in full settlement of the alleged violations.

The City of Phoenix will receive for a period of thirty (30) days from the date of this publication, comments relative to the proposed PSA. Comments should be addressed to:

Stephen Wetherell, Assistant City Attorney
City of Phoenix Law Department
200 W. Washington, 13th Floor
Phoenix, AZ 85003
Telephone: 602-262-6761

The proposed PSA may be examined at the following City of Phoenix Office:
Phoenix City Clerk
200 W. Washington, 15th Floor
Phoenix, AZ 85003
Telephone: 602-262-6811

The proposed PSA is also posted on the Environmental Services Division website at <https://www.phoenix.gov/waterservices/envservices/indpretreatmentprog/pretreatment-settlement-agreements>.

After the close of the thirty (30) day public comment period, and after review of all comments received, the City of Phoenix will execute the PSA or take whatever action it deems appropriate.
Pub: May 15, 2018

Order # 0008793684 # of Affidavits 4
P.O.# NOTICE OF PROPOSED PRETRE
Published Date(s):
05/15/18

STATE OF WISCONSIN }
COUNTY OF BROWN } SS.

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.



Sworn to before me this

15 TH day of
MAY 2018



Notary Public

My Commission expires: 12/04/2021

BERGEN GORNOWICH
Notary Public
State of Wisconsin

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 PSNS Concentration 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 98.46% - <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 Concentration 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 90.41% - <i>MPP Group of Companies</i>
X	433.17 Metal Finishing PSNS CWF 95.87% - <i>Honeywell Sky Harbor Circle</i>
Y	465.45 Coil Coating Subpart D PSES Concentration Equivalent - <i>Rexam Beverage Can Company</i>
Z	PLACEHOLDER

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 New Sources
40 CFR 465.45**

**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 № 1608-27341		
Effective 09/01/2016 through 01/31/2020		
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**	150	
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**

98.46% 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**

66% Combined Wastestream Formula Permit № 1703-5340 Effective 03/01/2017 through 02/28/2022			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)	Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A*	Arsenic	0.13	N/A*
Cadmium	0.047	N/A	Cadmium	0.047	N/A
Copper	1.5	N/A	Copper	1.5	N/A
Cyanide (T)	2.0	N/A	Cyanide (T)	2.0	N/A
Lead	0.41	N/A	Lead	0.41	N/A
Mercury	0.0023	N/A	Mercury	0.0023	N/A
Selenium	0.10	N/A	Selenium	0.10	N/A
Silver	1.2	N/A	Silver	1.2	N/A
TTO**	1.26	N/A	TTO**	0.317	N/A
Zinc	3.5	N/A	Zinc	3.5	N/A
pH	5.0 – 10.5 SU	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**

90.41% 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**

95.87% 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– 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.

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	<u>Chemical Metal Cleaning Wastes</u> Daily Maximum mg/l	<u>Cooling Tower Blowdown</u> 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

* See Attachment 1

** 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

* See Attachment 1

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: 01/01/2018 through 12/31/2018

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
5901 North Glen Harbor Boulevard
Glendale, Arizona 85307-4502
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.

2/8/2019

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 is located in Maricopa County on the western border of Phoenix. Glendale was founded in 1892 by W.J. Murphy. 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 56.5 square miles today including the Luke Air Force Base annexation.

The economic base of Glendale is diversified and continues to expand. Major employers in Glendale are government, health care, general merchandisers, building component assembly, education, and aerospace component manufacturing and assembly.

Luke Air Force Base is located on the western boundary of Glendale and is the largest fighter training base in the western world. Our Loop 101 and Glendale Avenue area is home to the NHL Gila River Arena and NFL State Farm Stadium.

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 2018



Pretreatment Program Changes and Other Activities

Program Changes

One significant industrial user was added to Glendale's Pretreatment Program in 2018. Pretreatment personnel continue to review development plans to identify new industrial dischargers and evaluate the program's business inventory.

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 held monthly regarding the 91st Ave POTW Metering Stations Impact Study.

Training / Seminars Attended by Pretreatment Personnel

- City of Glendale Pretreatment personnel use an online safety training program to complete required trainings.
- The annual AZ WATER conference was attended by two pretreatment division employees in May 2018.
- Four pretreatment inspectors attended the AZ FOG training in November 2018.
- One pretreatment employee completed the Sacramento State, Office of Water Programs, Pretreatment Facility Inspection program.

Public Participation / Education

The City of Glendale Pretreatment Program webpage is available through the City of Glendale's Homepage at the internet address: www.glendaleaz.com/utilities/pretreatment/.

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 2018

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 2018 are summarized below.

Point Source Control Program

Pollutants of Concern:

Businesses that have the potential to discharge pollutants of concern have been found in 52 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 revised database indicates over 2,993 such businesses in Glendale and pollution prevention inspections are performed periodically at these businesses. There were a total of 469 commercial inspections conducted in 2018 (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 660 active restaurants, taverns, and other establishments that have potential fats, oil, and grease (FOG) discharges and thus receive periodic inspections by the City. There were over 850 FOG related inspections performed during 2018 including follow-up inspections. In August 2007, Glendale began issuing commercial discharge permits to FOG facilities with approved, in-service pretreatment devices. Currently there are 705 active commercial discharge permits issued to various FOG facilities. The importance of FOG facility inspections continues and accounted for 66% of all pretreatment inspections conducted in 2018.

Significant Industrial Users (SIUs):

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

Other Industrial Users:

Magellan Aerospace Turbine Services is a zero-discharge categorical industrial user. This facility is inspected unannounced annually to ensure compliance with the zero-discharge status.

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. Performing 100 stormwater related inspections per fiscal year is a requirement of the permit assigned to Pretreatment. For the calendar year from January 1, 2018 to December 31, 2018, 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 the grocery industry was mailed out to facilities of this type to fulfill an educational outreach requirement in 2018.

CITY OF GLENDALE

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2018 – December 31, 2018 – Total Pretreatment Expenditures \$ 458,585.00

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2017</u>	<u>FTEs 2018</u>
Pretreatment Program Manager	1.0	1.0
Senior Pretreatment Inspector	1.0	1.0
Pretreatment Inspector	3.0	3.0

PRETREATMENT PROGRAM EXPENDITURES

Computer Upgrades & Equipment	\$ 16,415.00
Chemicals, Sampling Supplies	\$ 5,000.00
Office Supplies	\$ 1,000.00
Laboratory Analysis	\$ 27,468.00
Maintenance	\$ 10,748.00
Personnel Expenses	\$ 397,954.00

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2018</u>	<u>Total 2018</u>
Computers	2	6
Samplers	0	5
Flowmeters	0	3
pH Meters	0	3
Vehicles	0	5
Gas Detectors	0	3
Tablets (iPad)	0	5

CITY OF GLENDALE
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018

	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-Gilbert Inc. 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. Russell Gerkitz, Environmental Manager Contact: Mr. Russell Gerkitz Phone: 623-939-9441	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: Megan Sheldon, Deputy Director-Water Services, Pretreatment Programs				Contact Telephone Number: (623) 930-4115		
Reporting Period: January 1 – December 31, 2018		Categorical IUs: 2		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	1	50	4	100	5	83
2. No. of SIUs in Inconsistent Compliance	1	50	0	0	1	17
3. No. of SIUs in Significant Noncompliance	0	0	0	0	0	0
4. No. of Parameter Violations	1		0		0	
5. No. of Reporting Violations	0		0		0	
6. No. of Permit Condition Violations	1		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	1		0		1	
2. Temporary Increase in IU Self Monitoring	1		0		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: American Pumping Service, Inc.

Process Flow: 7,986.82 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 7,986 gallons per day, 21 days per month. 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: 79,788.43 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: 193,830 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 Gilbert Incorporated
 Process Flow: 57,548 gpd (Average)

General Information and type of wastewater treatment	This facility manufactures coaxial cable connectors. Pretreatment consists of hydroxide precipitation, chemical oxidation, stream segregation, filtration, sedimentation, and pH neutralization. Corning-Gilbert monitors flow and pH on a daily basis.
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 GLENDALE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Magellan Aerospace, Glendale, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 5440 West Missouri Ave Glendale Arizona 85301		MAILING ADDRESS: P.O. Box 1059 Glendale, Arizona 85311		
CATEGORICAL USER? Yes	40 CFR 433.15	LIMITS APPENDIX: D	BMR SUBMITTED: 12/29/1988	
TTO CERTIFICATION DATE SUBMITTED: 01/10/2018	PERMIT EFFECTIVE: 02/21/2017	PERMIT EXPIRES: 01/20/2022		
SAMPLING LOCATION VERIFIED ON: 08/24/2018	RCRA NOTICE: 06/08/1990			
SLUG CONTROL PLAN EVALUATION DATE: 11/21/2007	COMPLIANCE SAMPLING POINT No: 001, 006			
	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	0	0	4	0
Number of IU Sampling Days	4	0	4	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:	04/13/2018	07/13/2018	10/12/2018	01/11/2019

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	Categorical Industrial User Discharge Permit	08/21/2018	Composite	0.0023 mg/L Local Limit	IU	Mercury	0.0023 mg/L	4 each
			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: Magellan Aerospace, Glendale, Inc.

Process Flow: 643 gpd (Average)

General Information and type of wastewater treatment	
Magellan Aerospace, Glendale, Inc. produces aluminum and magnesium parts by casting. Pretreatment system consists of treating chrome rinse water by reducing chrome III with SO ₂ , 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.	
First Quarter	
Second Quarter	
Third Quarter	One violation occurred and is based on an exceedance of the limitation for Mercury, as observed and documented during the sampling event conducted by Magellan on August 21, 2018, at the local limit sampling site. In order to ensure Magellan Aerospace's return to compliance, they resampled for Mercury four separate times, producing four separate in compliance results by 30 September 2018.
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 GLENDALE SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: All Pro Pumping		REPORT PERIOD: 09/01/2018 through 12/31/2018		
SERVICE ADDRESS: 6515 West Northview Glendale, Arizona 85301		MAILING ADDRESS: 6525 West State Avenue Glendale, Arizona 85301		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: N/A	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 09/01/2018		PERMIT EXPIRES: 08/31/2022	
SAMPLING LOCATION VERIFIED ON: 09/20/2018		RCRA NOTICE: N/A		
SLUG CONTROL PLAN EVALUATION DATE: N/A		COMPLIANCE SAMPLING POINT №: 001		
	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
Number of City Sampling Days			0	3
Number of IU Sampling Days			0	0
Number of Parameter Violations			0	0
Number of Inspection Violations			0	0
Number of Reporting Violations			0	0
Number of Permit Cond. Violations			0	0
Compliance Status			C	C
Evaluated as of:			09/20/2018	11/1/2018

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

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: All Pro Pumping
 Process Flow: 62,354.37 gpd (Average)

General Information and type of wastewater treatment	<p>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.</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

SECTION 2.2
CITY OF MESA

POTW PRETREATMENT ANNUAL REPORT

CITY OF MESA, ARIZONA


NPDES Permit Holder: City of Phoenix, ArizonaPeriod Covered by this Report: 01/01/2018 through 12/31/2018Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment PlantNPDES Permit Number: AZ0020524~~Person to Contact Concerning City of Mesa Information Contained in the Report:~~

David Gonzales
Industrial Pretreatment Supervisor
640 North Mesa Drive
Post Office Box 1466
Mesa, Arizona 85211
480-644-2484

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.

1/29/19
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 501,137 residents and 194,822 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, 2018 through December 31, 2018, 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 2,675 new and existing facilities in the commercial facilities database and 305 were inspected, entered and/or updated. All these facilities have the potential to discharge Pollutant of Concern (POC) to the collection system.
2. In 2016, 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 the amount of 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.

Household Hazardous Waste (HHW) Collection Event

The City of Mesa continues to promote the proper disposal of regulated and/or hazardous materials. The Household Hazardous Waste Collection event is conducted on a quarterly basis. Two sites are utilized; the Center Street Center located at 2540 North Center Street and the East Mesa Service Center located at 6935 E. Decatur, Mesa. The City of Mesa continues to accept prescription and non-prescription reducing the amount of drugs land- filled and/or discharged to the Water Reclamation Plants.

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

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

Eddie Cortinas - Inspector

- Annual Hazardous Waste Refresher
- Bloodborne Pathogens
- Hazardous Communication Right-to-Know
- Confined Space Training
- AZ FOG Workshop
- Introduction to Environmental Enforcement

Jim Lagrou - Inspector

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

Gene Gonzales – Inspector

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

Jimmy Hollingsworth – Inspector

- Annual Hazardous Waste Refresher
- Bloodborne Pathogen
- Hazardous Communication Right-to-Know
- Confined Space Training
- AZ FOG Workshop
- Introduction to Environmental Enforcement

CITY OF MESA

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2018 – December 31, 2018 – Total Pretreatment Expenditures

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2017</u>	<u>FTEs 2018</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	382,912.00
Laboratory Services	21,200.00
Training	5,000.00
Other Services	<u>110,076.00</u>
Total	519,188.00

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2018</u>	<u>Total 2018</u>
Autosamplers	0	12
Flow Meters	0	7
pH Meters	0	4
Vehicles	0	6
Computers	0	5
Air Monitors	2	4
Cameras	0	5

CITY OF MESA
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018

	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.

CITY OF MESA

PRETREATMENT PERFORMANCE SUMMARY ADDITIONS, DELETIONS AND CHANGES TO THE SIU LIST

ADDITIONS

The following Significant Industrial Users were added in 2018:

N/A

DELETIONS

The following Significant Industrial Users have ceased operations in 2018:

N/A

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2018:

N/A

NAME CHANGES

The following Significant Industrial Users changed their names in 2018:

	IS NOW	
Permittee Name		Permittee Name
Facility Address		Facility Address
City, State Zip		City, State Zip

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: David Gonzales				Contact Telephone Number: 480-644-2484		
Reporting Period: January 1 – December 31, 2018			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	2	66	1	100	3	100
2. No. of SIUs in Inconsistent Compliance	1	33	0	0	1	25
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	1		0		1	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	0		0		4	
2. No. of Non-Sampling Inspections Conducted	4		0		1	
3. No. of Facilities Inspected (Non-sampling)	4		0		4	
4. No. of Sampling Visits Conducted	39		0		4	
5. No. of Facilities Sampled	4		0		4	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
1. Notices of Violations Issued to SIUs	1		0		1	
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: Arizona Cast Turbine
 Process Flow: 600 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 2/12/18, the City of Mesa conducted 4 days of compliance sampling at Outfall 002. On 3/28/18, the City of Mesa conducted an Announced Annual Compliance Inspection.</p>
Second Quarter	
	<p>On 5/7/18, 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 8/27/18, 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 12/17/18, 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

Company Name: Banner Desert Medical Center
 Process Flow: 304,503 GPD

General Information and type of wastewater treatment	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, and chiller discharges, and kitchen wastewater discharges after it has been treated by a Grease Removal device (GRD).
First Quarter	On January 8, 2018, the City of Mesa sent the IU a change of inspector letter. On March 29, 2018, the City of Mesa conducted an Annual Compliance Inspection.
Second Quarter	On May 24, 2018, the IU submitted an updated Slug Load Control Plan / Source Reduction Plan. On June 15, 2018, the IU submitted their June 2018 PRC with no deficiencies.
Third Quarter	On August 7, 2018, the IU submitted request for discharge letter. On August 16, 2018, the City of Mesa sent IU discharge approval letter.
Fourth Quarter	On December 17, 2018, the IU submitted their December 2018 PRC with no deficiencies.

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: The Boeing Company		REPORT PERIOD: 01/01/18 through 12/31/18	
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: 12/17/2018		PERMIT EFFECTIVE: 02/02/2016	PERMIT EXPIRES: 02/01/2021
SAMPLING LOCATIONS VERIFIED ON: (001), 10/09/18 (002), 01/24/18 (003) 03/02/18		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	0	1
Number of City Sampling Days	7	7	7	7
Number of IU Sampling Days	4	4	4	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	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	03/31/2018	06/30/2018	09/30/2018	12/31/2018

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) Violator | F - Assessment of Monetary Penalties | K - Published in Newspaper as Significant |
| B - Administrative Order (AO) | G - Restriction of Flow | in Prior Reporting Year |
| C - Civil Action Filed | H - Permit Revocation | L - Automatic Increase in IU Self- |
| D - Criminal Action Filed | I - Compliance Schedule | M - No Enforcement Action |
| E - Settlement Agreement | J - Disconnection from Sewer | |

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>On January 8, 2018, the City of Mesa sent IU change of inspector letter. On January 24, 2018, the City of Mesa performed 4-days of compliance monitoring at Outfall 002. On March 2, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 003.</p>
Second Quarter	<p>On April 3, 2018, the City of Mesa performed 4 days of compliance monitoring at Outfall 002. On April 3, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 003. On June 4, 2018, the City of Mesa performed 1 day of compliance monitoring at Outfall 003. On June 18, 2018, the City of Mesa received IU's June 2018 PRC with no deficiencies. On June 19, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 003.</p>
Third Quarter	<p>On July 2, 2018, IU submitted an updated P2 Progress Report. On July 17, 2018, the City of Mesa performed 4-days of compliance monitoring at Outfall 002. On August 2, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 003. On September 5, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 003. On September 20, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 003.</p>
Fourth Quarter	<p>On October 3, 2018, the City of Mesa performed 1 day of compliance monitoring at Outfall 002. On October 3, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 003. On October 9, 2018, the City of Mesa performed 1-day compliance monitoring at Outfall 001. On October 9, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 002. On October 18, 2018, performed an Annual Compliance Inspection. On October 19, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 002. On November 9, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 002. On November 20, 2018, the City of Mesa performed 1-day of compliance monitoring at Outfall 003. On December 17, 2018, IU submitted December's 2018 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: 01/01/2018 through 12/31/2018		
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: 6/14/17		PERMIT EFFECTIVE: 10/1/2015	PERMIT EXPIRES: 09/30/2020	
SAMPLING LOCATION VERIFIED ON: 5/23/18		RCRA NOTICE: 03/31/1993		
SLUG CONTROL PLAN EVALUATION DATE: 10/4/18				
	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	0	2	0	2
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	1	0	0
Compliance Status	C	I	C	C
Evaluated as of:	3/31/18	6/30/18	9/30/18	12/31/18

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
2nd	Permit Cond.	6-13-18						
			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 |

Company Name: Infineon Technologies EPI
 Process Flow: 174,000 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 2/22/18, The City of Mesa issued the IU a Notice of Opportunity to Correct Deficiencies (NOC) for discharges interfering with any POTW process. On 3/22/18, the IU submitted a NOC response. On 3/27/18, the City of Mesa sent IU a NOC closure letter.</p>
Second Quarter	<p>On 5/22/18, the City of Mesa conducted 2 days of compliance sampling. On 6/13/18, the City of Mesa issued IU a Notice of Violation (NOV) for discharges interfering with any POTW process. On 6/14/18, the IU submitted the June PRC with no deficiencies. On 6/28/18 the IU submitted a NOV response.</p>
Third Quarter	<p>On 9/20/18, the City of Mesa sent IU a NOV compliance agreement letter.</p>
Fourth Quarter	<p>On 10/4/18, the City performed an Annual Compliance Inspection. On 10/10/18, the IU submitted a Compliance Agreement response letter. On 10/21/18, the City of Mesa conducted 2 days of compliance sampling. On 11/21/18, the City of Mesa sent the IU a Compliance Agreement Letter in response to the sanitary sewer problems. On 12/17/18, 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

SECTION 2.3
CITY OF PHOENIX

POTW PRETREATMENT ANNUAL REPORT

CITY OF PHOENIX, ARIZONA

NPDES Permit Holder: City of Phoenix, ArizonaPeriod Covered by this Report: 01/01/2018 through 12/31/2018Name of Wastewater Treatment Plant: 23rd Avenue Wastewater Treatment PlantNPDES 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.

2/5/19

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, ArizonaPeriod Covered by this Report: 01/01/2018 through 12/31/2018Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment PlantNPDES 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):

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.

2/5/19

Date:

Kathryn Sorensen

Kathryn Sorensen
Water Services Department Director
City of Phoenix, Arizona



City of Phoenix

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 2018.

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

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	1324
Construction Inspections	53
SSO Investigations - Residential Areas	16
SSO Investigations - Commercial/Industrial Areas	16
Routine/Educational Stormwater Inspections	1296
Notices of Violation	15
Back Billing for Damages	\$ 0.00
Plans Reviewed for Pretreatment	1053

- **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 Significant Noncompliant
- 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, 2018 through December 31, 2018 are summarized below.

- **General Community Outreach / Education**

IPP Staff participated in the following Community Outreach Events:

Community Outreach Events			
Event	Organizer	Dates	Attendees
GirlPowered Event	West-MEC Technical School	02/23/2018	15
AZ Game & Fish Department Expo	Arizona Game & Fish	03/24/2018	3,000
Tres Rios Nature Festival	Arizona Game & Fish	03/03/2018	1,000
Tour De Slope	East Sunnyslope Neighborhood Association	04/26/2018	1,000
Chinese Culture & Cuisine Festival	Phoenix Chinese Week	02/16/2018	1,000

IPP staff presented at the 24th 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. The event attracts over 3,000 attendees from various states and countries and provides over 200 classes among other learning opportunities. Staff presented specifically on Industrial Bakeries, "Cottage Food" & Pretreatment with a focus on Industrial Pretreatment.

- **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 2018, 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, 2018	<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, 2018		44
Laboratory Analytical Issues	Water Services Building May 30, 2018		39
Enforcement	Water Services Building July 25, 2018		47
Pollution Prevention (P2)	Water Services Building September 26, 2018		22
Stormwater Compliance Overview	Water Services Building November 28, 2018		36

- ***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 2018, the Industrial Pretreatment Section inspected 52 Class B Permittees.

CLASS B ZERO CATEGORICAL WASTEWATER DISCHARGE PERMITTEES		
FACILITY NAME	FACILITY ADDRESS	FACILITY TYPE
Precise Metal Products Company	4534 North 44th Avenue	Metal Finishing PSNS
Southwest Refining Corporation	1205 West Hilton Avenue	Centralized Waste Treatment Subpart A Metals PSNS
Thermo Fluids, Inc.	4301 West Jefferson Street	Centralized Waste Treatment
STP Performance Coating, LLC	1131 West Watkins Street	Metal Finishing PSNS
Environmental Management Utility Services, LLC.	2132 South 5th Avenue	Centralized Waste Treatment Subpart B Oils PSNS
Veolia ES Technical Solutions, LLC	5736 West Jefferson Street	Centralized Waste Treatment
Precision Industrial Painting, Inc	1139 West Hilton Avenue	Metal Finishing
R.B. Machine Company, Inc.	3729 West Buchanan Street	Metal Finishing
D & R Home Decor LLC	2204 East Magnolia Street	Metal Finishing
Coating Technologies, Inc	21438 North 7th Avenue	Metal Finishing
Arizona Hard Chrome, Inc.	2609 West Cypress Street	Metal Finishing
Diversified Metals, Inc.	9849 North 19th Drive, Suite 2	Metal Finishing
Gannon & Scott Phoenix, Inc.	2113 East Sky Harbor Circle South	Centralized Waste Treatment Subpart A Metals PSNS
Collins Metal Finishing	3536 East Illini Street	Metal Finishing PSNS
Lincoln Laser Company	234 East Mohave Street	Metal Finishing PSNS
PMA Photometals of Arizona	3040 North 27th Avenue	Metal Finishing
Bergmann Precision, Inc. - Bergmann Group	3730 East Southern Avenue	Metal Finishing PSNS
Aero Spring & Manufacturing Co., Inc.	3335 East Wier Avenue	Metal Finishing PSNS
Verco Decking, Inc.	4340 North 42nd Avenue	Coil Coating-Canmaking PSES
Purcell Tire Company	420 South 35th Avenue	Rubber Manufacturing PSNS
Total Seal Piston Rings, Inc.	22642 North 15th Avenue	Metal Finishing PSNS
Phoenix Tool & Gage, Inc.	2612 West Encanto Boulevard	Metal Finishing
Noranco Jet Processing	2660 West Quail Avenue	Metal Finishing
Troy Corporation Arizona	113 South 47th Avenue	Pesticide Chemicals PSNS
Phoenix Metalcraft, Inc.	3845 North 29th Avenue	Metal Finishing
Southwest Powder Coating, Inc.	116 North 59th Avenue	Metal Finishing PSNS
GE Parallel Design, Inc.	4313 East Cotton Center Boulevard	Electrical Components PSNS
Helio's Designer Hardware	2645 East Adams Street	Metal Finishing
Profile Precision Extrusion	7225 West Sherman Street	Aluminum Forming
Osborn Products, Inc.	1127 West Melinda Way	Metal Finishing
L.B.O. Plating	2008 West Jackson Street	Metal Finishing PSNS
Ducommun Technologies	1601 East Broadway Road	Metal Finishing
Royal Sign Company, Inc.	2631 North 31st Avenue	Metal Finishing
Ohlinger Industries, Inc.	1211 West Melinda Lane	Metal Finishing PSNS
CMR Manufacturing, Inc.	2421 East Jackson Street	Metal Finishing PSNS
American Tube and Pipe	2528 North 27th Avenue	Metal Finishing PSES
Sun West Engineering, Inc.	3802 West Broadway Road	Metal Finishing
Controlled Thermal Technology, Inc.	2617 West Cypress Street	Metal Finishing
American Aerospace Technical Castings, Inc.	2950 West Catalina Drive	Iron and Steel Manufacturing
Phoenix Heat Treating, Inc.	2405 West Mohave Street	Metal Finishing PSNS

CLASS B ZERO CATEGORICAL WASTEWATER DISCHARGE PERMITTEES		
FACILITY NAME	FACILITY ADDRESS	FACILITY TYPE
Contact Coatings, LLC	1930 West Quail Avenue, Suite B	Metal Finishing PSNS
Perma-Finish, Inc.	74 North 45th Avenue	Metal Finishing PSNS
Precision Science	1517 West Knudsen Drive	Pesticide Chemicals PSNS
Arizona Polymer Flooring	4565 West Watkins Street	Paint Formulating PSNS
Bernie's Brass	2326 East Magnolia Street	Metal Finishing PSNS
Blue Cross Laboratories	2302 North 31 st Avenue	Soap and Detergent Manufacturing PSNS
Dolphin, Inc.	440 North 51 st Avenue	Metal Molding and Casting PSNS
Elite Technical Coatings, LLC.	2939 West Culver Street	Metal Finishing PSNS
Intrepid Coatings, Inc.	1910 East Riverview Drive	Paint Formulating 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
Strand Industries	1202 West Watkins Street	Metal Finishing PSNS

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

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. In addition, to improve communication effectiveness, some WSD/ESD Staff attended Western States Project “Verbal Judo Training”.

▪ **Group Training:**

The Commercial Inspections/FOG Section and IPP staff attended/presented at the AZ Water Pretreatment Committee’s 5th Pretreatment Training Workshop at the Tempe Transit Center on February 6-7, 2018. Pretreatment inspectors from government agencies, environmental professionals, and industry experts attended the workshop to receive training and to address issues facing pretreatment programs. There were a variety of presentation topics on the first day, including EPA and ADEQ updates, outreach, developing commercial and/or industrial pretreatment programs, interceptor function and technologies, plan review, conducting inspections, overview of industrial pretreatment, microbreweries, pH neutralization treatment technologies, and managing sewer infrastructure. The second day of the workshop provided a thorough discussion on wastewater sampling and monitoring, quality assurance and quality control, mobile food units, illicit discharges, and a much-anticipated panel discussion with top industry professionals. Staff presented specifically on the City of Phoenix IPP restructuring and overview of accomplishments.

The Commercial Inspections/FOG Section and IPP staff attended/presented at the AZ Water AZ FOG Fall Workshop held at the Residence Inn in Tempe on November 7-8, 2018. The two-day fats, oils, and grease (FOG) workshop’s intent was to inform, educate, and train water and wastewater professionals, technicians, regulatory inspectors, managers, policymakers, and others on the latest breakthroughs in FOG program development and management. Staff presented specifically on Industrial Bakeries, “Cottage Food” & Pretreatment with a focus on FOG as well as improvements at the Arizona State Fairgrounds related to FOG management, and surveillance of illegal dumping to the POTW.

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 2018. 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 Hearings 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.

▪ ***Process Improvement***

The Wastewater Monitoring Section (WWM) participated in a four-day Kaizen event with the purpose of developing a more efficient and cost effective work process. Throughout the Kaizen event, WWM staff identified several focus areas as part of the project scope with the intent to redistribute responsibilities, restructure current work processes, and increase efficiency, among other potential outcomes. Utilizing the Lean Six Sigma, Root Cause Analysis, 5 Why's, Swim Lanes and Downtime Principle within the Kaizen event, WWM was able to analyze their process and identify opportunities and success strategies to develop and implement for future use.

City of Phoenix						
2018 Published Pretreatment Enforcement Actions						
Industrial User Name	SNC?	40 CFR	Violations	Show Cause Hearing Date	Penalty Collected	Newspaper Publication Fee PSA/CD
1 Metco Metal Finishing, LLC	Yes	433.17	Monthly Average TRC for 3 rd Quarter 2017 – Zinc	04/06/2018	\$11,946.00	\$1,000.00 125503-0

2018 TOTAL \$11,946.00

CITY OF PHOENIX

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES		
January 1, 2018 – December 31, 2018 – Total Pretreatment Expenditures		
	\$	4,764,203
PRETREATMENT PROGRAM EXPENDITURES		
Personnel	\$	2,903,509
Operations & Maintenance	\$	266,957
Laboratory	\$	1,467,582
Equipment	\$	- 0
Vehicles	\$	126,155
PRETREATMENT PROGRAM EQUIPMENT INVENTORY		
<u>Equipment Name</u>	<u>Purchased 2018</u>	<u>Total 2018</u>
Photo Ionization Detector	0	1
Flow Meters	1	27
Auto Samplers	4	26
Turbidimeters	0	3
pH/DO/Conductivity Meters	1	5
Chlorine Colorimeters	0	3
Air Movers	0	4
Confined Space Harnesses	0	9
Air/Gas Detectors	3	9
Cameras	0	18
Night Vision Cameras	0	1
Pole Cameras/GoPro	3	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 2018</u>	<u>Total 2018</u>
Sampling Passenger Vans	1	1
Sampling 4WD Pickups	0	1
Inspector Pickups	0	7 ¹
Sampling Vans	0	4
Vehicle Pool Sedans	0	4 (Pool) ²
¹ One inspector pickup was acquired "on loan".		

PRETREATMENT PROGRAM VEHICLE INVENTORY

staff located on the 23rd Avenue WWTP.

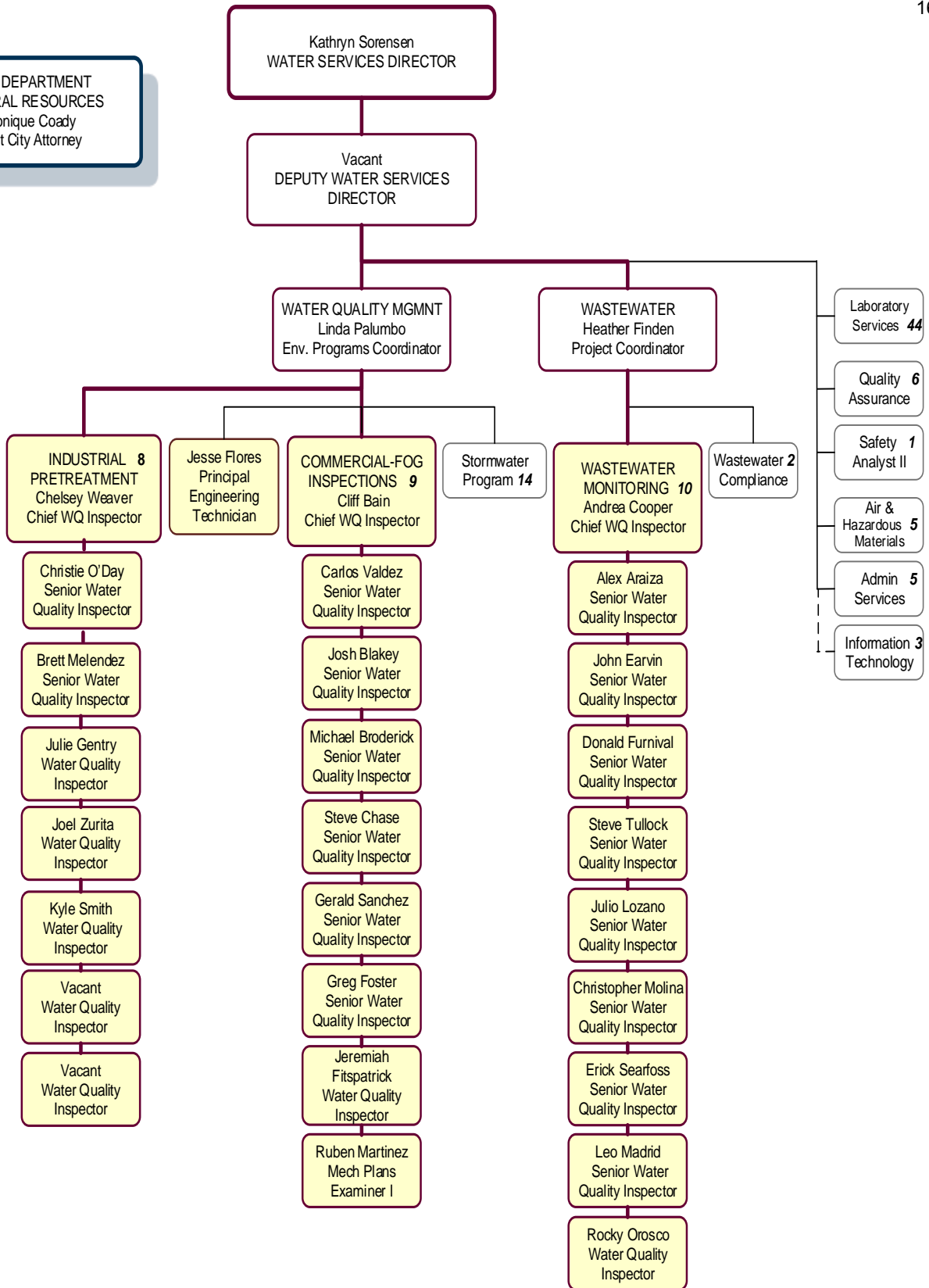
² Vehicle pool sedans which are used for inspections of industrial facilities are shared by all

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2017</u>	<u>FTEs 2018</u>
Deputy Water Services Director	1.0 ³	1.0 ³
Civil Engineer III	0.5 ³	0.5 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	4.0	5.0
Inspector Vacancies	0	2
Information Technology Application Programmer III	0.25 ³	0.25 ³
Information Technology Application Programmer I	0.5 ³	0.5 ³
Computer Operator	0.5 ³	0.5 ³
Secretary II	0.25 ³	0.25 ³

³ These positions dedicate time to other Water Department functions.

LAW DEPARTMENT
NATURAL RESOURCES
Monique Coady
Asst City Attorney



**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018**

	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.	American Beverage Corporation 2426 South 7th Street Phoenix, Arizona 85034-6500	23rd Avenue	3324	City Code
7.	Ameripride Services Inc. 6025 West Van Buren Street Phoenix, Arizona 85043-3509	91st Avenue	7213	City Code
8.	Angelica (Angelica Corporation) 4410 West Mohave Avenue Phoenix, Arizona 85043-8304	91st Avenue	7218	City Code
9.	APS BioGroup, Inc. 2235 South Central Avenue Phoenix, Arizona 85004-2909	23rd Avenue	7218	439.47
10.	APS West Phoenix Power Plant 4606 West Hadley Street Phoenix, Arizona 85043-3933	91st Avenue	4911	423.16
11.	Aramark Uniform and Career Apparel, Inc. 3836 West Buckeye Road # F Phoenix, Arizona 85009	91st Avenue	7218	City Code
12.	Arizona Foods Group 2517 East Chambers Street Phoenix, Arizona 85040-3640	91st Avenue	3674	City Code
13.	Arizona Precision Sheet Metal, Inc. 2140 West Pinnacle Peak Road Phoenix, Arizona 85027-1200	91st Avenue	3444	433.17
14.	ASM America Inc.-University Drive Plant 3440 East University Drive Phoenix, Arizona 85034-7200	91st Avenue	3674	469.18
15.	Avanti Circuits, Inc. 17650 North 25th Avenue - Suite #5 Phoenix, Arizona 85023	91st Avenue	3672	433.17
16.	Baker Commodities, Inc. (Elwood) 3602 West Elwood Street Phoenix, Arizona 85009	91st Avenue	2077	City Code
17.	Banner Estrella Medical Center 9201 West Thomas Road Phoenix, Arizona 85035	91st Avenue	8062	City Code
18.	Banner Health – Banner University Medical Center Phoenix Campus 1111 East McDowell Road Phoenix, Arizona 85006-2612	23rd Avenue	8062	City Code

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
19.	Café Valley, Inc. 7000 West Buckeye Road Phoenix, Arizona 85043-4306	91st Avenue	2050	City Code
20.	Carl T. Hayden Medical Center 650 East Indian School Road Phoenix, Arizona 85012-1892	23rd Avenue	8062	City Code
21.	Cassavant Assembly & Processing, LLC. 3725 East Atlanta Avenue Phoenix, Arizona 85040-2960	91st Avenue	3471	433.17
22.	Celgene Corporation 620 North 51 st Avenue Phoenix, Arizona 85043-2702	91st Avenue	2834	439.47
23.	Certified Inspection Service Company, Inc. 21 South 41 st Street Phoenix, Arizona 85034	23rd Avenue	3479	433.17
24.	ChemResearch Co., Inc. 1130 West Hilton Avenue Phoenix, Arizona 85007-4306	23rd Avenue	3471	433.17
25.	Chromalloy Arizona 5161 West Polk Street Phoenix, Arizona 85043	91st Avenue	7699	433.17
26.	Cintas Corporation 5501 West Hadley Street Phoenix, Arizona 85043	91st Avenue	7218	City Code
27.	Cintas -Roosevelt St (G&K Services, Inc.) 4804 West Roosevelt Street Phoenix, Arizona 85043	91st Avenue	7218	City Code
28.	CleanPart Southwest LLC 3844 East University Drive Phoenix, Arizona 85034-7221	91st Avenue	3479	433.17
29.	Crothall Laundry Services Inc.- The Commercial Linen Exchange 4445 South 36 th Street Phoenix, Arizona 85040	91st Avenue	7213	City Code
30.	Dignity Health –St. Joseph’s Hospital & Medical Center 350 West Thomas Road Phoenix, Arizona 85013-4409	23rd Avenue	8062	City Code
31.	District Photo, Inc. 2500 East Chamber Street Phoenix, Arizona 85040-3639	91st Avenue	7384	City Code
32.	DS Services of America, Inc. 3302 West Earl Drive Phoenix, Arizona 85017	91st Avenue	2086	City Code
33.	Dunn-Edwards Corporation 520 South 67 th Avenue Phoenix, Arizona 85043-4432	91st Avenue	2851	City Code
34.	Entrepix, Inc. 4717 East Hilton Avenue Phoenix, Arizona 85034-6404	91st Avenue	3674	469.18
35.	FlipChip International, LLC 3701 East University Drive Phoenix, Arizona 85034	91st Avenue	3674	469.18
36.	FM Industries, Inc. Building “D” 2104 West Roosevelt Street Phoenix, Arizona 85009-3703	23rd Avenue	3471	433.17

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
37.	Frontier Group (Futureweld Company, Inc.) 3518 East Wood Street Phoenix, Arizona 85040	91st Avenue	3471	433.17
38.	Global Healing Center (Biodynamic) 925 East Salter Drive Phoenix, Arizona 85024-5648	91st Avenue	2833	439.47
39.	Gregory Packaging, Inc. 439 South 55th Avenue Phoenix, Arizona 85043-4621	91st Avenue	2033	City Code
40.	Hadrian Inc. 3602 West Washington Street Phoenix, Arizona 85009-4767	91st Avenue	3471	433.17
41.	Heligear Acquisition Co.- D-Velco Manufacturing of Arizona, Inc. 401 South 36th Street Phoenix, Arizona 85034-2812	23rd Avenue	3599	433.17
42.	Heligear Acquisition Co.- Northstar Aerospace (Phoenix) 300 South 23 rd Street Phoenix, Arizona 85034-2500	23rd Avenue	3599	433.17
43.	Holsum Bakery, Inc. 2322 West Lincoln Street Phoenix, Arizona 85009	23rd Avenue	2051	City Code
44.	Honeywell International Inc. Former Peoria Avenue Facility/EW-1 2305 West Mercer Lane Phoenix, Arizona 85051	91st Avenue	9999	City Code
45.	Honeywell International, Inc. Former Peoria Avenue Facility/MW-10 2251 West Sierra Street Phoenix, Arizona 85029	91st Avenue	9999	City Code
46.	Honeywell International, Inc. Honeywell Aerospace – Deer Valley 21111 North 19 th Avenue Phoenix, Arizona 85027-2708	91st Avenue	3812	469.18
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

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
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
53.	Hydro Extrusions North America, LLC - Remelt Operation (Sapa) 249 South 51 st Avenue Phoenix Arizona 85043-3715	91st Avenue	3354	467.35
54.	IASIS Heath Care - Saint Luke's Medical Center 1800 East Van Buren Street Phoenix, Arizona 85006-3742	23rd Avenue	8062	City Code
55.	Liquid Environmental Solutions of Arizona, LLC 5159 West Van Buren Street Phoenix, Arizona 85043	91st Avenue	4953	437.47
56.	Liquid Environmental Solutions of Arizona LLC - Magnolia Street 1095 West Magnolia Street Phoenix, Arizona 85007-4508	91st Avenue	4953	City Code
57.	Maricopa Integrated Health System 2601 East Roosevelt Street Phoenix, Arizona 85008	23rd Avenue	8062	City Code
58.	Marlyn Nutraceuticals - Naturally Vitamins 4404 East Elwood Street Phoenix, Arizona 85040	91st Avenue	2834	439.47
59.	Mastel Linen, Inc. 2940 West Virginia Ave Phoenix, Arizona 85009-1607	23rd Avenue	7218	City Code
60.	Mayo Clinic Arizona – Mayo Clinic Hospital 5777 East Mayo Boulevard Phoenix, Arizona 85054-4502	91st Avenue	8062	City Code
61.	Mega Metals, LLC. (Mega Metals Unlimited, LLC.) 1325 North 22nd Avenue Phoenix, Arizona 85009-3714	23rd Avenue	5093	421 .306(m)
62.	Metco Metal Finishing, LLC 3508 East Corona Avenue Phoenix, Arizona 85040-2842	91st Avenue	3471	433.17
63.	Milum Textile Services 333 North 7 th Avenue Phoenix, Arizona 85007-2533	23rd Avenue	7218	City Code
64.	Mission Linen Supply, Inc. 2652 South 16 th Street Phoenix, Arizona 85034	23rd Avenue	7213	City Code
65.	Mistras Arizona Inspection Services, Inc. (Semi Ray Inspection Services, Inc.) 3027 East Washington Street Phoenix, Arizona 85034-1517	23rd Avenue	3764	433.17
66.	Modern Industries, Inc. 4755 East Beautiful Lane Phoenix, Arizona 85044	91st Avenue	3471	433.17
67.	MPP Group of Companies 230 South 49th Avenue Phoenix, Arizona 85043-3905	91st Avenue	3471	433.17
68.	Nestle Waters North America, Inc. 1635 South 43 rd Avenue Phoenix, AZ 85009-6026	91 st Avenue	2086	City Code

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
69.	Niagara Bottling, LLC. 275 South 67 th Avenue Phoenix, Arizona 85043-3427	91 st Avenue	2086	City Code
70.	NXP USA, Inc. 52nd ST Superfund Site OU 1 5005 East McDowell Road Phoenix, Arizona 85008	91 st Avenue	9999	City Code
71.	PAS Technologies, Incorporated 1021 North 22 nd Avenue Phoenix, Arizona 85009	23 rd Avenue	3471	433.17
72.	PepsiCo - Bottling Group, LLC 4242 East Raymond Street Phoenix, Arizona 85040	91 st Avenue	2086	City Code
73.	Phoenix Children's Hospital 1919 East Thomas Road Phoenix, Arizona 85016	23 rd Avenue	8062	City Code
74.	Phoenix Indian Medical Center 4212 North 16 th Street Phoenix, Arizona 85016-5319	23 rd Avenue	8062	City Code
75.	Phoenix Manufacturing, Inc. 3655 East Roeser Road Phoenix, Arizona 85040-3968	91 st Avenue	3585	433.15
76.	Prudential Overall Supply 5102 West Roosevelt Street Phoenix, Arizona 85043	91 st Avenue	7218	City Code
77.	Quantum Global Technologies, LLC 2101 West Roosevelt Street Phoenix, Arizona 85009	23 rd Avenue	7699	433.17
78.	Quantum Global Technologies, LLC dba Quantum Clean 3925 East Watkins Street, Suite 100 Phoenix, Arizona 85034	91 st Avenue	3479	433.17
79.	Rexam Beverage Can Company 211 North 51 st Avenue Phoenix, Arizona 85043-3704	91 st Avenue	3411	465.45
80.	Safeway Phoenix Ice Cream Plant 2434 East Pecan Road Phoenix, Arizona 85040	91 st Avenue	3674	City Code
81.	Sagamore Camelback, LLC. (One Camelback) 1 East Camelback Road Phoenix, Arizona 85012-1668	23 rd Avenue	9999	City Code
82.	Sav-On Plating, Inc. 17 West Watkins Street Phoenix, Arizona 85003-2824	23 rd Avenue	3471	433.17
83.	Shamrock Foods Company – Dairy Division 2228 North Black Canyon Highway Phoenix, Arizona 85009-2707	23 rd Avenue	2026	City Code
84.	Shearer's Foods, LLC – Barrel 0' Fun Snack Foods Southwest 7330 West Sherman Street Phoenix, Arizona 85043-4751	91 st Avenue	2096	City Code
85.	Signetix, Inc. 2611 South 7 th Street, Suite 101 Phoenix, Arizona 85034-6523	91 st Avenue	5093	433.17
86.	SkyChefs-Inc. – LSG SkyChefs 1451 South 23 rd Street Phoenix, Arizona 85034	23 rd Avenue	5812	City Code

For the Year Ending December 31, 2018

**CITY OF PHOENIX
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018**

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
87.	Specialty Textile Services 720 West Buchanan Street Phoenix, Arizona 85007-3405	23rd Avenue	7218	City Code
88.	SUMCO Southwest Corporation 19801 North Tatum Boulevard Phoenix, Arizona 85050-4201	91st Avenue	3674	469.28
89.	Sumitomo Chemical Advanced Technologies, LLC. (Sumika) 3832 East Watkins Street Phoenix, Arizona 85034	91st Avenue	3674	469.18
90.	The Proctor & Gamble Company 2050 South 35 th Avenue Phoenix, Arizona 85009	91st Avenue	2834	439.46
91.	UniFirst Corporation 104 North 14 th Street Phoenix, Arizona 85034-1114	23rd Avenue	7218	City Code
92.	Upper Crust Bakery 3655 West Washington Street Phoenix, Arizona 85009-4759	91 st Avenue	2051	City Code
93.	Valkyrie Industries, Inc. 6033 West Sherman Street Phoenix, Arizona 85043	91st Avenue	3471	433.17
94.	World Resources Company 8113 West Sherman Street Phoenix, Arizona 85353-4025	91st 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 2018:

Global Healing Center
 American Beverage Corporation
 Nestle Waters North America Inc.

DELETIONS

The following Significant Industrial Users have ceased operations in 2018:

Valkyrie Industries Inc.

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2018:
RECLASSIFIED TO

NAME CHANGES

The following Significant Industrial Users changed their names in 2018:

One Camelback	IS NOW	Sagamore Camelback, LLC.
BioDynamic Manufacturing LLC.	IS NOW	Global Healing Center Inc.
FutureWeld Company Inc.	IS NOW	Frontier Group
Sapa Extrusions North America Plant 1	IS NOW	Hydro Extrusions North America Plant 1
Sapa Extrusions North America Plant 2	IS NOW	Hydro Extrusions North America Plant 2
Sapa Extrusions North America Remelt	IS NOW	Hydro Extrusions North America Remelt

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

Sumika Electronic Materials	IS NOW	Sumitomo Chemical Advanced Technologies LLC.
Angelica Corp.	IS NOW	Angelica
Mega Metals Unlimited, LLC.	IS NOW	Mega Metals LLC.

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, 2018			Categorical IUs: 15		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	13	86.7	8	42.1	21	61.7
2. No. of SIUs in Inconsistent Compliance	1	6.7	10	52.6	11	32.4
3. No. of SIUs in Significant Noncompliance	1	6.7	1	5.3	2	5.9
4. No. of Parameter Violations	7		11		18	
5. No. of Reporting Violations	1		7		8	
6. No. of Permit Condition Violations	4		2		6	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	15		19		34	
2. No. of Nonsampling Inspections Conducted	16		27		43	
3. No. of Facilities Inspected (Nonsampling)	14		18		32	
4. No. of Sampling Visits Conducted	121		191		332	
5. No. of Facilities Sampled	15		18		33	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
1. Notices of Violations Issued to SIUs	8		17		25	
2. Temporary Increase in IU Self Monitoring	3		5		8	
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 / 0		\$ 0 / 0		\$ 0 / 0	

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, 2018			Categorical IUs: 45		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	34	75.6	27	51.9	61	62.9
2. No. of SIUs in Inconsistent Compliance	7	15.6	23	44.2	30	30.9
3. No. of SIUs in Significant Noncompliance	4	8.9	2	3.8	6	6.2
4. No. of Parameter Violations	19		28		47	
5. No. of Reporting Violations	6		21		27	
6. No. of Permit Condition Violations	7		13		20	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	45		52		97	
2. No. of Nonsampling Inspections Conducted	51		64		115	
3. No. of Facilities Inspected (Nonsampling)	44		50		94	
4. No. of Sampling Visits Conducted	374		556		950	
5. No. of Facilities Sampled	45		51		96	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
1. Notices of Violations Issued to SIUs	22		47		69	
2. Temporary Increase in IU Self Monitoring	7		10		17	
3. Administrative Orders Issued to SIUs	0		0		0	
4. Compliance Schedules Issued	0		1		1	
5. Settlement Agreements	1		0		1	
6. Other Actions	0		0		0	
7. Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$12,946.00 / \$12,946.00		\$ 0 / 0		\$12,946.00 / \$12,946.00	

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

NAME: AAA Ajax Pumping Service, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 2433 South 7 th Avenue, Phoenix, Arizona 85007-4302		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 12/07/1998	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 10/01/2018	PERMIT EXPIRES: 09/30/2023	
SAMPLING LOCATION VERIFIED ON: 10/18/2018		RCRA NOTICE: 12/07/1998		
SLUG CONTROL PLAN EVALUATION DATE: 10/18/2018		COMPLIANCE SAMPLING POINT No: 5405.01		
	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	2	3	3	2
Number of IU Sampling Days	6	6	6	6
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	S
Evaluated as of:	04/30/2018	08/20/2018	10/19/2018	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	Effluent	08/29/2018	Composite	City	City	Mercury (D)	0.0066/0.0023 mg/L	2
			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(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: AAA Ajax Pumping Service, Inc.

Process Flow: 22,287 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	<p>On 10/19/2018 the City became aware of a daily Mercury exceedance from City sampling on 08/29/2018. After additional QA/QC was performed, an NOV and 30-day resample were issued on 11/27/2018. The IU met all requirements.</p> <p>On 02/06/2019 the IU was notified of 4th Quarter Significant Non-Compliance for Daily Limit Technical Review Criteria (TRC) for the above Mercury exceedance.</p>

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

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

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

179

NAME: Abrazo Central Campus (Phoenix Baptist Hospital)		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 2000 West Bethany Home Road Phoenix, Arizona 85015-2443		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: 03/13/2018		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 03/13/2018		COMPLIANCE SAMPLING POINT No: 2680.04, 2680.05		
	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	4
Number of IU Sampling Days	1	1	2	1
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	3	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	04/26/2018	07/26/2018	10/25/2018	02/05/2019

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	Reporting	03/05/2018	N/A	N/A	N/A	Late TISM		
1 st	Reporting	03/06/2018	N/A	N/A	N/A	Late TISM		
1 st	Reporting	03/07/2018	N/A	N/A	N/A	Late TISM		
			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	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: Abrazo Central Campus (Phoenix Baptist Hospital)
 Process Flow: 188,247 (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	<p>On 01/24/2018, the City became aware of a pH exceedance that occurred on 12/29/2017. On 02/13/2018, an NOV and TISM were issued for the effluent violation and an additional NOV was issued on 02/13/2018 for a late reporting violation of the 24-Hour notification requirement for the pH exceedance. Notification was due on 12/30/2017 but was not received until 01/24/2018, 25-days late. The IU met all requirements.</p> <p>On 03/26/2018 an NOV was issued for late TISM reporting, due 03/04/2018, 03/05/2018, and 03/06/2018. The reports were received on 03/07/2018, which were 3, 2, and 1 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: Abrazo Scottsdale Campus				REPORT PERIOD: 01/01/2018 through 12/31/2018				
SERVICE: 3929 East Bell Road				MAILING ADDRESS: Same				
ADDRESS: Phoenix Arizona 85032-2112								
CATEGORICAL USER? No		40 CFR Local Limits		LIMITS APPENDIX: A		BMR SUBMITTED: N/A		
TTO CERTIFICATION DATE SUBMITTED: N/A				PERMIT EFFECTIVE: 02/01/2017		PERMIT EXPIRES: 01/31/2022		
SAMPLING LOCATION VERIFIED ON: 11/16/2018				RCRA NOTICE: 12/28/2002				
SLUG CONTROL PLAN EVALUATION DATE: 11/16/2018				COMPLIANCE SAMPLING POINT №: 20565.02				
	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	0		3		0		4	
Number of IU Sampling Days	2		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		1		0	
Compliance Status	C		C		I		I	
Evaluated as of:	02/12/2019		02/12/2019		02/12/2019		02/12/2019	

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	07/01/2018	N/A	N/A	N/A	Failure to Sample Zn		
4 th	Reporting	11/12/2018	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	N	A(2)		

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: Abrazo Scottsdale Campus

Process Flow: 28,335 (GPD) Average

General Information and type of wastewater treatment	<p>The facility is a community hospital.</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	<p>An NOV was issued on 10/29/2018 for IU failure to sample for zinc in the first 6-months of 2018. All requirements for the violation have been met.</p> <p>An NOV was issued on 12/03/2018 for late reporting. An NOV response was due 11/12/2018 and was not submitted until 11/21/2018, 9 days late. All requirements for this violation have been 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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Allied Tube & Conduit Corporation

Process Flow: 817 (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 **X** No

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

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

185

NAME: AlSCO, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
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: 09/04/2018		RCRA NOTICE: 12/10/2010		
SLUG CONTROL PLAN EVALUATION DATE: 09/04/2018		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	1	0	1	0
Number of City Sampling Days	4	3	4	3
Number of IU Sampling Days	3	3	4	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:	05/07/2018	08/27/2018	12/11/2018	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
2 nd	Permit Condition	06/30/2018	N/A	N/A	N/A	Failure to Sample COD & DEHP		
			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 | |
| 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: AlSCO, Inc.
 Process Flow: 83,402 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	On 08/06/2018, an NOV was issued for IU failure to sample for COD and DEHP for the month of June 2018. The City became aware of the violation on 07/23/2018 upon submittal of the SMR and the date of violation was 06/30/2018. All requirements of the NOV were met.
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**

187

NAME: American Beverage Corporation		REPORT PERIOD: 01/01/2018 through 12/31/2018		
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: 07/1/2018	PERMIT EXPIRES: 06/30/2023	
SAMPLING LOCATION VERIFIED ON: 12/06/2018		RCRA NOTICE: 06/15/2018		
SLUG CONTROL PLAN EVALUATION DATE: 12/06/2018		COMPLIANCE SAMPLING POINT №: 29496.00		
	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
Number of City Sampling Days			0	0
Number of IU Sampling Days			1	1
Number of Parameter Violations			0	0
Number of Inspection Violations			0	0
Number of Reporting Violations			0	0
Number of Permit Cond. Violations			0	1
Compliance Status			C	I
Evaluated as of:			12/31/2018	02/12/2019

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
4 th	Permit Condition	12/30/2018	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		

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: 8,940 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. Plans for a pH neutralization system have been approved and should be installed by March 1, 2019.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth 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>

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: AmeriPride Services, Inc.
 Process Flow: 125,796 (GPD) Average

General Information and type of wastewater treatment	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.
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: Angelica Corporation
 Process Flow: 149,793 (GPD) Average

General Information and type of wastewater treatment	<p>Angelica Corporation 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	<p>Angelica Corporation has changed name and ownership; the new company Angelica was issued a new Permit No. 1809-21470 that took effect on September 1, 2018 with an expiration date of July 31, 2023.</p>
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: Angelica
 Process Flow: 142,898 (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	<p>Angelica Corporation has changed name and ownership and was issued a new Permit as Angelica. The new Permit No 1809-21470 took effect on September 1, 2018 with an expiration date of July 31, 2023.</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: APS BioGroup, Inc.			REPORT PERIOD: 01/01/2018 through 12/31/2018	
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: 05/04/2018		RCRA NOTICE: 10/18/2017		
SLUG CONTROL PLAN EVALUATION DATE: 05/04/2018		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	0	1	0	1
Number of City Sampling Days	3	5	4	3
Number of IU Sampling Days	2	2	6	1
Number of Parameter Violations	2	3	1	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	1	0	0	0
Number of Permit Cond. Violations	1	1	1	1
Compliance Status	S	I	S	I
Evaluated as of:	05/22/2018	12/26/2018	12/26/2018	02/12/2019

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	Permit Condition	01/01/2018	N/A	N/A	N/A	Failure to Sample		
1 st	Parameter	01/31/2018	Grab	Federal	IU	Acetone (MAV)	18.0/8.2 mg/L	3
1 st	Parameter	01/31/2018	Grab	Federal	City	Acetone (MAV)	17.0/8.2 mg/L	3
1 st	Reporting	03/24/2018	N/A	N/A	N/A	Late NOV Response		
2 nd	Parameter	04/05/2018	Grab	Federal	IU	Acetone (D)	21.0/20.7 mg/L	2
2 nd	Parameter	04/30/2018	Grab	Federal	IU	Acetone (MAV)	13.25/8.2 mg/L	1
2 nd	Permit Condition	05/20/2018	N/A	N/A	N/A	Failure to Sample		
2 nd	Parameter	06/21/2018	Grab	City	City	pH (Instantaneous)	11.2/10.5 S.U.	6
3 rd	Permit Condition	07/08/2018	N/A	N/A	N/A	Failure to Sample		
3 rd	Parameter	07/31/2018	Calculated	Federal	IU	Acetone (MAV)	15.9/8.2 mg/L	1
4 th	Permit Condition	09/24/2018	N/A	N/A	N/A	Failure to Notify		
			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)	A(2), L	A(3)	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: APS BioGroup, Inc

Process Flow: 43,081 (GPD) Average

<p>General Information and type of wastewater treatment</p>	<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>
<p>First Quarter</p>	<p>On 03/01/2018, an NOV was issued for IU failure to sample for several parameters during the last quarter of 2017. All requirements of the NOV were met.</p> <p>On 03/07/2018, an NOV and 30-day resample was issued for a monthly average Acetone exceedance that occurred during IU sampling on 01/31/2018. The City became aware of the exceedance after calculating the results from the January SMR. The IU met all requirements.</p>
<p>Second Quarter</p>	<p>On 04/20/2018, an NOV was issued for submitting a late NOV response, which was due on 03/23/2018. The NOV response was postmarked on 04/13/2018 and received on 04/16/2018; 21 days late accounting for the postmark date. All requirements of the NOV were met.</p> <p>On 06/21/2018, a Field NOV was issued for a pH exceedance that occurred on 06/21/2018. A TISM was issued on 06/27/2018. The IU met all requirements.</p>
<p>Third Quarter</p>	<p>On 07/09/2018, an NOV was issued for IU failure to sample for pH during May 2018. All requirements of the NOV were met.</p> <p>On 08/01/2018, an NOV was issued for IU failure to sample for pH during the first week of July 2018. All requirements of the NOV were met.</p> <p>On 08/16/2018, a Compliance Status Review Meeting took place to review violations that occurred during the 1st, 2nd and 3rd Quarters of 2018.</p> <p>On 08/24/2018, an NOV was issued for a monthly average Acetone exceedance that occurred on 07/31/2018. The City became aware of the exceedance after calculating the results from the July SMR. The IU met all requirements.</p>
<p>Fourth Quarter</p>	<p>On 12/20/2018, an NOV was issued for IU failure to notify of pretreatment changes due to unapproved changes made in the Pretreatment Area. Completion of NOV requirements is still pending.</p> <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 04/030/2018. The IU met all requirements.</p> <p>On 01/28/2019, the IU was notified of 1st Quarter Significant Non-Compliance (SNC) for Chronic and and Technical Review Criteria (TRC) monthly averages, and of 3rd Quarter SNC for chronic monthly averages due to acetone exceedances.</p>

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

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

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

NAME: APS West Phoenix Power Plant			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE ADDRESS: 4606 West Hadley Street Phoenix, Arizona 85043-4900		MAILING ADDRESS: P.O. Box 53933 MS 4120 Phoenix, Arizona 85072-3933		
CATEGORICAL USER? Yes	40 CFR 423.16	LIMITS APPENDIX: B	BMR SUBMITTED: 01/03/2008	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 04/01/2014		PERMIT EXPIRES: 03/31/2019	
SAMPLING LOCATION VERIFIED ON: 11/27/2018		RCRA NOTICE: 04/07/2009		
SLUG CONTROL PLAN EVALUATION DATE: 11/27/2018		COMPLIANCE SAMPLING POINT No: 1240.03		
	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	0	1
Number of City Sampling Days	5	4	4	6
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:	04/09/2018	07/17/2018	10/12/2018	01/08/2019

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
Enforcement Status			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

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> A - Notice of Violation (NOV) B - Administrative Order (AO) C - Civil Action Filed D - Criminal Action Filed E - Pretreatment Settlement Agreement (PSA) | <ul style="list-style-type: none"> F - Assessment of Monetary Penalties G - Restriction of Flow H - Permit Revocation I - Compliance Schedule Issued J - Disconnection from Sewer | <ul style="list-style-type: none"> K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year L - Temporary Increase in IU Self-Monitoring (TISM) N- No Enforcement Action |
|--|--|--|

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: APS West Phoenix Power Plant

Process Flow: 101,925 (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	
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: Aramark Uniform and Career Apparel, Inc.

Process Flow: 99,561 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	
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: 01/01/2018 through 12/31/2018	
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	
PCTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 01/16/2017		PERMIT EXPIRES: 12/31/2021
SAMPLING LOCATION VERIFIED ON: 06/12/2018		RCRA NOTICE 02/07/2014		
SLUG CONTROL PLAN EVALUATION DATE: 06/12/2018		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	2	4	1
Number of IU Sampling Days	3	2	2	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:	04/16/2018	07/25/2018	12/11/2018	02/05/2019

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: Arizona Foods Group, Inc.
 Process Flow: 18,584 (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	
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: Arizona Precision Sheet Metal, Inc.
(dba APSM Systems)
 Process Flow: 1,591 (GPD) Average

General Information and type of wastewater treatment	<p>APSM Systems manufactures sheet metal enclosures for electric panel boxes, electric switchgear, slot machines, and also assembles printed circuit boards. The facility has three process areas; the chromate conversion coating process line (called the ChemLine) is one of the six core metal finishing processes. The other two process lines perform processes which are "ancillary" to the metal finishing category.</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. The system "batch discharges" via the compliance sampling point (a V-Notch Weir).</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: ASM America, Inc. University Drive Plant

Process Flow: 40,527 (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	
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: Avanti Circuits, Inc.
 Process Flow: 16,346 (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	On 01/22/2018, Permit 1802-1310 was issued with an effective date of 02/01/2018 and an expiration date of 09/30/2019. This Permit revision was due to a compliance sampling point modification.
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: Baker Commodities, Inc. (Elwood)

Process Flow: 116,798 (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	
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: Banner Estrella Medical Center

Process Flow: 82,899 (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

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

NAME: Banner Health - Banner University Medical Center Phoenix Campus				REPORT PERIOD: 01/01/2018 through 12/31/2018			
SERVICE: 1111 East McDowell Road				1021 East Willetta Street			
ADDRESS: Phoenix, Arizona 85006-2612				MAILING ADDRESS: Phoenix, Arizona 85006-2770			
CATEGORICAL USER?	No	40 CFR	Local Limits	LIMITS APPENDIX:	A	BMR SUBMITTED: 12/28/1990	
TTO CERTIFICATION DATE SUBMITTED: N/A				PERMIT EFFECTIVE: 05/01/2017		PERMIT EXPIRES: 10/31/2019	
SAMPLING LOCATION VERIFIED ON: 02/01/2018				RCRA NOTICE: 12/28/1990			
SLUG CONTROL PLAN EVALUATION DATE: 02/01/2018				COMPLIANCE SAMPLING POINT No: 2710.04, 2710.05, 2710.06			
	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		3		0		1
Number of IU Sampling Days	3		3		4		4
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		1		0
Compliance Status	C		I		I		C
Evaluated as of:	02/07/2019		02/07/2019		02/07/2019		02/11/2019

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
2 nd	Permit Condition	05/29/2018	N/A	N/A	N/A	Late SMR		
3 rd	Permit Condition	09/29/2018	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	A(1)	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: Banner Health - Banner University Medical Center Phoenix Campus

Process Flow: 250,167 (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	<p>On 06/06/2018, an NOV was issued for late reporting. The April SMR was due 05/28/2018 and was not submitted until 06/05/2018, 8 days late. All requirements of the NOV were met.</p>
Third Quarter	
Fourth Quarter	<p>On 01/10/2019, an NOV was issued for IU failure to sample for silver during the month of September. 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**

215

NAME: Café Valley Bakery, Inc.			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE 7000 W. Buckeye Rd. ADDRESS: 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: 01/08/2018		RCRA NOTICE: 02/28/2013		
SLUG CONTROL PLAN EVALUATION DATE: 01/08/2018		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	1
Number of City Sampling Days	5	2	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	0	1	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	I	C
Evaluated as of:	09/06/2018	09/06/2018	01/23/2019	02/05/2019

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	Reporting	09/29/2018	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(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: Café Valley Bakery, Inc.

Process Flow: 32,607 (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	<p>On 3/01/2018 the renewed Class A permit 1803-27064 was issued.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 10/11/2018 an NOV was issued for submitting a late self-monitoring report which was due on 9/28/2018. The SMR was received on 10/04/2018; six 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**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Carl T. Hayden Medical Center

Process Flow: 162,857 GPD (Average)

General Information and type of wastewater treatment	The facility conducts normal hospital operations. The 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 **X** No

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Cassavant Assembly & Processing, LLC.

Process Flow: 3,228 GPD (Average)

General Information and type of wastewater treatment	<p>The metal finishing facility conducts passivation, anodizing, non-destructive testing, painting and coating operations. Wastewater treatment consists of wastestream segregation, ion exchange, adsorption and chemical reduction as well as 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: Celgene Corporation

Process Flow: 43,168 (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 will be 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	
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: Certified Inspection Service Company Inc.

Process Flow: 2,179 (GPD) Average

General Information and type of wastewater treatment	<p>This facility performs penetrant dye, magnetic particle, and x-ray inspections. This facility also performs aqueous cleaning, chemical film coating and passivation of machine parts for the aerospace industry. Wastewater pretreatment consists of electrolytic recovery 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: ChemResearch Co., Inc.

Process Flow: 48,179 (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	
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: Chromalloy Arizona
 Process Flow: 4,777 (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	
Second Quarter	
Third Quarter	<p>A renewed permit was issued on 11/09/2018, is effective 01/01/2019 and expires 12/31/2023.</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: Cintas Corporation – Roosevelt Street

Process Flow: 58,272 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

CITY OF PHOENIX SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

231

NAME: Cintas Corporation			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE ADDRESS: 5501 West Hadley Street Phoenix Arizona 85043-4600		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 07/28/1995	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 10/01/2015		PERMIT EXPIRES: 09/30/2020	
SAMPLING LOCATION VERIFIED ON: 10/26/2018		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 11/29/2018		COMPLIANCE SAMPLING POINT No: 5316.01		
	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	3	4	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	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	09/06/2018	09/06/2018	01/25/2019	02/05/2019

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 | 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: Cintas Corporation

Process Flow: 61,358 (GPD) Average

General Information and type of wastewater treatment	
The facility is a commercial laundry. The wastewater treatment consists of a screen filter, three-compartment interceptor and pH adjustment.	
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: Cleanpart Southwest LLC		REPORT PERIOD: 01/01/2018 through 12/31/2018			
SERVICE 3844 East University Drive Suite 2 ADDRESS: Phoenix, Arizona 85034-7221		MAILING ADDRESS: Same			
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E		BMR SUBMITTED: 05/04/2009	
TTO CERTIFICATION DATE SUBMITTED: 01/28/2019	PERMIT EFFECTIVE: 07/01/2014	PERMIT EXPIRES: 06/30/2019			
SAMPLING LOCATION VERIFIED ON: 03/16/2018		RCRA NOTICE: 02/10/2010			
SLUG CONTROL PLAN EVALUATION DATE: 03/16/2018		COMPLIANCE SAMPLING POINT №: 26452.01			
	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	1	1	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	0	0	
Number of Permit Cond. Violations	0	0	0	0	
Compliance Status	C	C	C	C	
Evaluated as of:	04/25/2018	07/25/2018	12/31/2018	02/04/2019	

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 | 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: Cleanpart Southwest LLC

Process Flow: 1,312 (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 **X** No

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

CITY OF PHOENIX SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

235

NAME: Crothall Laundry Services Inc. – The Commercial Linen Exchange		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE 4445 South 36 th Street ADDRESS: Phoenix, Arizona 85040-2901		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 03/28/2014	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 04/01/2014	PERMIT EXPIRES: 03/31/2019	
SAMPLING LOCATION VERIFIED ON: 11/15/2018		RCRA NOTICE: 04/02/2014		
SLUG CONTROL PLAN EVALUATION DATE: 11/15/2018		COMPLIANCE SAMPLING POINT №: 32079.01		
	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	6	4	4
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	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	02/12/2019	02/12/2019	02/12/2019	02/12/2019

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

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> A - Notice of Violation (NOV) B - Administrative Order (AO) C - Civil Action Filed D - Criminal Action Filed E - Pretreatment Settlement Agreement (PSA) | <ul style="list-style-type: none"> F - Assessment of Monetary Penalties G - Restriction of Flow H - Permit Revocation I - Compliance Schedule Issued J - Disconnection from Sewer | <ul style="list-style-type: none"> K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year L - Temporary Increase in IU Self-Monitoring (TISM) N- No Enforcement Action |
|--|--|--|

ENFORCEMENT SUMMARY AND COMMENTS

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

Process Flow: 115,985 (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 **X** No

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

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

237

NAME: Dignity Health - St. Joseph's Hospital & Medical Center				REPORT PERIOD: 01/01/2018 through 12/31/2018			
SERVICE: 350 West Thomas Road				MAILING ADDRESS: Same			
ADDRESS: Phoenix Arizona 85013-4409							
CATEGORICAL USER? No		40 CFR Local Limits		LIMITS APPENDIX: A		BMR SUBMITTED: NA	
TTO CERTIFICATION DATE SUBMITTED: N/A				PERMIT EFFECTIVE: 11/20/2017		PERMIT EXPIRES: 06/30/2022	
SAMPLING LOCATION VERIFIED ON: 11/21/2018				RCRA NOTICE: 12/28/1990			
SLUG CONTROL PLAN EVALUATION DATE: 11/21/2018				COMPLIANCE SAMPLING POINT No: 2690.05, 2690.06, 2690.07, 2690.08, 2690.10			
		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		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	0		
Number of Permit Cond. Violations		0	0	0	0		
Compliance Status		C	C	C	C		
Evaluated as of:		04/24/2018	12/12/2018	12/12/2018	02/06/2019		

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

Process Flow: 295,339 (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	

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: District Photo, Inc.

Process Flow: 10,934 GPD

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	

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**

241

NAME: DS Services of America, Inc.			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE 3302 West Earl 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:	10/05/2015	PERMIT EXPIRES: 06/30/2019
SAMPLING LOCATION VERIFIED ON:	05/04/2018	RCRA NOTICE:	07/01/1992	
SLUG CONTROL PLAN EVALUATION DATE:	05/04/2018	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	0	0
Number of City Sampling Days	3	6	8	1
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	0
Number of Permit Cond. Violations	0	1	0	0
Compliance Status	C	I	C	C
Evaluated as of:	01/04/2019	01/04/2019	01/04/2019	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
2 nd	Permit Condition	06/01/2018	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(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: DS Services of America, Inc.

Process Flow: 124,063 (GPD) Average

General Information and type of wastewater treatment	DS Services of America, Inc. bottles water for resale. Pretreatment consists of equalization and pH neutralization.
First Quarter	
Second Quarter	An NOV was issued on 07/11/2018 for permit condition - failure to sample pH during May 2018. All requirements of the NOV were met.
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: Dunn-Edwards Corporation

Process Flow: 5,621 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 **X** No

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

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

245

NAME: Entrepix, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 4717 East Hilton Avenue Phoenix, Arizona 85043-6404		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR: 469.18	LIMITS APPENDIX: S	BMR SUBMITTED: 10/10/2012	
TTO CERTIFICATION DATE SUBMITTED: 01/08/2019	PERMIT EFFECTIVE: 04/01/2018	PERMIT EXPIRES: 03/31/2023		
SAMPLING LOCATION VERIFIED ON: 03/16/2018	RCRA NOTICE: 04/26/2013			
SLUG CONTROL PLAN EVALUATION DATE: 03/16/2018	COMPLIANCE SAMPLING POINT №: 30385.01			
	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	3	0	3	0
Number of IU Sampling Days	1	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	0
Number of Permit Cond. Violations	0	0	1	1
Compliance Status	C	C	I	I
Evaluated as of:	04/16/2018	07/05/2018	12/11/2018	02/05/2019

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	07/01/2018	N/A	N/A	N/A	Failure to Sample BOD, TSS Failure to Sample BOD, TSS		
4 th	Permit Condition	10/01/2018	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(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: Entrepix, Inc.

Process Flow: 4,945 (GPD) Average

General Information and type of wastewater treatment	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.
First Quarter	
Second Quarter	
Third Quarter	On 11/06/2018, an NOV was issued for IU failure to sample for BOD and TSS during the 2 nd and 3 rd quarters of 2018. All requirements of the NOV were met.
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**

247

NAME: FlipChip International, LLC			REPORT PERIOD: 01/01/2018 through 12/31/2018	
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: 01/25/2019	PERMIT EFFECTIVE: 05/01/2018	PERMIT EXPIRES: 04/30/2023		
SAMPLING LOCATION VERIFIED ON: 09/10/2018	RCRA NOTICE: 10/11/2001			
SLUG CONTROL PLAN EVALUATION DATE: 04/25/2018	COMPLIANCE SAMPLING POINT No: 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	1	0	1	0
Number of City Sampling Days	3	5	0	6
Number of IU Sampling Days	4	4	3	4
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	1	0
Compliance Status	I	C	I	C
Evaluated as of:	04/09/2018	07/05/2018	10/10/2018	01/25/2019

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	Effluent	01/05/2018	Instantaneous	Federal	IU	pH	11.8/10.5 S.U.	Continuous
1 st	Reporting	01/07/2018	N/A	N/A	N/A	24-Hour Notification	2 days	
			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), 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: FlipChip International, LLC

Process Flow: 44,948 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 01/11/2018 NOVs were issued for pH effluent violations occurring on 12/26/2017 and 01/05/2018 and late 24-hour reporting violations on 12/28/2017 and 01/07/2018 respectively. All requirements of the NOVs were met.</p> <p>**Published for Significant Noncompliance due to late reporting violation of greater than 30 days the 3rd quarter of 2017**</p>
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 02/15/2019 an NOV was issued for failure to sample for BOD, TSS and Lead during 3rd Quarter 2018 sampling. 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** Collected **\$ 0**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: FM Industries, Inc.

Process Flow: 12,867 (GPD) Average

General Information and type of wastewater treatment	
FM Industries, Inc. performs anodizing and nickel seal on aluminum parts. Pretreatment consists of wastestream segregation 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

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

251

NAME: Frontier Group (Formerly Futureweld)		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 3518 East Wood Street Phoenix, Arizona 85040-1835		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR: 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 01/28/2002	
TTO CERTIFICATION DATE SUBMITTED: 01/18/2019	PERMIT EFFECTIVE: 04/03/2018	PERMIT EXPIRES: 09/30/2021		
SAMPLING LOCATION VERIFIED ON: 09/20/2018	RCRA NOTICE: 07/01/1992			
SLUG CONTROL PLAN EVALUATION DATE: 04/12/2018	COMPLIANCE SAMPLING POINT No: 20950.01			
	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	1	0
Number of City Sampling Days	4	0	0	3
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	0	1	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	I	S
Evaluated as of:	4/23/2018	12/11/2018	12/11/2018	02/13/2019

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	Parameter	07/31/2018	Composite	Federal	IU	Chromium (MAV)	2.30/1.71 mg/L	1
4 th	Parameter	11/29/2018	Composite	Federal	City	Chromium (MAV)	2.11/1.71 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	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: Frontier Group

Process Flow: 3,626 (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	
Second Quarter	<p>The facility's name was changed from Futureweld Company, Inc. to Frontier Group and an amended Permit was issued on 04/03/2018.</p>
Third Quarter	<p>On 11/02/2018 the City became aware of a violation of the monthly average limit for chromium; the IU exceeded the calculated limit on 07/31/2018. An NOV was issued on 11/20/2018 and all requirements of the NOV were met.</p>
Fourth 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. Completion of NOV requirements is still pending.</p> <p>On 02/11/2019 the IU was notified of a 4th Quarter 2018 Significant Non-Compliance (SNC) for Monthly Average Technical Review Criteria (TRC) due to chromium violations.</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**

253

NAME: Global Healing Center			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE 925 East Salter Drive ADDRESS: Phoenix, Arizona 85024-5648			MAILING ADDRESS: Same	
CATEGORICAL USER? Yes	40 CFR	439.47	LIMITS APPENDIX: L	BMR SUBMITTED: 07/19/2018
TTO CERTIFICATION DATE SUBMITTED: N/A			PERMIT EFFECTIVE: 09/01/2018	PERMIT EXPIRES: 07/31/2023
SAMPLING LOCATION VERIFIED ON: 04/05/2018			RCRA NOTICE: 07/27/2018	
SLUG CONTROL PLAN EVALUATION DATE: 04/05/2018			COMPLIANCE SAMPLING POINT No: 33358.01	
	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
Number of City Sampling Days		0	0	1
Number of IU Sampling Days		0	2	1
Number of Parameter Violations		0	0	0
Number of Inspection Violations		0	0	0
Number of Reporting Violations		0	0	1
Number of Permit Cond. Violations		0	0	0
Compliance Status		C	C	I
Evaluated as of:		12/31/2018	12/31/2018	02/12/2019

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
4 th	Reporting	10/29/2018	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(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: Global Healing Center

Process Flow: 228 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	<p>On 07/27/2018, a Permit was issued to Biodynamic Manufacturing, LLC. with an effective date of 08/01/2018 and an expiration date of 07/31/2023. However, the facility no longer operates under this entity; therefore, a revised Permit was issued to Global Healing Center on 08/20/2018 with an effective date of 09/01/2018.</p>
Fourth Quarter	<p>On 11/06/2018, an NOV was issued for submitting a late self-monitoring report which was due on 10/28/2018. The SMR was received on 11/01/2018; 4 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**

255

NAME: Gregory Packaging, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 439 South 55 th Avenue Phoenix, Arizona 85043-4621		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 07/11/2014	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 08/14/2017	PERMIT EXPIRES: 06/30/2021	
SAMPLING LOCATION VERIFIED ON: 06/12/2018		RCRA NOTICE: 06/22/2016		
SLUG CONTROL PLAN EVALUATION DATE: 06/12/2018		COMPLIANCE SAMPLING POINT No: 32021.01		
	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	0	6	0
Number of IU Sampling Days	1	1	2	1
Number of Parameter Violations	0	0	1	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	1	0
Number of Permit Cond. Violations	0	1	0	0
Compliance Status	C	I	I	C
Evaluated as of:	04/26/2018	12/12/2018	12/12/2018	02/15/2019

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
2 nd	Permit Condition Parameter Reporting	06/01/2018	N/A	N/A	N/A	Failure to Sample pH pH Late 24-Hour Notification	3.3/5.0 SU	12
3 rd		07/16/2018	Grab	City	City			
3 rd		08/08/2018	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	A(3), L, 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: Gregory Packaging, Inc.

Process Flow: 27,608 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 one of either compliance sampling points.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 07/11/2018, an NOV was issued for IU failure to sample pH for the May Self-Monitoring Report (SMR). All requirements of the NOV were met.</p> <p>On 07/16/2018, a Field NOV was issued for a pH result of 3.3 SU. A TISM requiring a four (4) day continuous pH study was required and issued on 07/23/2018. The IU met all requirements.</p> <p>On 08/15/2018, an NOV was issued for Late Reporting. During the TISM, there were 3 low pH events occurring on 08/03/2018, 08/04/2018, and 08/05/2018 that were reported on 08/08/2018 – 4 days late, 3 days late, and 2 days late. All requirements of the NOV were met.</p> <p>A Compliance Status Review Meeting was held on 08/15/2018 to address violations occurring during the 2nd and 3rd Quarters of 2018. A Compliance Schedule was issued including continuous pH monitoring requirements and recommended attendance at Compliance Academy. The IU has 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: Hadrian Inc.

Process Flow: 551 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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Heligear Acquisition Co.- D-Velco Manufacturing of Arizona, Inc.

Process Flow: 3,667 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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 11/05/2018, a Notice of Concern (NOC) was issued for a pH excursion that was reported from potentially erroneous data during an incident on 08/29/2018. All requirements of the NOC 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**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Heligear Acquisition Co. – Northstar Aerospace (Phoenix)

Process Flow: 314 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	
Second Quarter	
Third Quarter	<p>Cadmium and Nickel brush plating of aluminum, steel and titanium aerospace parts are no longer preformed at this facility and all associated equipment and chemicals have been removed.</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**

263

NAME: Holsum Bakery, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 2322 West Lincoln Street 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: 10/01/2015	PERMIT EXPIRES: 12/31/2019	
SAMPLING LOCATION VERIFIED ON: 04/04/2018		RCRA NOTICE: 08/21/1995		
SLUG CONTROL PLAN EVALUATION DATE: 04/04/2018		COMPLIANCE SAMPLING POINT No: 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	0	1	1	1
Number of City Sampling Days	3	3	1	3
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	1	0	3
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	I
Evaluated as of:	04/20/2018	07/24/2018	12/12/2018	02/13/2019

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
2 nd	Parameter	04/06/2018	Grab	City	IU	pH	4.02/5.0 SU	19
2 nd	Reporting	04/20/2018	N/A	N/A	N/A	Late TISM		
4 th	Parameter	12/27/2018	Grab	City	IU	pH	3.73/5.0 SU	Continuous
4 th	Parameter	12/27/2018	Grab	City	IU	pH	4.37/5.0 SU	Continuous
4 th	Parameter	12/29/2018	Grab	City	IU	pH	3.19/5.0 SU	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			N	A(2), L	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: Holsum Bakery, Inc.

Process Flow: 46,689 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 04/06/2018, the City became aware of a pH exceedance that occurred on 04/06/2018. An NOV, 30-day Resample, and TISM were issued on 04/10/2018. The IU met all requirements.</p> <p>On 05/14/2018, an NOV was issued for submitting a late TISM which was due on 04/20/2018. The TISM was received on 05/04/2018; 14 days late. All requirements of the NOV were met.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/27/2018 and 12/30/2018, the City became aware of pH exceedances that occurred on 12/27/2018 and 12/29/2018. An NOV was issued on 01/31/2019 for these violations in addition to several others than occurred in January 2019. Completion of the 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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International Inc.
Former Peoria Avenue Facility/EW-1
 Process Flow: 122,266 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	
Third Quarter	
Fourth 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.

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**

267

NAME: Honeywell International Inc. Former Peoria Avenue Facility/MW-10		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS:	2251 West Sierra Street Phoenix Arizona 85029-3602	MAILING ADDRESS:	111 South 24th Street, MS 158 Phoenix, Arizona 85034-2802	
CATEGORICAL USER?	No 40 CFR Local Limits	LIMITS APPENDIX:	A	BMR SUBMITTED: 07/11/1997
TTO CERTIFICATION DATE SUBMITTED:	N/A	PERMIT EFFECTIVE:	10/01/2014	PERMIT EXPIRES: 09/30/2019
SAMPLING LOCATION VERIFIED ON:	03/02/2018	RCRA NOTICE:	07/11/1997	
SLUG CONTROL PLAN EVALUATION DATE:	03/02/2018	COMPLIANCE SAMPLING POINT №:	5383.01	
	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	3	1
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	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	01/02/2019	01/02/2019	01/02/2019	02/01/2019

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 | 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.
Former Peoria Avenue Facility/MW-10

Process Flow: 35,094 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	
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: 349 (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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/21/2018, a Permit Application was submitted to reclassify Honeywell as a Zero Categorical Discharger. Permit No 1902-157 was issued on 01/18/2019 with an effective date of 02/01/2019.</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: Honeywell International, Inc. Honeywell Aerospace – Phoenix R & O
 Process Flow: 21,951 (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	Permit number 1807-2990 was issued on 06/19/2018 with an effective date of 07/01/2018 and an expiration date of 06/30/2023.
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**

273

NAME: Honeywell International, Inc.- Honeywell Engines Product Center		REPORT PERIOD: 01/01/2018 through 12/31/2018		
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: 01/23/2019		PERMIT EFFECTIVE: 07/01/2017		PERMIT EXPIRES: 06/30/2022
SAMPLING LOCATION VERIFIED ON: 12/12/2018		RCRA NOTICE: 02/27/1990		
SLUG CONTROL PLAN EVALUATION DATE: 12/12/2018		COMPLIANCE SAMPLING POINT No: 1510.06, (1510.09 - CN Point, 1510.12 - BSVE 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	6	1	4	3
Number of IU Sampling Days	24	23	25	25
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:	04/23/2018	07/18/2018	10/23/2018	01/23/2019

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: Honeywell International, Inc.- Honeywell Engines Product Center

Process Flow: 37,801 (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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 01/25/2019, an NOV was issued for IU failure to sample for Cyanide during the 4th quarter of 2018; the date of violation was 01/01/2019. 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**

275

NAME: HonorHealth Deer Valley Medical Center				REPORT PERIOD: 01/01/2018 through 12/31/2018					
SERVICE: 19829 North 27th Avenue ADDRESS: 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: 10/11/2018				RCRA NOTICE: 12/28/1990					
SLUG CONTROL PLAN EVALUATION DATE: 10/11/2018				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		3		0		3		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		0		0		0	
Number of Permit Cond. Violations		0		0		0		0	
Compliance Status		C		C		C		C	
Evaluated as of:		04/26/2018		07/28/2018		10/26/2018		01/25/2019	

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			A(1), L		N		N		N

Enforcement Status Codes

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: HonorHealth Deer Valley Medical Center

Process Flow: 121,813 (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	<p>On 01/02/2018 a NOV and TISM was issued for a failure to sample a pH TISM issued 10/31/2017. All requirements of the NOV and TISM 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**

277

NAME: Honor Health John C. Lincoln Hospital North Mountain		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 250 East Dunlap Avenue Phoenix Arizona 85020		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: 06/01/2017	PERMIT EXPIRES: 05/31/2022	
SAMPLING LOCATION VERIFIED ON: 10/09/2018		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 10/09/2018		COMPLIANCE SAMPLING POINT No: 2700.03, 2700.04, 2700.06		
	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	0	4
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	0	1	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	2	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	I	C
Evaluated as of:	04/26/2018	07/28/2018	10/25/2018	01/25/2019

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	Parameter	08/21/2018	Grab	Federal	IU	pH	2.75/5.0 SU	13
3 rd	Reporting	09/16/2018	N/A	N/A	N/A	Late TISM		
3 rd	Reporting	09/17/2018	N/A	N/A	N/A	Late 30-Day Resample		
			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), L	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: HonorHealth John C. Lincoln Hospital North Mountain

Process Flow: 87,577 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	<p>On 08/31/2018, an NOV, 30-day resample, and Temporary Increase in Self-Monitoring (TISM) was issued for a pH exceedance that occurred during IU sampling on 08/21/2018. The IU reported the exceedance on 08/21/2018. The IU has met all requirements.</p>
Fourth Quarter	<p>On 10/01/2018, an NOV was issued for submitting a late 30-day resample and a TISM result, due on 9/15/2018 and 09/16/2018 respectively. The results were emailed on 09/17/2018, so the 30-day Resample was 2-days late and the first TISM was 1-day 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**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Hydro Extrusion North America, LLC. – Plant 2 Extrusion Operation

Process Flow: 993 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	<p>Hydro Extrusion North America, LLC – Plant 2 Extrusion Operation is the new name for Sapa Extrusions North America, LLC – Plant 2 Extrusion Operations. The new permit no. 1803-21489 took effect on March 5, 2018 with an expiration date of December 31, 2022</p>
Second Quarter	<p>On 04/30/2018, an Notice of Concern was issued for a failure to correctly sample and analyze Molybdenum. All requirements of the NOC 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

281

NAME: Hydro Extrusion North America, LLC – Plant 1 Remelt Operation		REPORT PERIOD: 01/01/2018 through 12/31/2018		
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: 10/23/2018		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 10/23/2018		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	2	5	0	4
Number of IU Sampling Days	4	4	4	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	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	05/01/2018	08/27/2018	12/14/2018	02/12/2019

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 | 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: 7,772 (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	<p>Hydro Extrusion North America, LLC – Plant 1 Remelt Operation is the new name for Sapa Extrusions North America, LLC – Plant 1 Remelt Operation. The new permit no 1803-21490 took effect on March 5, 2018 with an expiration date of December 31, 2022.</p>
Second Quarter	<p>On 04/30/2018, a Notice of Concern (NOC) was issued as a result of failure to correctly sample for and analyze Molybdenum during the month of February 2018 due to a misunderstanding of requirements under the new Permit. All requirements of the NOC 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**

283

NAME: Hydro Extrusion North America, LLC - Plant 1 Extrusion Operation		REPORT PERIOD: 03/01/2018 through 12/31/2018		
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: 10/23/2018		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 04/25/2018		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	8	4	4	4
Number of Parameter Violations	1	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	I	I	C	C
Evaluated as of:	04/20/2018	02/11/2019	02/11/2019	02/11/2019

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	Parameter	02/28/2018	Grab	City	IU	Oil & Grease (MAV)	105/64.45 mg/L	4
2 nd	Reporting	04/05/2018	N/A	N/A	N/A	Late 30-Day resample		
			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)	A (1)	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: Hydro Extrusion North America, LLC - Plant 1 Extrusion Operation
 Process Flow: 3,414 (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	<p>Hydro Extrusion North America, LLC – Plant 1 Extrusion Operation is the new name for Sapa Extrusions North America, LLC – Plant 1 Extrusion Operations. The new permit no 1803-21491 took effect on March 5, 2018 with an expiration date of December 31, 2022.</p> <p>On 03/05/2018 the City became aware of violations of the monthly average limits for Oil & Grease that occurred on 02/28/2018. AN NOV and 30-day resample were issued on 0/3/13/2018 and due by 04/04/2018. The results and report were submitted late; this resulted in an additional NOV.</p>
Second Quarter	<p>On 04/18/2018, an NOV was issued for a late 30 day resample and response, due 04/04/2018, and received 04/16/2018, 12 days late. All requirements of the NOV were met.</p> <p>On 04/18/2018, an Notice of Concern was issued for a failure to correctly sample and analyze Molybdenum. All requirements of the NOC 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**

285

NAME: IASIS Healthcare - St. Luke's Medical Center			REPORT PERIOD: 01/01/2018 through 12/31/2018		
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:		06/01/2018		RCRA NOTICE: 12/28/1990	
SLUG CONTROL PLAN EVALUATION DATE:		06/01/2018		COMPLIANCE SAMPLING POINT No: 2730.03	
	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	0	
Number of City Sampling Days	4	2	3	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:	04/23/2018	07/23/2018	12/12/2018	02/05/2019	

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	Reporting	01/29/2019	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			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 | 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: 68,276 (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	<p>On 02/13/2018, an NOV was issued for submitting a late self-monitoring report (SMR) which was due on 01/28/2018. The SMR was received on 02/09/2018; 12 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**

287

NAME: Liquid Environmental Solution of Arizona LLC – Magnolia Street		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 1095 West Magnolia Street Phoenix, Arizona 85007		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 07/07/2017	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 12/21/2017	PERMIT EXPIRES: 11/30/2022	
SAMPLING LOCATION VERIFIED ON: 04/09/2018		RCRA NOTICE: 02/04/2019		
SLUG CONTROL PLAN EVALUATION DATE: 04/09/2018		COMPLIANCE SAMPLING POINT No: 27287.01		
	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	6	3	0
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:	11/30/2018	11/30/2018	11/30/2018	02/01/2019

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	Permit Condition	01/01/2018	N/A	N/A	N/A	Failure to Sample O & G		
			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 | 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 –
Magnolia Street
 Process Flow: 33,513 GPD (Average)

General Information and type of wastewater treatment	<p>This facility treats and de-waters septic and grease trap waste from its own pumping trucks using prescreening, pH adjustment, DAF, and belt press.</p>
First Quarter	<p>On 02/12/2018, an NOV was issued for IU failure to sample for Oil & Grease during December 2017. All requirements of the NOV were met.</p>
Second Quarter	<p>A Compliance Status Review Meeting was conducted on 05/17/2018 regarding a Sanitary Sewer Overflow (SSO) on 04/06/2018 and a video of the Sewer Main as well as requirements made during the 04/09/2018 inspection of the facility. Requirements are in the process of being 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**

289

NAME: Liquid Environmental Solutions of Arizona LLC			REPORT PERIOD: 01/01/2018 through 12/31/2018	
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: 09/01/2017		PERMIT EXPIRES: 08/31/2022	
SAMPLING LOCATION VERIFIED ON: 04/24/2018		RCRA NOTICE: 06/06/1996		
SLUG CONTROL PLAN EVALUATION DATE: 04/24/2018		COMPLIANCE SAMPLING POINT No: 21741.03, 21741.04, 21741.05, 21741.06		
	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	3
Number of IU Sampling Days	18	19	18	12
Number of Parameter Violations	3	2	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	I	S	C	I
Evaluated as of:	01/09/2019	01/09/2019	01/09/2019	02/06/2019

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	Effluent	01/19/2018	Composite	City	City	Copper (Daily)	3.10/1.50 mg/L	13
1 st	Effluent	01/19/2018	Composite	Federal	City	Copper (Daily)	1.99/0.50 mg/L	13
1 st	Effluent	01/31/2018	Calculated	Federal	City	Copper (MAV)	1.23/0.242 mg/L	4
2 nd	Effluent	06/13/2018	Composite	Federal	City	Copper (Daily)	1.06/0.50 mg/L	6
2 nd	Effluent	06/30/2018	Calculated	Federal	City	Copper (MAV)	0.727/0.242 mg/L	4
4 th	Effluent	12/31/2018	Calculated	Federal	City	Copper (MAV)	0.254/0.242 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			A(2), L	N	A(1), 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: Liquid Environmental Solutions of Arizona LLC
 Process Flow: 63,716 (GPD) Average

General Information and type of wastewater treatment	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.
First Quarter	<p>On 12/31/2017 the IU exceeded the monthly average limit for Copper at compliance sample point 21271.05. The City of Phoenix sent out an NOV on 1/29/2018.</p> <p>On 02/20/2018 the City became aware of violations of the daily maximum and monthly average copper limits for compliance sample points 10741.03 on 01/19/2018 and CSP 10741.05 on 01/19/2018 and 01/31/2018. An NOV, 30-day resample, and TISM was issued on 02/20/2018. The IU met all requirements.</p>
Second Quarter	A Compliance Status Review Meeting took place on 05/10/2018 in order to review copper violations from the 4 th quarter of 2017 and the 1 st quarter of 2018. Corrective actions were implemented as required by the IU.
Third Quarter	On 06/29/2018 the City became aware of violations of the daily maximum and monthly average limits for copper at the compliance sample point 21271.05. An NOV and TISM were issued on 07/09/2018. The IU met all requirements.
Fourth Quarter	<p>On 12/31/2018 the IU exceeded the monthly average limit for Copper at compliance sample point 21271.05. The IU is contesting the data; an NOV will be issued in the 1st Quarter of 2019.</p> <p>On 01/28/2019 the IU was notified of a 2nd Quarter 2018 Significant Non-Compliance (SNC) for Monthly Average Technical Review Criteria (TRC) due to Copper violations.</p>

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Maricopa Integrated Health System

Process Flow: 139,094 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**

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

293

NAME: Marlyn Nutraceuticals Inc. - Naturally Vitamins, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 4404 East Elwood Street Phoenix Arizona 85040-1909		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 439.47	LIMITS APPENDIX: L	BMR SUBMITTED: 01/2001	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 07/01/2016	PERMIT EXPIRES: 06/30/2021	
SAMPLING LOCATION VERIFIED ON: 10/19/2018		RCRA NOTICE: 04/12/2001		
SLUG CONTROL PLAN EVALUATION DATE: 10/19/2018		COMPLIANCE SAMPLING POINT No: 20485.01		
	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	1	1	2	0
Number of IU Sampling Days	1	2	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	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	09/06/2018	09/06/2018	01/25/2019	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
4 th	Parameter	12/13/2018	Grab	City	IU	pH (Instantaneous) 24-Hour Notification	11.12/10. 5 SU	12
4 th	Reporting	12/14/2018	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	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: Marlyn Nutraceuticals Inc. - Naturally Vitamins, Inc.

Process Flow: 2,774 (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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 01/25/2019 the City became aware of pH grab sample exceedence during self-monitoring on 12/13/2018. An NOV, 30 day resample and TISM were issued on 02/01/2019. Completion of NOV requirements is still pending.</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. Completion of NOV requirements is still pending. The facility will be notified of Significant Non-Compliance status for the 1st 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: Mastel Linen, Inc.
 Process Flow: 97,749 (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 X No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

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

297

NAME: Mayo Clinic Arizona-Mayo Clinic Hospital				REPORT PERIOD: 01/01/2018 through 12/31/2018				
SERVICE ADDRESS: 5777 East Mayo Boulevard Phoenix Arizona 85054-4502				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: 09/01/2018		PERMIT EXPIRES: 08/31/2023		
SAMPLING LOCATION VERIFIED ON: 05/29/2018				RCRA NOTICE: 12/28/1990				
SLUG CONTROL PLAN EVALUATION DATE: 05/29/2018				COMPLIANCE SAMPLING POINT No: 5395.01, 5395.03				
	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		0	
Number of City Sampling Days	3		0		0		4	
Number of IU Sampling Days	5		1		2		1	
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	1		0		0		0	
Compliance Status	I		C		C		C	
Evaluated as of:	12/20/2018		12/20/2018		12/20/2018		02/01/2019	

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	Permit Condition	01/29/2018	N/A	N/A	N/A	Late SMR		
1 st	Parameter	02/19/2018	Composite	City	IU	Copper	1.7 /1.5 mg/L	4
1 st	Reporting	02/20/2018	N/A	N/A	N/A	Late 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(3),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: Mayo Clinic Arizona- Mayo Clinic Hospital

Process Flow: 116,379 (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	<p>On 02/16/2018, an NOV was issued for submitting a late self-monitoring report which was due on 01/28/2018. The SMR was received on 02/01/2018; 4 days late. All requirements of the NOV were met.</p> <p>On 02/26/2018 the City became aware of a Copper exceedance. An NOV, a 30-day resample, and TISM were issued on 03/09/2018. The IU met all requirements.</p> <p>On 03/09/2018 an NOV was issued for a Late 24 Hour Notification due on 02/20/2018, and received 02/26/2018, 6 days late. All requirements of the NOV were met.</p>
Second Quarter	A Compliance Status Review Meeting was conducted on 04/09/2018 for reporting and effluent violations in the first 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: Mega Metals Unlimited Inc.

Process Flow: 8,505 (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>IPP was notified of an ownership and name change in July of 2018. The facility is now Mega Metals, LLC. and Permit 1809-27341 was issued 08/17/2018 with an effective date of 09/01/2018.</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: Mega Metals LLC.

Process Flow: 12,446 (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>IPP was notified of an ownership and name change in July of 2018. The facility is now Mega Metals, LLC. and Permit 1809-27341 was issued 08/17/2018 with an effective date of 09/01/2018.</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: Metco Metal Finishing, LLC.
 Process Flow: 7,076 (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	<p>A notice of significant noncompliance was issued on 03/15/2018 for 3rd Quarter 2017 Monthly Technical Review Criteria (TRC) due to zinc exceedances.</p> <p>An NOV was issued on 02/06/2018 for a permit condition violation – failure to correctly sample and analyze. All requirements of the NOV were met.</p>
Second Quarter	<p>On 04/06/2018 a Show Cause Hearing was held to discuss violations occurring during the enforcement period 04/13/2018 through 08/25/2018. A Pretreatment Settlement Agreement was reached which included monetary penalties of \$12,946 and a compliance schedule. The entire amount was collected and requirements of the compliance schedule were met.</p>
Third Quarter	
Fourth Quarter	

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

Penalties this reporting Year: Assessed \$ 12,946 Collected \$ 12,946

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Milum Textile Services
 Process Flow: 21,552 (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>Renewed Permit 1806-1770 was issued 05/07/2018.</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**

307

NAME: Mission Linen Supply, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 2652 South 16th Street Phoenix Arizona 85034-6704		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: 09/13/2018		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 09/13/2018		COMPLIANCE SAMPLING POINT №: 1780.01		
	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	6	4	4
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	0	0
Compliance Status	C	C	C	C
Evaluated as of:	09/06/2018	09/06/2018	01/25/2019	02/05/2019

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mission Linen Supply, Inc.

Process Flow: 168,630 (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	<p>On 06/01/2018 the facility received a renewed Class A Permit 1806-1780.</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: Mistras Inspection Services, Inc.
 Process Flow: 7,597 (GPD) Average

General Information and type of wastewater treatment
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.
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: 15,453 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 **X** No

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

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

313

NAME: MPP Group of Companies		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 230 South 49th Avenue Phoenix Arizona 85043-3905		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 04/08/1996	
TTO CERTIFICATION DATE SUBMITTED: 01/28/2019	PERMIT EFFECTIVE: 01/01/2018	PERMIT EXPIRES: 12/31/2022		
SAMPLING LOCATION VERIFIED ON: 03/26/2018	RCRA NOTICE: 05/01/1996			
SLUG CONTROL PLAN EVALUATION DATE: 09/05/2018	COMPLIANCE SAMPLING POINT No: 5335.01			
	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	3	2	2	5
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	S	C	C
Evaluated as of:	05/03/2018	08/02/2018	12/27/2018	02/05/2019

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
2 nd	Reporting	06/29/2018	N/A	N/A	N/A	Late Reporting – sampling data		
			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: MPP Group of Companies

Process Flow: 32,485 (GPD) Average

General Information and type of wastewater treatment	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.
First Quarter	
Second Quarter	
Third Quarter	
Fourth 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>

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**

315

NAME: Nestle Waters North America, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 1635 South 43 rd Avenue Phoenix, Arizona 85009-6026		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 02/17/2016	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 03/23/2018	PERMIT EXPIRES: 02/28/2023	
SAMPLING LOCATION VERIFIED ON: 10/02/2018		RCRA NOTICE: N/A		
SLUG CONTROL PLAN EVALUATION DATE: 10/02/2018		COMPLIANCE SAMPLING POINT No: 33842.01		
	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	0	6
Number of IU Sampling Days	0	1	0	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	1	0
Compliance Status	C	C	I	C
Evaluated as of:	04/12/2018	07/30/2018	12/21/2018	02/14/2019

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	10/01/2018	N/A	N/A	N/A	Failure to Sample BOD, TSS, Cu Pb		
			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(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: Nestle Waters North America, Inc.

Process Flow: 24,678 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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/27/2018, an NOV was issued for failure to sample for BOD, TSS, Lead and Copper during the 3rd Quarter of 2018. 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**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Niagara Bottling, LLC

Process Flow: 193,448 GPD (Average)

General Information and type of wastewater treatment	
This facility manufactures bottled drinking water using microfiltration, granulated activated carbon, reverse osmosis and mineral addition. Wastewater treatment 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**

319

NAME: NXP USA, Inc. - 52nd ST Superfund Site - OU 1		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 5005 East McDowell Road Phoenix, Arizona 85009-4229		MAILING ADDRESS: 1300 North Alma School Road Mail Drop CH290/AZ50 Chandler, Arizona 85224-2939		
CATEGORICAL USER?	No	40 CFR	Local Limits	LIMITS APPENDIX: A
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 12/19/2016		PERMIT EXPIRES: 04/30/2021
SAMPLING LOCATION VERIFIED ON: 09/06/2018		RCRA NOTICE 02/02/2011		
SLUG CONTROL PLAN EVALUATION DATE: 09/06/2018		COMPLIANCE SAMPLING POINT No: 23176.01		
	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	5	0	2	0
Number of IU Sampling Days	1	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:	05/09/2018	08/27/2018	12/13/2018	02/11/2019

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: NXP USA, Inc. - 52nd ST Superfund Site - OU 1

Process Flow: 237,305 (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 has completed construction of a new discharge pipeline to the SRP Old Cross Cut Canal. As of the fourth quarter of 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**

321

NAME: One Camelback Inc.			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE ADDRESS: 1 East Camelback Road Phoenix Arizona 85012-1668		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 03/21/2015	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 07/01/2014		PERMIT EXPIRES: 06/30/2019	
SAMPLING LOCATION VERIFIED ON: N/A	RCRA NOTICE: 02/04/2015			
SLUG CONTROL PLAN EVALUATION DATE: N/A	COMPLIANCE SAMPLING POINT No: 5296.01			
	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		
Number of City Sampling Days	0	5		
Number of IU Sampling Days	1	1		
Number of Parameter Violations	0	0		
Number of Inspection Violations	0	0		
Number of Reporting Violations	0	1		
Number of Permit Cond. Violations	0	0		
Compliance Status	C	I		
Evaluated as of:	05/22/2018	08/27/2018		

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	05/29/2018	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)				

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: One Camelback Inc.

Process Flow: 14,814 (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. Fuel contaminated groundwater from the dewatering wells, combined with accumulated stormwater, and hand sinks are treated with aeration via a shallow tray air stripper. Vapor is captured and treated through Granular Activated Carbon unit prior to release to ambient air.</p>
First Quarter	
Second Quarter	<p>On 06/11/2018, an NOV was issued for submitting a late self-monitoring report which was due on 05/28/2018. The SMR was received on 06/05/2018; 6 days late. All requirements of the NOV were met.</p>
Third Quarter	<p>One Camelback, Inc. has changed name and ownership and was issued a new Permit as Sagamore Camelback, LLC. The new Permit No 1807-5296 took effect on July 1, 2018 with an expiration date of June 30, 2023.</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**

323

NAME: PAS Technologies, Incorporated		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 1021 North 22 nd Avenue Phoenix, Arizona 85007-3717		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 05/05/2006	
TTO CERTIFICATION DATE SUBMITTED: 01/22/2019	PERMIT EFFECTIVE: 05/06/2017	PERMIT EXPIRES: 04/30/2022		
SAMPLING LOCATION VERIFIED ON: 03/12/2018	RCRA NOTICE: 05/24/2006			
SLUG CONTROL PLAN EVALUATION DATE: 03/12/2018	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	0	0	0
Number of City Sampling Days	2	1	3	2
Number of IU Sampling Days	7	4	3	6
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:	12/20/2018	12/20/2018	12/20/2018	02/05/2019

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	Parameter	09/05/2018	Composite	City	City	Cadmium	0.054/0.047 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			A(1), L	N	N	A(1), 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: PAS Technologies, Incorporated

Process Flow: 20,511 (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.</p>
First Quarter	<p>On 12/13/2017, the City became aware of a daily Cadmium exceedance. An NOV, and TISM were issued on 01/10/2018. The IU met all requirements.</p>
Second Quarter	
Third Quarter	<p>On 09/05/2018, the city became aware of a daily Cadmium exceedance. An NOV, and TISM were issued on 10/02/2018. 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**

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

325

NAME: PepsiCo – Bottling Group, LLC		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 4242 East Raymond Street Phoenix, Arizona 85040-1935		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: 04/01/2014	PERMIT EXPIRES: 03/31/2019	
SAMPLING LOCATION VERIFIED ON: 07/19/2018		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 07/19/2018		COMPLIANCE SAMPLING POINT №: 1880.01		
	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	6	3	6	3
Number of IU Sampling Days	6	6	7	6
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:	04/30/2018	12/26/2018	12/26/2018	02/12/2019

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 |
| B - Administrative Order (AO) | G - Restriction of Flow | Non-Compliance (SNC) In Prior Reporting Year |
| C - Civil Action Filed | H - Permit Revocation | L - Temporary Increase in IU Self-Monitoring (TISM) |
| 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: PepsiCo – Bottling Group, LLC

Process Flow: 101,415 (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**

327

NAME: Phoenix Children's Hospital		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 1919 East Thomas Road Phoenix, Arizona 85016		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 08/28/2002	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 08/01/2018	PERMIT EXPIRES: 06/30/2022	
SAMPLING LOCATION VERIFIED ON: 11/08/2018		RCRA NOTICE: 02/28/1996		
SLUG CONTROL PLAN EVALUATION DATE: 11/08/2018		COMPLIANCE SAMPLING POINT №: 21169.01 (Deactivated), 21169.02, 21169.03, 21169.04, 21169.05		
	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	4	4
Number of IU Sampling Days	5	5	5	4
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	0
Compliance Status	C	I	C	C
Evaluated as of:	09/10/2018	09/10/2018	02/04/2019	02/04/2019

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
2 nd	Effluent	04/26/2018	Composite	City	City	Copper	1.95/1.50 mg/L	9
			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),L	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: Phoenix Children's Hospital
 Process Flow: 249,764 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	On 05/21/2018 the City became aware of a daily Copper exceedance at the 21169.01 sample point from samples collected by the City on 04/26/2018. An NOV, 30-day Resample, and TISM were issued on 05/21/2018. All requirements of the NOV were met.
Third Quarter	On 07/30/2018 the facility received a new Permit 1808-21169 deactivating compliance sample point 21169.01.
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**

329

NAME: Phoenix Indian Medical Center			REPORT PERIOD: 01/01/2018 through 12/31/2018	
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:	12/05/2018		RCRA NOTICE: 12/28/1990	
SLUG CONTROL PLAN EVALUATION DATE:	12/05/2018		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	3	2	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	1	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	09/11/2018	09/11/2018	02/05/2019	02/05/2019

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	Reporting	02/01/2018	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			A(2)	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: Phoenix Indian Medical Center
 Process Flow: 74,437 (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	<p>On 12/29/2017 IPP became aware of a failure to sample pH in November 2017. An NOV was issued on 1/17/2018. All requirements of the NOV were met.</p> <p>On 02/12/2018 an NOV was issued for a late 10-day NOV response, due 01/31/2018, and received 02/01/2018, one day 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**

331

NAME: Phoenix Manufacturing, Inc.			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE ADDRESS: 3655 East Roeser Road Phoenix Arizona 85040-3968			MAILING ADDRESS: Same	
CATEGORICAL USER? Yes	40 CFR	433.15	LIMITS APPENDIX: D	BMR SUBMITTED: 09/26/1983
TTO CERTIFICATION DATE SUBMITTED: 01/11/2019		PERMIT EFFECTIVE: 05/01/2017		PERMIT EXPIRES: 04/30/2022
SAMPLING LOCATION VERIFIED ON: 10/16/2018		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 10/16/2018		COMPLIANCE SAMPLING POINT No: 1930.02		
	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	1	0
Number of City Sampling Days	0	4	3	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:	04/17/2018	07/13/2018	10/12/2018	01/11/2019

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 | 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 Manufacturing, Inc.

Process Flow: 8,697 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 No

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

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

333

NAME: Prudential Overall Supply		REPORT PERIOD: 01/01/2018 through 12/31/2018		
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: 05/02/2018		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 06/15/2018		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	4	2	4	0
Number of IU Sampling Days	2	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	2
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	09/10/2018	09/10/2018	01/10/2019	2/15/2019

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
4 th 4 th	Reporting Reporting	11/29/2018 12/29/2018	N/A N/A	N/A N/A	N/A N/A	Late SMR Late SMR – Sampling 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	N	N	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: Prudential Overall Supply

Process Flow: 47,774 (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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/06/2018, an NOV was issued for submitting a late self-monitoring report which was due 11/28/2018. The SMR was received on 11/30/2018; two days late. All requirements of the NOV were met.</p> <p>The City became aware on 02/06/2018 that Prudential failed to provide sampling results and the corresponding lab report for 4th Quarter 2018 sampling. The data was provided on 02/07/2018, 41 days late. An NOV will be issued in February 2019. The IU will be notified of 1st Quarter 2019 Significant Non-Compliance for submitting a report 30 days or more past the due date.</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: Quantum Global Technology, LLC dba Quantum Clean
 Process Flow: 1,557 (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	

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: Quantum Global Technologies, LLC

Process Flow: 340 (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	
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: 71,985 (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 1664A - SGT-HEM, as delineated in 40 CFR 465.03(c). They also submit a signed "No Solvent Dumping and TOMP Implementation Certification" on a monthly schedule with their Self-Monitoring Reports. 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**

341

NAME: Safeway Phoenix Ice Cream Plant		REPORT PERIOD: 01/01/2018 through 12/31/2018		
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: 03/27/2018		RCRA NOTICE: 02/01/2003		
SLUG CONTROL PLAN EVALUATION DATE: 04/27/2018		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	1	0	0	0
Number of City Sampling Days	5	2	3	3
Number of IU Sampling Days	1	1	3	3
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:	04/28/2018	07/27/2018	10/24/2018	02/05/2019

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	Parameter	02/22/2018	Grab	Federal	IU	pH (Instantaneous)	12.2/10.5 SU	16
			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), 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: Safeway, Inc. Phoenix Ice Cream Plant

Process Flow: 96,300 GPD (Average)

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 03/23/2018 the City issued an NOV and TISM for a pH exceedance that occurred during Self-monitoring on 02/22/2018. All NOV requirements have been met.</p>
Second Quarter	<p>On 06/06/2018 the City issued a Notice of Concern (NOC) for failure to sample BOD, COD, and TSS as required in permit 1801-21433. All NOC requirements have been 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**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Sagamore Camelback, LLC.

Process Flow: 31,264 (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. Fuel contaminated groundwater from the dewatering wells, combined with accumulated stormwater, and hand sinks are treated with aeration via a shallow tray air stripper. Vapor is captured and treated through Granular Activated Carbon unit prior to release to ambient air.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>One Camelback, Inc. has changed name and ownership and was issued a new Permit as Sagamore Camelback, LLC. The new Permit No 1807-5296 took effect on July 1, 2018 with an expiration date of June 30, 2023.</p>
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: 19,623 (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

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

347

NAME: Shamrock Foods Company-Dairy Division				REPORT PERIOD: 01/01/2018 through 12/31/2018			
SERVICE ADDRESS: 2228 North Black Canyon Highway Phoenix, Arizona 85009-2707				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: 11/05/2018				RCRA NOTICE: 02/28/1990			
SLUG CONTROL PLAN EVALUATION DATE: 05/03/2018				COMPLIANCE SAMPLING POINT No: 2090.05			
	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	2		3		0		1
Number of City Sampling Days	3		7		8		1
Number of IU Sampling Days	6		6		6		7
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:	12/17/2018		12/17/2018		12/17/2018		02/14/2019

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	Parameter	01/05/2018	Grab	City	City	pH (Instantaneous)	4.8/5.0 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(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 | 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: Shamrock Foods Company-Dairy Division

Process Flow: 627,310 (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. The facility also makes orange juice from concentrate and bottles one gallon jugs of filtered water. Products are packaged on site. Wastewater pretreatment consists of gravity separation, Dissolved Air Floatation (DAF) and pH adjustment.</p>
First Quarter	<p>On 01/09/2018, an NOV was issued as a result of the parameter violation for pH that occurred during City sampling on 01/05/2018. The sample was taken as a grab and 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**

349

NAME: Shearer's Foods, LLC – Barrel O' Fun Snack Foods Southwest		REPORT PERIOD: 01/01/2018 through 12/31/2018		
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: 06/20/2018		RCRA NOTICE: 06/13/2016		
SLUG CONTROL PLAN EVALUATION DATE: 07/24/2018		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	0	1	1	0
Number of City Sampling Days	5	4	5	3
Number of IU Sampling Days	1	1	2	2
Number of Parameter Violations	0	6	3	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	1	0	0
Number of Permit Cond. Violations	1	1	0	0
Compliance Status	I	I	I	C
Evaluated as of:	02/13/2019	02/13/2019	02/13/2019	02/13/2019

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	Permit Condition	01/26/2018	N/A	N/A	N/A	Failure to sample BOD, Cu, Pb, TSS		
2 nd	Reporting	04/28/2018	N/A	N/A	N/A	Late SMR		
2 nd	Parameter	05/04/2018	Grab	City	IU	pH (instantaneous)	10.6/10.5 SU	Continuous
2 nd	Parameter	05/06/2018	Grab	City	IU	pH (instantaneous)	3.5/5.0 SU	Continuous
2 nd	Parameter	05/07/2018	Grab	City	IU	pH (instantaneous)	4.0/5.0 SU	Continuous
2 nd	Parameter	05/20/2018	Grab	City	IU	pH (instantaneous)	2.4/5.0 SU	Continuous
2 nd	Parameter	05/28/2018	Grab	City	IU	pH (instantaneous)	4.0/5.0 SU	Continuous
2 nd	Parameter	05/29/2018	Grab	City	IU	pH (instantaneous)	3.0/5.0 SU	Continuous
2 nd	Permit Condition	Various	N/A	N/A	N/A	Falsifying SMR data		
3 rd	Parameter	09/04/2018	Grab	City	IU	pH (instantaneous)	10.7/10.5 SU	Continuous
3 rd	Parameter	09/08/2018	Grab	City	IU	pH (instantaneous)	10.6/10.5 SU	Continuous
3 rd	Parameter	09/09/2018	Grab	City	IU	pH (instantaneous)	10.7/10.5 SU	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(1)	A(3)	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 |

For the Year Ending December 31, 2018

23042R01

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Shearer's Foods, LLC - Barrel O' Fun Snack Foods Southwest
 Process Flow: 188,373 (GPD) Average

General Information and type of wastewater treatment	<p>This facility manufactures potato chips, kettle corn, popcorn, carmel corn, kettle corn, and cheese puff snacks.</p> <p>The wastewater treatment consists of equalization, pH adjustment, coagulation, floatation, physical separation, and solids dewatering.</p>
First Quarter	<p>On 02/06/2018, an NOV was issued for IU failure to sample for BOD, Copper, Lead, and TSS during the 4th quarter of 2017. All requirements of the NOV were met.</p>
Second Quarter	<p>On 05/10/2018, an NOV was issued for submitting a late self monitoring report which was due on 04/28/2018. The SMR was received on 05/02/2018, 4 days late. All requirements of the NOV were met.</p> <p>On 06/20/2018, an NOV was issued for six separate pH violations from 05/04/2018 to 05/29/2018. All requirements of the NOV were met.</p> <p>On 06/21/2018, an NOV was issued for falsifying SMR data from 03/01/2018 to 05/31/2018. The City became aware of violations regarding falsifying pH data on 06/18/2018. All requirements of the NOV were met.</p>
Third Quarter	<p>On 09/13/2018 the City issued four pH waivers issued between 08/06/2018 to 09/04/2018.</p> <p>On 09/13/2018, an NOV was issued for three separate pH violations from 09/04/2018, 09/08/2018, and 09/09/2018. 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: Signetix, Inc.

Process Flow: 3,020 (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	
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**

353

NAME: SkyChefs, Inc. – LSG SkyChefs		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 1451 South 23 rd Street Phoenix, Arizona 85034-4806		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: 07/01/2017	PERMIT EXPIRES: 06/20/2022	
SAMPLING LOCATION VERIFIED ON: 01/26/2018		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 01/26/2018		COMPLIANCE SAMPLING POINT No: 2390.01		
	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	7	2	0
Number of IU Sampling Days	1	1	1	3
Number of Parameter Violations	0	1	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	1
Number of Permit Cond. Violations	0	0	1	0
Compliance Status	C	I	I	I
Evaluated as of:	02/11/2019	02/11/2019	02/11/2019	02/11/2019

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
2 nd	Parameter	04/23/2018	Grab	City	IU	pH (Instantaneous)	11.27/10.5 SU	13
3 rd	Permit Condition	05/22/2018	N/A	N/A	N/A			
4 th	Parameter	10/12/2018	Grab	City	IU	Lead	0.47/0.41 mg/L	7
4 th	Reporting	11/20/2018	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	A(2)	N	A(2)		

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: SkyChefs, Inc. – LSG SkyChefs

Process Flow: 53,726 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 04/27/2018, an NOV was issued a pH excursion on 04/23/2018. As a result of this violation, SkyChefs was required to sample for pH once per day for four (4) consecutive days, which began the week of 05/11/2018. All requirements of the NOV were met.</p> <p>On 06/18/2018, an NOV was issued to SkyChefs when it was discovered that both three compartment grease interceptors were in a state of surcharge and review of the pumping records indicated that the devices were not being properly maintained per an inspection which occurred on 05/22/2018. All requirements of the NOV were met.</p>
Third Quarter	
Fourth Quarter	<p>On 11/21/2018, the City became aware of a violation for the daily maximum limit for lead as well as the reporting violation of the 24-Hour notification requirement for the lead exceedance. Notification was due by 11/20/2018 and was not received until 11/21/2018, 1 day late. NOV's for the exceedance and for the late reporting were both issued on 11/28/2018.</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**

355

NAME: Specialty Textile Services			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE ADDRESS: 737 West Buchanan Street Phoenix, Arizona 85007-3405		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: 07/01/2017		PERMIT EXPIRES: 06/30/2022	
SAMPLING LOCATION VERIFIED ON: 03/01/2018		RCRA NOTICE: 07/24/1997		
SLUG CONTROL PLAN EVALUATION DATE: 03/01/2018		COMPLIANCE SAMPLING POINT No: 5373.01		
	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	5	3	3	6
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	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	02/11/2019	02/11/2019	02/11/2019	02/11/2019

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
4 th	Parameter	12/17/2018	Grab	City	City	pH (Instantaneous)	10.8/10.5 SU	9
			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(1), 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: Specialty Textile Services

Process Flow: 86,870 (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	<p>On 12/19/2018, a TIM was issued for a pH violation which occurred during City monitoring on 12/17/2018. A Field NOV was issued on 12/17/2018 at the time of sampling. 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**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: SUMCO Southwest Corporation

Process Flow: 943,324 (GPD) Average

General Information and type of wastewater treatment	<p>The facility grows, cuts, etches, and polishes silicon crystals. SUMCO treats three separate waste streams:</p> <ol style="list-style-type: none"> 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	<p>On 01/19/2018 an NOV and TISM was issued to SUMCO for a Mercury exceedance that occurred on 12/08/2017 during City sampling. All requirements of the NOV were met.</p> <p>On 01/22/2018 an NOV was issued to SUMCO for late reporting of a Mercury effluent limit exceedance that occurred on 12/08/2017. SUMCO became aware of the violation on 12/19/2017; it was not reported until 01/18/2018, 29 days late. This NOV was reissued on 03/13/2018. 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: Sumitomo Chemical Advanced Technologies, LLC.

Process Flow: 816 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 03/02/2018, the facility notified the City of a change of name from Sumika Electronic Materials, Inc. to Sumitomo Chemical Advanced Technologies, LLC. Permit no. 1803-21502 was issued on 03/12/2018 with an effective date of 03/12/2018.</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: 20,778 (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

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

363

NAME: Unifirst Corporation		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 104 North 14th Street Phoenix, Arizona 85034-1114		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: 12/01/2017	PERMIT EXPIRES: 11/30/2022	
SAMPLING LOCATION VERIFIED ON: 03/16/2018		RCRA NOTICE: 01/03/1992		
SLUG CONTROL PLAN EVALUATION DATE: 03/16/2018		COMPLIANCE SAMPLING POINT No: 3770.02		
	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	2	0	0	0
Number of City Sampling Days	5	1	7	3
Number of IU Sampling Days	1	1	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:	5/7/2018	07/17/2018	12/31/2018	02/12/2019

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	Parameter	02/08/2018	Composite	City	City	Copper (Daily)	1.56/1.5 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			A(1), 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 | |
| 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: Unifirst Corporation

Process Flow: 74,232 (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	<p>On 03/20/2018, the City became aware of a daily Copper exceedance that occurred during City sampling on 02/08/2018. An NOV, 30-day Resample, and TISM were issued on 03/27/2018. The IU met all requirements.</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

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

365

NAME: Upper Crust Bakery			REPORT PERIOD: 01/01/2018 through 12/31/2018		
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: 08/23/2018		RCRA NOTICE: 06/02/2017			
SLUG CONTROL PLAN EVALUATION DATE: 10/31/2018		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	0	0	1	0	
Number of City Sampling Days	4	2	0	4	
Number of IU Sampling Days	1	0	1	4	
Number of Parameter Violations	0	0	2	3	
Number of Inspection Violations	0	0	0	0	
Number of Reporting Violations	1	0	3	0	
Number of Permit Condition Violations	0	0	1	0	
Compliance Status	I	C	I	S	
Evaluated as of:	10/12/2018	10/12/2018	12/31/2018	02/12/2019	

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	Reporting	03/01/2018	N/A	N/A	N/A	Late SMR		
3 rd	Permit Condition	07/01/2018	N/A	N/A	N/A	Failure to Sample		
3 rd	Parameter	09/17/2018	Grab	City	IU	pH(Instant.)	4.83/5.0 SU	Continuous
3 rd	Parameter	09/27/2018	Grab	City	IU	pH(Instant.)	4.26/5.0 SU	Continuous
3 rd	Reporting	09/18/2018	N/A	N/A	N/A	24-Hour Notification		
3 rd	Reporting	09/28/2018	N/A	N/A	N/A	24-Hour Notification		
3 rd	Reporting	09/30/2018	N/A	N/A	N/A	24-Hour Notification		
4 th	Parameter	10/30/2018	Grab	City	IU	pH(Instant.)	10.94/10.5 SU	Continuous
4 th	Parameter	12/02/2018	Grab	City	IU	pH(Instant.)	10.8/10.5 SU	Continuous
4 th	Parameter	12/27/2018	Grab	City	IU	pH(Instant.)	10.8/10.5 SU	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(1)	N	N	A(4)		

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: 24,603 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 larger capacity grease interceptor.</p>
First Quarter	<p>On 03/13/2018, an NOV was issued for submitting a late self-monitoring report which was due on 02/28/2018. The SMR was received on 03/02/2018; 2 days late. All requirements of the NOV were met.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 10/23/2018, an NOV was issued for IU failure to sample for BOD, TSS, Copper and Lead during the second quarter of 2018. All requirements of the NOV were met.</p> <p>On 10/29/2018 and 10/30/2018, the City became aware of continuous pH exceedances that occurred on 09/17/2018, 09/27/2018 and 10/30/2018. An NOV was issued on 11/27/2018. The IU met all requirements.</p> <p>On 11/27/2018, an NOV was issued for late reporting – 24-hour notification of pH exceedances that occurred on 09/17/2018, and 09/27/2018. The City was not notified until 10/29/2018, 42 and 32 days late, respectively. All requirements of the NOV were met.</p> <p>On 11/27/2018, a Compliance Status Review Meeting took place to review violations that occurred during the 1st, 2nd and 3rd Quarters of 2018.</p> <p>On 11/29/2018 the IU was notified of 4th Quarter Significant Non-Compliance for submitting reports 30 days or more past the due dates; 24-hour notification reports were 42, 32 and 31 days late.</p> <p>On 12/02/2018, the City became aware of a continuous pH exceedance that occurred on 12/02/2018. An NOV was issued on 12/07/2018. The IU met all requirements.</p> <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>

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**

367

NAME: Valkyrie Industries, Inc.			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE ADDRESS: 6033 West Sherman Street Phoenix, Arizona 85043-3514		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 04/30/2002	
TTO CERTIFICATION DATE SUBMITTED: 11/28/2018		PERMIT EFFECTIVE: 01/01/2018	PERMIT EXPIRES: 12/31/2022	
SAMPLING LOCATION VERIFIED ON: 08/02/2018		RCRA NOTICE: 07/12/2002		
SLUG CONTROL PLAN EVALUATION DATE: 08/02/2018		COMPLIANCE SAMPLING POINT No: 21189.01		
	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	1
Number of City Sampling Days	3	3	5	0
Number of IU Sampling Days	3	3	3	1
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:	04/27/2018	07/27/2018	12/31/2018	12/31/2018

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	08/14/2018	Composite	Federal	City	Chromium (Daily)	4.35/2.77 mg/L	5
3 rd	Parameter	08/14/2018	Composite	Federal	City	Chromium (MAV)	4.35/1.71 mg/L	3
3 rd	Parameter	08/14/2018	Composite	Federal	City	Nickel (MAV)	2.81/2.38 mg/L	3
3 rd	Parameter	08/14/2018	Composite	Federal	City	Zinc (MAV)	2.01/1.48 mg/L	2
			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), 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: Valkyrie Industries, Inc.
 Process Flow: 5,618 GPD (average)

General Information and type of wastewater treatment	<p>This facility performs anodizing, electro/electroless plating of nickel, and tin, and chromium passivation. Wastewater treatment consists of stream segregation, chemical reduction, electrolytic recovery, hydroxide precipitation, filtration, and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 09/20/2018 the City became aware of violations of the daily maximum and monthly average limits for chromium as well as monthly average limits for nickel and zinc. An NOV for the violations was issued on 09/25/2018; a TISM and 3-day resample for the chromium daily maximum violation was issued on 09/25/2018. The IU met all requirements.</p>
Fourth Quarter	<p>Permit 1801-21189 was terminated 11/20/2018 after the facility removed all of its plating lines and discontinued metal finishing processes effective 10/31/2018.</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

369

NAME: World Resources Company		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE 8113 West Sherman Street ADDRESS: Tolleson Arizona 85353-4025		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 12/07/1998	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 04/01/2017		PERMIT EXPIRES: 03/31/2022	
SAMPLING LOCATION VERIFIED ON: 11/07/2018		RCRA NOTICE: 12/16/2001		
SLUG CONTROL PLAN EVALUATION DATE: 11/07/2018		COMPLIANCE SAMPLING POINT №: 5404.01		
	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	1	0	1	2
Number of IU Sampling Days	1	0	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	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	02/11/2019	02/11/2019	02/11/2019	02/11/2019

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: World Resources Company

Process Flow: 14,164 (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	
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

SECTION 2.4
CITY OF SCOTTSDALE

POTW PRETREATMENT ANNUAL REPORT

CITY OF SCOTTSDALE, ARIZONA

NPDES Permit Holder: City of Phoenix, ArizonaPeriod Covered by this Report: 01/01/2018 through 12/31/2018Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment PlantNPDES 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.

2/1/2019

Date



Brian K. Biesemeyer

Executive Director

Water Resources Division, City of Scottsdale, Arizona



INTRODUCTION

2018 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 2018, the estimated population was 249,950.

Scottsdale Water is full service water utility, providing water, sewer, and recycled water service. Scottsdale Water's vision is "water sustainability through stewardship, innovation, and people". Following this vision Scottsdale Water has won several prestigious awards including the Association of Metropolitan Water Agencies Platinum Award for Utility Excellence (2015) and the EPA's Utility of the Future Today designation (2016). 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. In 2018, Scottsdale Water received the Sustainable Water Utility Management Award from the Association of Metropolitan Water Agencies (AMWA) for operating 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. 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

2018 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 less hazards posed 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

The city of Scottsdale samples the wastestream(s) of all permitted Significant Industrial Users (SIU) on a regular basis. In 2018, each SIU was sampled twice. Under their 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 1,116 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 2018, a total of 1185 inspections were performed at restaurants, bars, hotels, night clubs, and golf courses. Inspectors complete 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 161 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 121 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 identifies key sites within its conveyance system and samples the wastewater for pollutants of concern when necessary. Based on results from sample analysis and information derived from industrial/commercial surveys, sources for potential pollutant discharges can be identified and then monitored. In 2018, the Pretreatment group performed inspections at 68 commercial facilities and entered the information into a database for future 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 QUALITY ADVISORY BOARD

A City Council appointed a citizen board, the Environmental Quality Advisory Board (EQAB) advises Council on issues related to environmental quality. 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 EQAB provides guidance on the prioritization of future environmental activities and recommends environmental policies to the city.

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, 2018 – December 31, 2018 – Total Pretreatment Expenditures **\$315,299**

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2017</u>	<u>FTEs 2018</u>
Regulatory Compliance Manager	0.2	0.2
Water Quality Coordinator	1.0	1.0
Water Quality Specialists*	5.0	5.0

***This position shares responsibilities in other water quality programs**

PRETREATMENT PROGRAM EXPENDITURES

Laboratory Services	\$ 5,643.00
Operating Supplies and Expenses	\$ 298,296.00
Annual Software Maintenance/Support	\$11,360.00

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2018</u>	<u>Total 2018</u>
pH Meter	0	3
Gas Detectors	0	2
Portable Auto-Sampler	0	6
Vehicles	0	5
Computers / Software	1	10
Area Velocity Probes	0	3
Samplers / pH	0	1

CITY OF SCOTTSDALE
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018

	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

CITY OF SCOTTSDALE

PRETREATMENT PERFORMANCE SUMMARY ADDITIONS, DELETIONS AND CHANGES TO THE SIU LIST

ADDITIONS

The following Significant Industrial Users were added in 2018:

None

DELETIONS

The following Significant Industrial Users have ceased operations in 2018:

Henkel Consumer Goods

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2018:

General Dynamics is now classified as a Non-Significant Industrial User

NAME CHANGES

The following Significant Industrial Users changed their names in 2018:

Scottsdale Healthcare – Shea	IS NOW	HonorHealth – Shea
Scottsdale Healthcare – Osborn	IS NOW	HonorHealth – Osborn
Scottsdale Healthcare – Thompson Peak	IS NOW	HonorHealth – Thompson Peak

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, 2018			Categorical IUs: 0		Significant Non-Categorical IUs: 5	
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	No.	%	No.	%	No.	%
1.	No. of SIUs in Full Compliance		5	100%	5	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		14		14	
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	General Dynamics C4 S facility design, manufactures and integrates electronic hardware, software and complex electronic systems including radio, telephone, telemetry and command data equipment. Manufacturing involves assembly of parts with minimal chemical usage.
First Quarter	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 6000-gal waste stream retention sump is still in place as well as their sampling compliance point. They now discharge in batches of 5000 - 6000 gallons roughly every 3-4 weeks. They are notified in advance of the city's sampling event to enable enough discharge to "flow sample." They discharge at a rate of 30 gallons per a minute, resulting in a 5-hr. sampling window during this batch discharge.
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: 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>HonorHealth – Osborn conducted their required quarterly self-monitoring. No enforcement actions.</p>
Third Quarter	<p>HonorHealth – Osborn conducted their required quarterly self-monitoring. 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 **X** No

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

CITY OF SCOTTSDALE SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

387

NAME: HONORHEALTH – SHEA		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 9003 EAST SHEA BLVD		MAILING ADDRESS: SAME		
CATEGORICAL USER? No	40 CFR Local limits	LIMITS APPENDIX: A	BMR SUBMITTED: 11/15/1991	
TTO CERTIFICATION DATE SUBMITTED: 10/25/2018		PERMIT EFFECTIVE: 1/1/2016	PERMIT EXPIRES: 12/31/20121	
SAMPLING LOCATION VERIFIED ON: 10/30/2018		RCRA NOTICE: 8/17/1992		
SLUG CONTROL PLAN EVALUATION DATE:				
	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	0	2
Number of IU Sampling Days	2	2	2	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	0
Compliance Status	C	C	C	c
Evaluated as of:	4/24/2018	7/19/2018	10/25/2018	1/22/2019

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 | 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 – Shea

Process Flow: 14,025 (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 two days of sampling during the quarter. HonorHealth – Shea conducted their required quarterly self-monitoring. No enforcement actions.</p>
Second Quarter	<p>HonorHealth – Shea conducted their required quarterly self-monitoring. No enforcement actions.</p>
Third Quarter	<p>HonorHealth – Shea conducted their required quarterly self-monitoring. No enforcement actions.</p>
Fourth Quarter	<p>The city conducted two days 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>HonorHealth – Thompson Peak conducted their required quarterly self-monitoring. No enforcement actions.</p>
Third Quarter	<p>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

CITY OF SCOTTSDALE SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

391

NAME: MAYO CLINIC		REPORT PERIOD: 01/01/2018 through 12/31/2018			
SERVICE 13400 E Shea Blvd, ADDRESS: Scottsdale, AZ 85259		MAILING ADDRESS: Same			
CATEGORICAL USER? NO	40 CFR: LOCAL LIMITS	LIMITS APPENDIX: A		BMR SUBMITTED: N/A	
TTO CERTIFICATION DATE SUBMITTED: 1/23/2019		PERMIT EFFECTIVE: 01/01/2016		PERMIT EXPIRES: 12/31/2021	
SAMPLING LOCATION VERIFIED ON: 10/03/2018		RCRA NOTICE: 12/28/1990			
SLUG CONTROL PLAN EVALUATION DATE: 11/17/2014					
	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	1	0	0	1	
Number of IU Sampling Days	2	2	2	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	0	
Compliance Status	C	C	C	C	
Evaluated as of:	04/24/2018	07/13/2018	10/24/2018	01/23/2019	

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 | 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: 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 steam 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>Mayo Clinic separately conducted quarterly sampling via RDH for monitoring of the facility.</p>
Third Quarter	<p>Mayo Clinic separately conducted quarterly sampling via RDH for 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: 01/01/2018 through 12/31/2018

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

NPDES Permit Number: AZ0020524

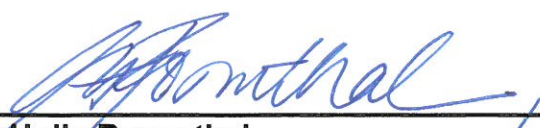
Person to Contact Concerning City of Phoenix Information Contained in the Report:

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.

1/31/19
Date:

 DPWD-WUD
Holly Rosenthal
Deputy Director of Public Works
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, 2018 through December 31, 2018

Tempe entered into Two Pretreatment Settlement Agreements (“PSA”) in the 2018 calendar year. One will result in a process modification at the Significant Industrial User (“SIU”) to address copper violations, and the other will result in a development agreement where the SIU will fund a sewer service line capacity expansion to address daily total discharge volume and flow rate exceedances. A Capital Improvement Project is underway for the sewer capacity upgrade and the SIU has tentatively agreed to reimburse the city’s cost to complete the project.

Two compliance solutions procured in 2018 are set for full implementation in the first quarter of 2019. One solution is an application to manage the Fats Oils and Grease (“FOG”) program, which will also support the administration of the Tempe Grease Cooperative (“TGC”). The second software is an off-the-shelf solution to manage permitted Industrial User compliance and non-permitted commercial/industrial user inspection activity.

The Environmental Compliance Inspection team remains at a full staffing level of seven inspectors. Inspections are conducted in a multi-media capacity where each Inspector identifies pretreatment (SIU, IU, FOG, and commercial), stormwater compliance (MSGP and City Code), cross connection control, and air quality concerns.

In regards to the Tempe Grease Cooperative (TGC), as of December 31, 2018, 213 food service establishments and four permitted IUs are members of the TGC. The Tempe Grease Cooperative Annual Report for Fiscal Year 17-18 is included in this year’s Pollution Prevention report. Information about the Tempe Grease Cooperative is available at <http://www.tempe.gov/grease>.

Tempe has applied the November 2017 Rules and Procedures for Interceptors and Traps for Wastewater Pretreatment, which has afforded Tempe the flexibility to allow new high efficiency grease control devices, and approve sizing variances when deemed appropriate. Significant changes include right-sizing cleaning frequencies for Public K-12 schools, providing the Public Works Department the flexibility to permit use of grease protection devices as disposal commissaries.

Additionally, Tempe is exploring an operational reorganization within the Environmental Services Section that would combine the TGC with the FOG program and put both programs under the supervision of the TGC workgroup.

CITY OF TEMPE

Annual Best Management Practices Report

**Pollution Prevention through Point Source Control Measures
&
Educational Outreach Program Efforts
for January 1, 2018 through December 31, 2018**

CITY OF TEMPE

2018 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:

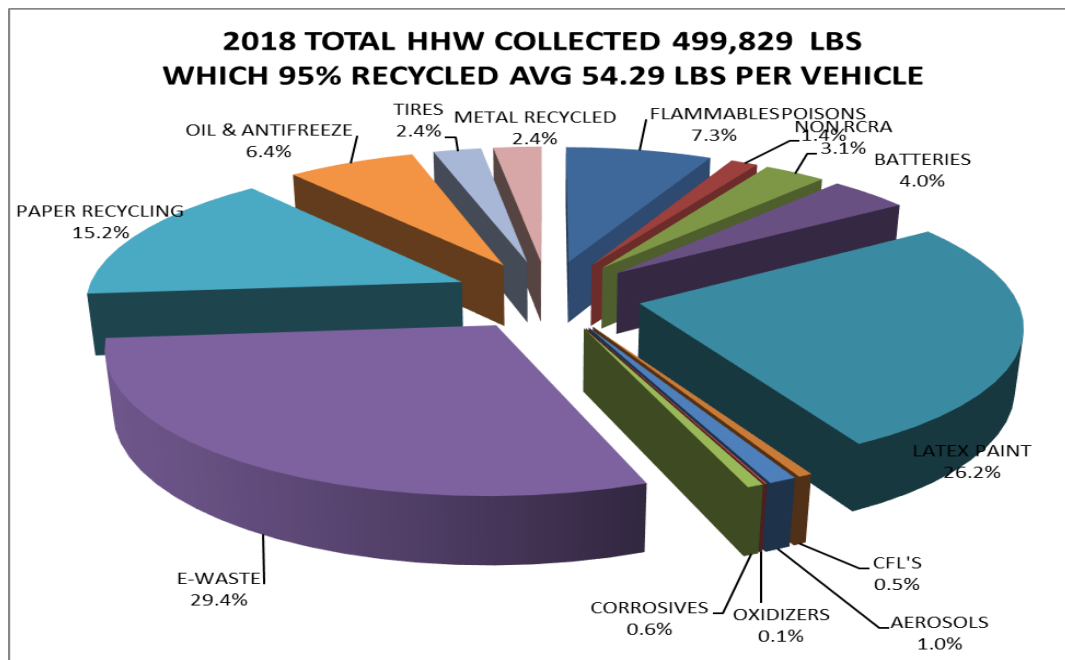
- Provide for the safe and convenient disposal of most common household products on a continuous basis;
- Enhance recycling of collected materials;
- Protect the environment and public health and safety by reducing the amount of illegal dumping; and
- Provide public education on the proper management of household chemicals.

Participation at the facility has increased by 4 percent in 2018 with 8,723 visitors, which resulted in a 10% increase with the diversion of 499,829 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 Solid Waste Section of the City's Public Works 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 can be found 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 2018. All newsletters and inserts are available at www.tempe.gov/temptoday.

January 2018 included an update titled "*Four Zero Waste Days annually*". The update advised residents that Tempe added two additional Zero Waste days, bringing the annual total to four events that were scheduled for January, April, August, and November of 2018. More information is available at www.tempe.gov/SMART.

February 2018 included an article with the title, "*Geeks Night Out returns March 1*". 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") have on the sewer system, how it is removed at the source prior to entry at commercial facilities, 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.

February 2018 also included an update with the title "*Only rain in the Storm Drain*" to promote awareness related to what storm drains are for, and to remind residents to not dispose of trash, chemicals, or automotive products in the storm

drains. More information on stormwater is available at www.tempe.gov/stormwater.

March 2018 included an article titled *“It’s Earth Month and Tempe is all kinds of green”* to promote Earth Day 2018 and to highlight the earth friendly services available to Tempe residents. It advertised a free compost giveaway on April 7, 2018, and one of the City’s Zero Waste Day’s held on April 28, 2018. 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 is available at www.tempe.gov/ZeroWaste. Additionally, the article advertised Water Awareness Month and provided basic conservation information and resources to residents. More information about Tempe’s water conservation efforts is available at www.tempe.gov/conservation, and information about Sustainable Tempe’s programs is available at www.tempe.gov/SustainableTempe.

March 2018 also included an article with the title, *“Dispose of expired, unused medications”*, 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 28, 2018 at the Tempe South Substation.

April 2018 included an announcement in the *“Connect with Councilmembers”* section that promoted Tempe Councilmember Lauren Kuby’s April *“Sustainability Circle”*, which were two 90-minute meetings where she discussed topics related to environmental stewardship and sustainability with residents.

April 2018 also included an article with the title *“Tempe to reduce carbon emissions and support renewable energy”*, which highlighted Tempe’s efforts to achieve a strategy that would result in 100 percent of its electricity coming from renewable sources by 2035, and a goal of carbon neutrality by 2050. For more information on the City’s sustainability initiatives, visit www.tempe.gov/SustainableTempe.

May 2018 included a highlight with the title *“New Map will help Tempe combat opioid abuse”* that discussed the development of a GIS map that would pinpoint where opioid callouts occur. Environmental Services staff participates on the working committee discussed in this article and contributes support to the project. Additional information is available at www.tempe.gov/opioids.

July 2018 included a highlight with the title “*Keep stormwater system safe during monsoons*” 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. Additional information on monsoon safety is available at www.tempe.gov/monsoons and www.tempe.gov/stormwater

July 2018 also included an article with the title “*Tempe’s third Zero Waste Day of 2018 is coming to south Tempe*” which provided residents with a platform to recycle household hazardous waste, as well as electronics, appliances, automobile tires, scrap metal and clothing. More information is available at www.tempe.gov/SMART.

August 2018 included an announcement for September’s 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 2018 included an announcement in the “*Connect with Councilmembers*” that promoted Tempe Councilmember Lauren Kuby’s September “*Sustainability Circle*”, which were two 90-minute meetings where she discussed topics related to environmental stewardship and sustainability with residents.

October 2018 included an article with the title “*Zero Waste Day is Nov. 17*” This event provided a platform for residents to get rid of unnecessary clutter in an environmentally responsible way. Residents were able to recycle e-waste, hazardous house items, and documents and the city donated acceptable items to charity. The City gave away free recycled paint and Tempe-produced compost, both free of charge. More information is available at www.tempe.gov/SMART.

November 2018 included an article with the title “*Recycle your holiday cooking grease!*” which reminded residents that holiday cooking can create a significant amount of grease. As a way to decrease its harmful effects on plumbing, the City of Tempe established various drop off locations for residents to recycle their used grease.

December 2018 included an article with the title “*January Zero Waste Day,*” which advertised a platform to get rid of unnecessary clutter in an environmentally responsible way. Residents were able to recycle e-waste, hazardous house items, and documents, and the city donated acceptable items to charity. The City gave away free recycled paint and Tempe-produced

compost, both free of charge. More information is available at www.tempe.gov/SMART

December 2018 also included a highlight with the title “*Heed “No Burn Day” warnings*”, which described to residents that no burn days are put into place to ensure our air quality is in compliance with Maricopa County requirements. On days when particulate matter (PM) is expected to be past a certain threshold, a health watch or high pollution advisory is issued, which results in a No Burn Day. Residents are prohibited from burning wood in their fireplaces, stoves, chimneys and fire pits on these days. More information is available at www.tempe.gov/airquality and www.cleanairmakemore.com.

Additional outreach flyers were distributed to individuals attending public events including the Zero Waste Days, the spring and winter Tempe Arts Festival , and the 2018 Arizona State University Homecoming Parade, as well as other outreach events attended by city staff.

INDUSTRIAL AND COMMERCIAL 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 9 inspections at Industrial Users permitted with either a Class II, III, or IV discharge permit during the period of January 1, 2018 through December 31, 2018.

The City received and responded to 183 calls during the 2018 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
Interceptor/Traps	5
Odor	66
Other (Dust, Illegal Disposal)	43
SSO (2 Private; 5 City)	7
Storm water	41

During 2018, 750 City sampling events were completed; 340 of these events took place at categorical facilities, and the remaining 410 events were at non-categorical facilities. Permitted Industrial Users conducted a combined 1303 of their own sampling events in 2018 as well.

Staff performed 127 commercial walk-through inspections were completed, and 221 commercial food establishment inspections were completed. Additionally, the City received a service manifest after each of the approximately 1,607 grease trap or interceptor services performed under the Tempe Grease Cooperative. This enhances maintenance control.

Tempe Grease Cooperative

The City of Tempe continues to offer food service establishments (FSEs) the opportunity to participate in an innovative, green partnership to manage their fats, oils and grease (FOG) through city procured grease trap and interceptor cleaning services. The overall goals of the TGC are to:

- Reduce odors and plumbing backups by providing high quality service, lower cost service and overall best management practices and education for Tempe's restaurants;
- Create more sustainable plumbing and municipal sewer infrastructure by routine device maintenance and monitoring to prevent pollution from failing devices;
- Offer advocacy-based pollution prevention education to member restaurants; and
- Explore the use of FOG waste as a renewable energy resource.

For more information about the TGC, please see the attached Fiscal Year 17/18 Annual Report, and visit their website at www.tempe.gov/grease.

Professional Associations

ESS Staff are actively involved in various environmental, health and safety organizations such as the AZ Water Association and the Water Environment Federation.

Tempe Grease Cooperative Annual Report, FY 17-18

Introduction

In April 2012, Tempe City Council modified Chapter 27 of the Tempe City Code, the City's Sewer Use Ordinance, establishing the city's authority to provide for "city-procured maintenance and cleaning services for interceptors and traps used by food service establishments." Council exercised that authority in November 2013 by passing Resolution No. 2013-133, which formally established the Tempe Grease Cooperative (TGC). The Ordinance and Resolution established two core goals for the TGC:

1. Improve the sustainability of the city's publicly owned wastewater treatment works
2. Explore the development of waste fats, oils and grease as a renewable energy supply

The TGC establishes the regulatory sewer agency as the central buying organization for restaurant fats, oils, and grease (FOG) compliance requirements, providing member restaurants with compliant FOG services at discounted prices through the use of collective contracts that are established and administered by the city.

The Tempe Grease Cooperative began with its first service in March 2014.

FY 17-18 Goals

Goals for the Tempe Grease Cooperative during Financial Year 2017-2018 are outlined in the TGC's 5-Year Strategic Plan. Also, the Public Works Department as a whole begun working on a collective strategic planning initiative, which has brought greater resolution to the TGC's goals as well. Finally, input from the restaurant community and other key stakeholders also drives the TGC's goal-setting and visioning processes.

TGC/2023: Tempe Grease Cooperative 5-Year Strategic Plan

One of the program's biggest accomplishments in FY 17-18 was the development of a 5-Year Strategic Plan for the Tempe Grease Cooperative, which was completed in December 2017. The first objective of the Strategic Plan was to make the core goals established by Council measurable. The measurable core goals are:

1. Achieve at least 85% compliance-assurance for restaurants city-wide by 2023, with at least 500 Tempe restaurants enrolled in the TGC
2. Establish a project specific plan for 100% recovery of diverted FOG by 2022

Based on observed successes and challenges experienced during the first four years of the TGC, the Strategic Plan outlined the following overall strategic direction: "Explore regional interest in, and opportunities for, achieving sustainable infrastructure and renewable energy goals through regionalization of the Grease Cooperative." This direction is supplemented with major strategic initiatives and supporting tasks to collectively provide a roadmap for achieving the program's measurable core goals. The four strategic initiatives are:

1. Conduct a cost/benefit analysis for the TGC as both a local and regionalized program
2. Coordinate the development and full deployment of the FOG/TGC administrative software solution
3. Research, develop and implement an Infrastructure Assistance Program for TGC
4. Work with Solid Waste to implement a commercial food scraps collection and recovery program utilizing existing partnerships with TGC member restaurants

Public Works Strategic Planning Initiative

The collective, department-wide effort of a strategic planning and visioning process throughout the fiscal year has also contributed to the management and goal-setting of the Tempe Grease Cooperative. As a result of this effort, the TGC established the following Purpose Statement:

The Tempe Grease Cooperative ensures FOG compliance through advocacy and compliance assistance on behalf of local food service establishments that choose to join the TGC, and the Tempe residents and visitors who frequent them.

The TGC also established five key performance indicators (KPIs) that aim to ensure that the direction and actions of the program reflect its goals and to help evaluate its progress over time. The KPI's are as follows:

1. The number of new restaurants enrolled into the TGC
2. The number of members who withdrew from the TGC due to customer service
3. The number of TGC members that are serviced at a compliant frequency
4. Notification percentage to members with infrastructure issues; quarterly device condition report to Compliance Team
5. Exceed the current industry standard in regard to transparency and accessibility of the administration and provision of service

FY17-18 Results

Contract Spending

There were two grease trap and interceptor pumping vendors that performed services on behalf of the Tempe Grease Cooperative in FY 17-18. Between the two vendors, the TGC performed 1607 services which totaled to \$180,294.75. Compared to standard market pricing, member restaurants would have had to collectively spend an additional \$83,445.62 to receive the exact same services outside of the cooperative procurement model that the TGC provides. Additionally, the blended pricing structure of the TGC's price list generated \$2,628.00 in revenue, which was then distributed to current members at the end of FY 17-18, proportional to the amount charged for pumping costs. The average credit returned to members was \$13.48.

There were two vendors that performed used fryer oil collection services on behalf of the Tempe Grease Cooperative in FY 17-18. Between the two vendors, the TGC performed 574 services which totaled to a collective credit of \$13,995.67.

There were two vendors that performed hydrojetting services on the behalf of the Tempe Grease Cooperative in FY 17-18. Between the two vendors, the TGC performed 57 services which totaled to \$13,691.15.

The amount saved from pumping services and the number, cost, and variety of services performed reflect positive progress towards KPI 5.

For all of the TGC services performed, the total amount expended in FY 17-18 was \$193,985.90; the total amount of revenue generated was \$16,623.67. Since 100% of this cost and credit is passed to members through Tempe’s billing processes, the risk to the city is only subject to deficit from members that pay their bill late or not at all. At the end of FY 17-18, there were 44 members (approximately 22% of members) that were late or overdue, totaling to \$14,981.37 – equivalent to approximately 7% of total spending. Five of these members are now closed and their overdue payments will be sent to collections. The remaining late and non-paying members are currently undergoing the TGC’s internal collection and suspension process. The goal for FY 18-19 is to reduce the total amount of delinquent accounts, in terms of both the number of members and the total cost. In part, this will be resolved through the completion of the software development and implementation and through securing additional personnel resources. In FY 18-19, this can be further addressed through the creation and implementation of a Standard Operating Procedure (SOP).

Membership Growth and Demographics

Across FY 17-18, the Tempe Grease Cooperative served 217 different members. At the end of the fiscal year, there were 204 members. Across these members, the TGC serviced 230 unique grease protection devices; specifically, 130 grease traps and 100 grease interceptors.

Throughout FY 17-18, the TGC recruited 32 new members; and 13 members left the program. Four of these were existing members that simply had a change of ownership, change of name, or change of location – therefore these are counted both in the new members and withdrawing members. This number is still significant, however, because it demonstrates that the TGC has a 100% success rate of keeping members in the program through significant business changes in FY 17-18.

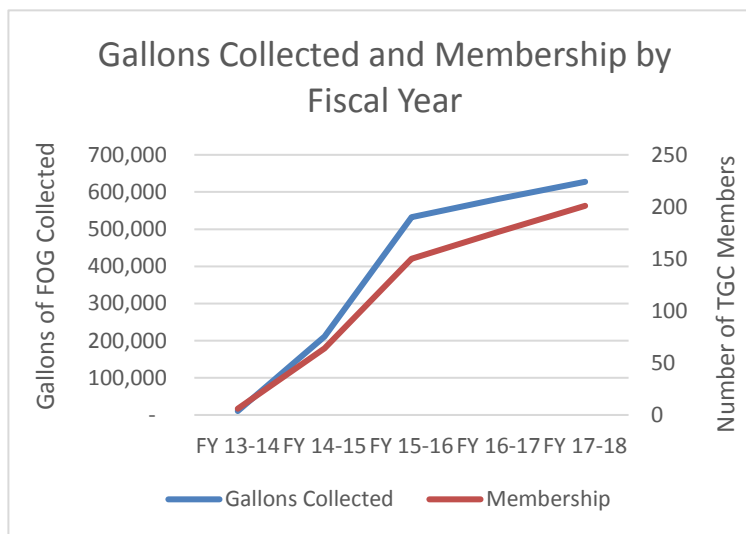


Figure 1: Gallons of FOG collected and total membership by fiscal year

Excluding the four existing members, the 28 truly new enrollments add an additional nearly 70,000 gallons of grease trap waste that can be collected on a yearly basis, bringing the new annual collection potential to nearly 634,000 gallons per year.

The Strategic Plan goal of 500 total members over the next 5 years, with a starting point of approximately 200 existing members, would allude to a recruitment goal of approximately 5 new members each month over the next five years. However, due to resource constraints, the TGC is taking a recruitment approach that will look more exponential rather than linear. The TGC is currently recruiting at a slightly slower rate and is focusing its current allotment of resources to build a foundation – mainly through the development of a TGC software and the effort to bring in a second, permanent staff person – which will support rapid recruitment at a much higher rate. In practice, the FY 17-18 specific recruitment goal was to recruit three to five new members each month; the TGC was successful in meeting the low end of this goal.

From the remaining 9 members that withdrew from the program, 6 left because the business closed down, 2 left because of pricing, and 1 left because their corporate office instructed that they follow a national contract. In FY 17-18, zero members left because of customer service.

These results reflect positive progress towards KPI's 1,2, and 5.

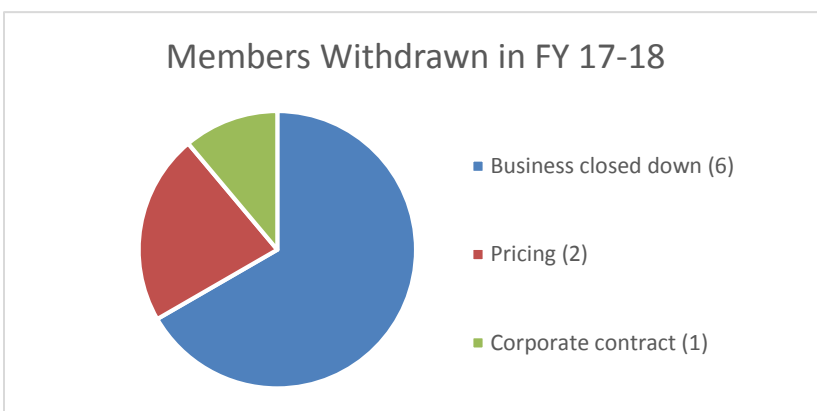


Figure 2: Members withdrawn from the TGC in FY 17-18. Note, zero members withdrew as a result of customer service.

Compliance

One of the core components of the Tempe Grease Cooperative is to ensure that all members are in compliance with City Code, which consists of receiving compliant services at the proper frequency and assuring that the grease infrastructure is in good condition and functioning as designed. While going through the Public Works Strategic Planning Initiative, it was determined that since compliance of TGC members is a joint effort between two separate workgroups, the best way to measure TGC compliance was through the generation of a Compliance Report from the Tempe Grease Cooperative workgroup to the Environmental Compliance workgroup on a quarterly basis. While reports will be quarterly going forward, the first report evaluates the entire 2017-2018 fiscal year for the purpose of establishing a baseline to refer to going forward.

Adequate service frequency

Of all TGC members throughout the fiscal year, only 10 members were not serviced at adequate frequencies to meet compliance standards. Two members were intentionally put on hold for pumping

services due to repair issues, and are thereby excluded from this total. Therefore, 97% of members were serviced at the appropriate frequency and therefore are in compliance.

Of the remaining 8 members, one was suspended from receiving service due to non-payment. When this happens, the member is told they must get service outside of the TGC at the proper frequency and provide the manifests to an Environmental Compliance Inspector in order to stay in compliance. This member did not do that follow this protocol. Going forward, this will be addressed in the future by developing and implementing a specific SOP in FY 18-19 for these situations.

Two members had a high proportion (5 of 11 services) of unserviceable visits. This is where the pumper is on site to perform service per the agreed upon schedule, but the member was not present to receive service. This was addressed during FY 17-18 by: 1) increasing the amount of communication with these specific members; and 2) increasing the cost of an unserviceable visit during the last pricing increase in December 2017.

The 5 remaining instances of the unintentional, inadequate service frequencies were a direct result of some communication error. Two were due to TGC error (schedule fell through the cracks); 2 were due to member error (nonresponsive); and 1 was due to the combined error of the TGC, the member, and the vendor (miscommunication). The software will help address communication errors which in turn should improve this KPI. These results reflect moderate, but overall positive progress towards KPI 3, with room for improvement.

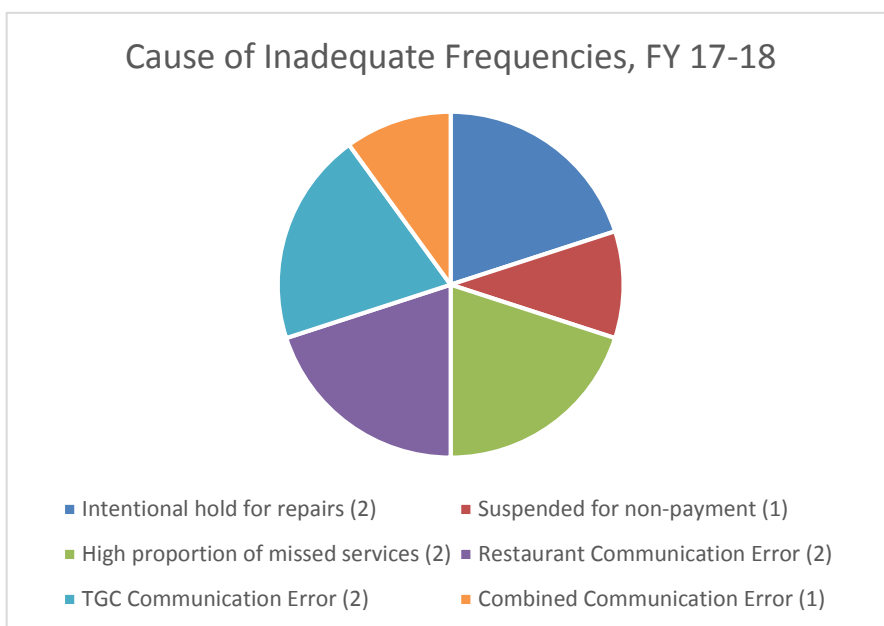


Figure 3: The various reasons that TGC members were not serviced at the appropriate frequency. Note, communication errors, the collective highest cause, are to be addressed with the software solution.

Infrastructure Issues

Overall, there were 80 members that had at least one infrastructure issue in FY 17-18. Two categories (3 & 7) are noted solely for informational purposes and do not require compliance review or action. Excluding members that had an issue that fell into one of those two categories, there were 64 members that had at least one issue throughout FY 17-18. 34 of these issues were fully addressed in the fiscal year, and another 4 are in progress – giving an overall resolution rate of 59.38%. This Compliance Report will provide a platform to evaluate infrastructure issues, the city's response to these issues, and allow for the TGC and Compliance workgroups to identify and develop strategies with how to best handle them going forward.

The Infrastructure Assistance Program (see Strategic Initiative 3 below) divided these into common issue categories for clearer resolution, and that is how they are displayed in the table below.

Table 1: Infrastructure issues and response

Category	Number of Issues Identified	Number of Members Notified	Notification Percentage	Number of Issues Addressed	Resolution Percentage
1 – Missing or corroded baffles; holes in floor or baffles	31	26	83.87%	12 fully ¹ ; 4 in progress	51.61%
2 – Baffle is stuck or stationary	22	21	95.45%	14	63.64%
3 – Cover gasket is missing or damaged; no plug ²	22	N/A	N/A	N/A	N/A
4 – Line or device is clogged; overfull	11	11	100%	8	72.73%
5 – Low liquid level	4	4	100%	3 fully; 1 in progress	100%
6 – Baffle on the floor	1	1	100%	1	100%
7 – Debris on the floor ³	6	4	66.67%	2	33.33%
Uncommon issues	7	7	100%	3	42%

1 – 4 of these 12 were grease trap replacements that did not pull a permit as was required

2 – Issues in this category do not require action and are collected solely for informational purposes

3 – Members are only notified if it is determined that the debris may be impeding the functionality of the device. There were only 2 instances where this was the case; 100% of which were addressed

Regarding the first notation, while 12 of the Category 1 issues were considered to have been fully addressed, 4 of these were resolved without applying for the required building permit. This will be addressed in FY 18-19 through the creation and implementation of an SOP.

Strategic Plan Progress

FY 17-18 also involved significant program development, with progress focused specifically on the Strategic Direction and Initiatives that were outlined in the Strategic Plan. In addition to meeting the goals of the strategic plan, progress towards the four initiatives and the overall direction also reflect positive progress towards KPI 5.

Strategic Initiative 1: Cost-Benefit Analysis

The Cost-Benefit Analysis (CBA) for the Tempe Grease Cooperative was completed in FY 17-18 by a TGC intern. Early in the process, it was determined that the focus would be to build a simple, flexible, and adaptable worksheet that focuses on Tempe alone, but can easily be updated as numbers change, as the program regionalizes, and/or as codigestion opportunities arise. Based on the best existing literature and collectable data, the value of the TGC, including all existing, identifiable, and measurable costs and benefits, is positive \$216,793.22.

Strategic Initiative 2: Administrative Software

The contract for a combined Tempe Grease Cooperative and Environmental Compliance software solution was signed in December 2017. Phase 1 of the project was completed in six months, and Phase 2 will begin in July 2018. The software is the expected to be completed by December 2018, and full

deployment of the solution will begin afterwards if it is determined that the software meets the city's needs.

Strategic Initiative 3: Infrastructure Assistance Program

The Infrastructure Assistance Program (IAP) was developed by a former TGC Intern and Master's Student. The IAP involves five components to manage the issue of degrading grease infrastructure while remaining cognizant of the three core components of the TGC: restaurant equity and advocacy, infrastructure compliance and resource recovery. The five intervention points are:

Vendor Registry: A list of non-contractual grease-related services and vendors selected by and exclusively for the TGC as a resource for members to address issues outside the normal pumping and cleaning

Grease Trap Assistance Program: A revolving fund to help credit-worthy businesses spread the cost of grease trap upgrades over one or two years by offering zero-percent interest loans at the same rate that previous loans are paid back

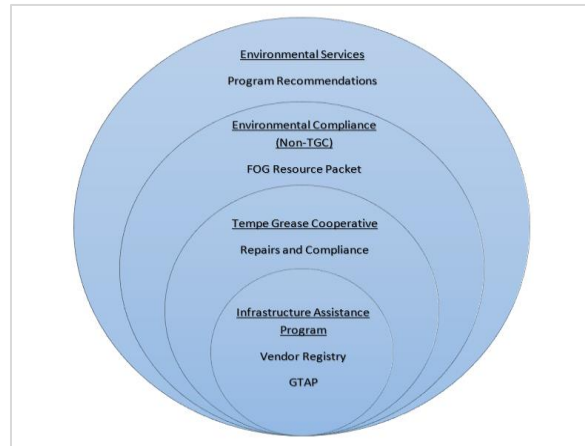


Figure 4: The Infrastructure Assistance Program

TGC Repairs and Compliance Workflow: A new internal process that encompasses monitoring device condition, coordinating repair vendors, communicating infrastructure needs to restaurants, and providing compliance assurance

FOG Resource Packet: A document utilizing educational strategies to outline the infrastructure replacement process for restaurants and to educate owners on FOG best management practices

Program Recommendations: A memorandum to managerial staff to provide two additional intervention points for future consideration: incentivizing non-corrosive trap materials and/or high-performance devices through the GTAP program, and automatically enroll new-build restaurants into the TGC, with the option to opt-out

The goal of FY 17-18 was to develop the IAP; the goal of FY 18-19 will focus on implementing these various intervention points into the day to day operations of the Tempe Grease Cooperative and its supporting staff and workgroups.

Strategic Initiative 4: Commercial Food Scrap Recovery

Throughout FY 17-18, the Tempe Grease Cooperative worked closely with Tempe's Solid Waste Division to develop a pilot commercial food scrap collection and recovery program using existing TGC partnerships. The majority of the logistical, training, marketing, and recruitment strategies were designed. FY 18-19 will focus on the operational factors that have yet to be determined, and will begin piloting the program through participant recruitment and data collection.

Strategic Direction: Regionalization

Throughout FY 17-18, Tempe Grease Cooperative staff put significant effort into exploring the metro-Phoenix area's interest in regionalizing the Cooperative model throughout the Valley. Of specific note was the TGC's leadership in applying for and receiving a scholarship from the Water Environment Research Foundation's LIFT SEE IT program. Nine representatives from the cities of Tempe, Phoenix, and Mesa traveled to California to view various technologies and swap information related to the collection of FOG and food waste, specifically through the use of a cooperative model, and the codigestion of these organic materials for energy generation. It was clear to all participants from the Phoenix region that the culture of the participating cities is of the utmost importance when promoting these practices and feasibly adapting them.

In parallel with the LIFT SEE IT trip, the Tempe Grease Cooperative has been working closely with the City of Mesa as they prepare to undergo a research study with Arizona State University's Biodesign Swette Center for Environmental Biotechnology to evaluate the potential impacts of adding food scraps and FOG waste to the anaerobic-digester systems at the Northwest and Greenfield treatment facilities. The Tempe Grease Cooperative will provide key information regarding FOG collection strategies and the FOG samples to be studied. This research will begin in FY 18-19.

FY 18-19 Goals

The results from FY 17-18 establish a baseline from which the Tempe Grease Cooperative can continue to grow in the right direction to best serve its members, the community and the residents of the City of Tempe.

The Strategic Plan set two goals to be accomplished by the end of 2023; setting yearly targets will assure that these five-year goals will be met. Given current circumstance, and aligning with the TGC's various goals, specific targets for FY 18-19 are as follows:

1. Recruit 40 new members in FY 18-19
2. 35 inspections of non-TGC members per month
3. Partner with City of Mesa in research efforts and explore partnerships with Mesa for FOG reuse

TGC staff has set additional target to address some of the weaker points in the program that were identified through this report.

In regard to delinquent and overdue accounts:

4. Reduce the total amount of members that are late or overdue in payments to less than 15% of total membership
5. Reduce the total amount owed to less than 5% of total spending
6. Create an effective SOP for managing delinquent accounts

In regard to compliance:

7. Create an effective SOP for managing TGC members that are suspended from service due to non-payment
8. Have an overall resolution rate of 85% or higher, with specific attention paid to those in Issue Categories 1, 2, and 4
9. Have a notification percentage for Category 1 issues of 90% or higher
10. Create an effective SOP for resolving Category 1 issues that ensures the member applies for the appropriate building permit, if needed

In regard to the initiatives outlined in the Strategic Plan:

11. Complete the development and full implementation of the TGC and FOG compliance software
12. Recruit vendors to participate in the Vendor Registry
13. Build the Vendor Registry website
14. Contract with a financial institution for the Grease Trap Assistance Program
15. Collaborate with Solid Waste to pilot the Food Scrap Recovery Program

Conclusion

The 2017-2018 marks another successful year for the Tempe Grease Cooperative. To keep this momentum as the program grows, the biggest obstacle that the TGC must overcome is adequate access to resources to manage the program and its various components. Most importantly and urgently, the TGC needs to secure a second, full-time, permanent staff person to work on the program. It is also important that the TGC be given the flexibility to grow and adapt as the program reaches its full potential.

With this in mind and the baseline data collected in this report, the TGC is on track for meeting its 5-Year goals and the KPIs.

CITY OF TEMPE

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2018 – December 31, 2018 – Total Pretreatment Expenditures	*\$2,017,642
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PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2018</u>	<u>FTEs 2017</u>
Deputy Director Public Works – 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	\$1,336,933
Equipment Operation & Maintenance	\$204,798
Laboratory	\$220,443
Pollution Prevention	**\$255,468

*Based on Fiscal Year 17/18 and 18/19 Budget Reports

**Estimated Value + Tempe Grease Cooperative Expenses

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2018</u>	<u>Total 2018</u>
ISCO Wastewater Sampler	15	34
ISCO Area Velocity Meters	5	10
ISCO Flow Meter Modules (pH/ultra-sonic)	0	10
ISCO Laser Flow Meters	0	5
Vehicles	1	13
Gas Detectors	1	6
Computers (desktop/laptop)	2	16

CITY OF TEMPE
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018

	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.	Advanced Circuits 229 South Clark Street Tempe AZ 85281	COP 91 st Ave	3672	433.17
3.	Advotech 632 West 24th Street Tempe AZ 85282	COP 91 st Ave	3674	469.18
4.	Albertsons/Safeway Inc. 1115 West Alameda Drive Tempe AZ 85282	COP 91 st Ave	2026	LOCAL LIMITS
5.	APS 1500 East University Drive Tempe AZ 85281	COP 91 st Ave	4911	423.16
6.	Arizona Finishing 2400 South Roosevelt Tempe, AZ 85282	COP 91 st Ave	3479	433.17
7.	Arizona Production & Packaging 7303 South Kyrene Road Tempe AZ 85283	COP 91 st Ave	2086	LOCAL LIMITS
8.	Arizona State University 1551 South Rural Road Tempe AZ 85281	COP 91 st Ave	8221	LOCAL LIMITS
9.	Arizona State University Macro Technology Works 7700 South River Parkway Tempe AZ 85284	COP 91 st Ave	3679	LOCAL LIMITS
10.	Coxreels, Inc 5865 South Ash Avenue Tempe AZ 85283	COP 91 st Ave	3499	433.17
11.	Foresight Finishing LLC 236 West Lodge Drive Tempe AZ 85283	COP 91 st Ave	3471	433.17
12.	Gorilla Industrial Coatings LLC 2605 South Industrial Park Avenue Tempe AZ 85282	COP 91 st Ave	3479	433.17
13.	Group Manufacturing 815 W Geneva Drive Tempe AZ 85282	COP 91 st Ave	3444	433.17
14.	Honeywell International, Inc. 1300 W Warner Road Tempe AZ 85284	COP 91 st Ave	3471	433.17
15.	HSIO Circuit Technologies LLC 610 South Rockford Drive Tempe AZ 85281	COP 91 st Ave	3672	433.17
16.	L-3 Communications Corporation ETO 1215 South 52nd Street Tempe AZ 85281	COP 91 st Ave	3672	433.15
17.	Lawrence Semiconductor Research Laboratory Inc 2300 West Huntington Drive Tempe AZ 85282	COP 91 st Ave	3674	469.18

CITY OF TEMPE
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
18.	Medtronic Microelectronics Center 2343 West Medtronic Way Tempe AZ 85281	COP 91 st Ave	3674	433.17/ 469.18
19.	Microchip Technology Inc. 1200 South 52nd Street Tempe AZ 85281	COP 91 st Ave	3674	469.18
20.	Photo Design Of Arizona 3105 South Potter Drive Tempe AZ 85282	COP 91 st Ave	3479	433.17
21.	Precision Die & Stamping 1704 West 10th Street Tempe AZ 85281	COP 91 st Ave	3469	433.17
22.	Precision Powdercoat 1616 South Edward Tempe AZ 85281	COP 91 st Ave	3479	433.17
23.	Schreiber Foods Inc. 2122 South Hardy Drive Tempe AZ 85282	COP 91 st Ave	2022	LOCAL LIMITS
24.	Solar Junction Corporation 2507 West Geneva Drive Tempe AZ 85282	COP 91 st Ave	3471	469.18
25.	Southwest Metal Finishing Inc. 2002 West Campus Tempe AZ 85282	COP 91 st Ave	3471	433.17
26.	SRP K7GS 7005 South Kyrene Road Tempe AZ 85283	COP 91 st Ave	4911	423.16
27.	Sun Orchard, Inc 1198 West Fairmont Drive Tempe AZ 85282	COP 91 st Ave	2033	LOCAL LIMITS
28.	Swire Coca-Cola, USA - Tempe Production Center1850 West Elliot Road Tempe, AZ 85284	COP 91 st Ave	2086	LOCAL LIMITS
29.	Trion Technology Inc 1025 South 52nd Street Tempe AZ 85281	COP 91 st Ave	3674	469.18
30.	United Dairymen Of Arizona 2008 South Hardy Drive Tempe AZ 85282	COP 91 st Ave	2023	LOCAL LIMITS

CITY OF TEMPE

PRETREATMENT PERFORMANCE SUMMARY ADDITIONS, DELETIONS AND CHANGES TO THE SIU LIST

ADDITIONS

The following Significant Industrial Users have commenced operations in 2018:

Solar Junction Corporation
2507 West Geneva Drive
Tempe, AZ 85282

DELETIONS

The following Significant Industrial Users have ceased operations in 2018:

None

.

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2018:

None

NAME CHANGES

The following Significant Industrial Users changed their names in 2018:

None

IS NOW

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, 2018			Categorical IUs: 22		Significant Non-Categorical IUs: 8			
II. Significant Industrial User Compliance								
	Categorical		Non-categorical		Total SIUs			
	No.	%	No.	%	No.	%		
1.	No. of SIUs in Full Compliance		20	90.91	5	62.50	25	83.33
2.	No. of SIUs in Inconsistent Compliance		2	9.09	3	37.50	5	16.67
3.	No. of SIUs in Significant Noncompliance		1	4.55	0	0.00	1	3.33
4.	No. of Parameter Violations		25		6		31	
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			
	No.	%	No.	%	No.	%		
1.	No. of Control Documents Issued		5		4		9	
2.	No. of Non-sampling Inspections Conducted		26		9		35	
3.	No. of Facilities Inspected (Non-sampling)		22		8		30	
4.	No. of Sampling Visits Conducted		340		410		750	
5.	No. of Facilities Sampled		21		8		29	
IV. Enforcement Actions								
	Categorical		Non-categorical		Total SIUs			
	No.	%	No.	%	No.	%		
1.	Notices of Violations Issued to SIUs		3		4		7	
2.	Temporary Increase in IU Self-Monitoring		1		0		1	
3.	Administrative Orders Issued to SIUs		3		4		7	
4.	Compliance Schedules Issued		0		0		0	
5.	Settlement Agreements		1		0		1	
6.	Other Actions		1		3		4	
7.	Amount of Penalties Collected (Total Dollars / IUs Assessed)		\$56,875.00 (Accessed, but not collected per PSA)		\$ 7,500.00		\$64,375.00 (\$7,500.00 Collected)	

CITY OF TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

423

NAME: Acme Aerospace Inc.			REPORT PERIOD: 01/01/2018 through 12/31/2018	
SERVICE ADDRESS: 528 West 21 Street Tempe, AZ 85282		MAILING ADDRESS: 528 West 21st Street Tempe, AZ 85282		
CATEGORICAL USER? Yes	40 CFR Yes	LIMITS APPENDIX: T-J	BMR SUBMITTED: 12/31/1989	
TTO CERTIFICATION DATE SUBMITTED: 8/8/2018		PERMIT EFFECTIVE: 11/25/2015	PERMIT EXPIRES: 11/24/2019	
SAMPLING LOCATION VERIFIED ON: 10/30/2018		RCRA NOTICE: 5/3/1993		
SLUG CONTROL PLAN EVALUATION DATE: 2/20/2018		COMPLIANCE SAMPLING POINT №: 5001		
	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	0
Number of IU Sampling Days	5	21	16	20
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:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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: Acme Aerospace Inc.

Process Flow: 0.000376 MGD

General Information and type of wastewater treatment	<p>Acme is a NiCad battery manufacturer. NiCad battery manufacturing is regulated under mass based standards as outlined in 40 CFR 461-A. 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	

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**

425

NAME: Advanced Circuits		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 229 South Clark Drive Tempe, AZ 85281		MAILING ADDRESS: 229 South Clark Street Tempe, AZ 85281		
CATEGORICAL USER? Yes	40 CFR Yes	LIMITS APPENDIX: T-E	BMR SUBMITTED: 10/31/1987	
TTO CERTIFICATION DATE SUBMITTED: 8/8/2018		PERMIT EFFECTIVE: 12/15/2014	PERMIT EXPIRES: 6/14/2019	
SAMPLING LOCATION VERIFIED ON: 10/30/2018		RCRA NOTICE: 4/21/1993		
SLUG CONTROL PLAN EVALUATION DATE: 1/28/2015		COMPLIANCE SAMPLING POINT №: 5010		
	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	22	12	6	6
Number of IU Sampling Days	29	45	53	52
Number of Parameter Violations	24	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:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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	Local Limit	01/24/2018	Composite	City	City	Copper	1.90/1.5 mg/l	22
1 st	Local Limit	01/25/2018	Composite	City	City	Copper	1.93/1.5 mg/l	22
1 st	Local Limit	01/30/2018	Composite	City	City	Copper	114/1.5 mg/l	22
1 st	Local Limit	02/01/2018	Composite	City	City	Copper	45.4/1.5 mg/l	22
1 st	Local Limit	02/28/2018	Composite	City	City	Copper	206/1.5 mg/l	22
1 st	Local Limit	03/20/2018	Composite	City	City	Copper	3.16/1.5 mg/l	22
1 st	Local Limit	03/21/2018	Composite	City	City	Copper	19.8/1.5 mg/l	22
1 st	Local Limit	03/22/2018	Composite	City	City	Copper	13.5/1.5 mg/l	22
1 st	Local Limit	03/23/2018	Composite	City	City	Copper	39.4/1.5 mg/l	22
1 st	Local Limit	03/27/2018	Composite	City	City	Copper	1.80/1.5 mg/l	22
1 st	Local Limit	03/28/2018	Composite	City	City	Copper	3.52/1.5 mg/l	22
1 st	Local Limit	03/29/2018	Composite	City	City	Copper	4.65/1.5 mg/l	22
1 st	Daily Cat.	01/30/2018	Composite	Federal	City	Copper	114/3.38 mg/l	22
1 st	Daily Cat.	02/01/2018	Composite	Federal	City	Copper	45.4/3.38mg/l	22
1 st	Daily Cat.	02/28/2018	Composite	Federal	City	Copper	206/3.38 mg/l	22
1 st	Daily Cat.	03/20/2018	Composite	Federal	City	Copper	3.46/3.38mg/l	22
1 st	Daily Cat.	03/21/2018	Composite	Federal	City	Copper	19.8/3.38mg/l	22
1 st	Daily Cat.	03/22/2018	Composite	Federal	City	Copper	13.5/3.38mg/l	22
1 st	Daily Cat.	03/23/2018	Composite	Federal	City	Copper	39.4/3.38mg/l	22
1 st	Daily Cat.	03/28/2019	Composite	Federal	City	Copper	3.52/3.38mg/l	22
1 st	Daily Cat.	03/29/2018	Composite	Federal	City	Copper	4.65/3.38mg/l	22
1 st	Monthly Cat.	01/2018	Composite	Federal	City	Copper	24.0/2.07mg/l	22
1 st	Monthly Cat.	02/2018	Composite	Federal	City	Copper	50.8/2.07mg/l	22
1 st	Monthly Cat.	03/2018	Composite	Federal	City	Copper	12.3/2.07mg/l	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	A,B,F	N	E		

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

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>Advanced Circuits had copper local limit, daily categorical, and monthly categorical violations in January, February, and March 2018. An NOV, AO, and fine will be issued in the second quarter of 2018. Advanced Circuits is in SNC for the period of October 2017 through March 2018 and will be published in 2019.</p>
Second Quarter	<p>On April 24 and 25, 2018, Advanced Circuits was issued two NOV's, AO's, and fines for violations that occurred in the first quarter of 2018.</p>
Third Quarter	
Fourth Quarter	<p>On October 30, 2018 Advanced Circuits signed a PSA with the City of Tempe for violations that occurred in the first quarter of 2018, and was also determined to be in TRC, Significant Non-Compliance for the 1st Pretreatment Quarter of 2018.</p>

To be published for this year in newspaper for Significant Non-Compliance? Yes No
 Penalties this reporting Year: Assessed \$ 56,875.00 Collected \$ 0.00

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Advotech

Process Flow: 0.001065 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	
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 TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: APS				REPORT PERIOD: 01/01/2018 through 12/31/2018				
SERVICE ADDRESS: 1500 East University Drive Tempe, AZ 85281				MAILING ADDRESS: P.O. Box 53933 STA 4118 Phoenix, AZ 85072-3933				
CATEGORICAL USER? Yes		40 CFR Yes		LIMITS APPENDIX: T-K		BMR SUBMITTED: 12/1/1985		
TTO CERTIFICATION DATE SUBMITTED: 8/9/2018				PERMIT EFFECTIVE: 1/6/2018		PERMIT EXPIRES: 1/5/2022		
SAMPLING LOCATION VERIFIED ON: 10/30/2018				RCRA NOTICE: 7/8/1995				
SLUG CONTROL PLAN EVALUATION DATE: 8/14/2018				COMPLIANCE SAMPLING POINT №: 5000				
	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	6		3		0		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		0		0	
Compliance Status	C		C		C		C	
Evaluated as of:	03/31/2018		06/30/2018		9/30/2018		12/31/2018	

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

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> A - Notice of Violation (NOV) B - Administrative Order (AO) C - Civil Action Filed D - Criminal Action Filed E - Pretreatment Settlement Agreement (PSA) | <ul style="list-style-type: none"> F - Assessment of Monetary Penalties G - Restriction of Flow H - Permit Revocation I - Compliance Schedule Issued J - Disconnection from Sewer | <ul style="list-style-type: none"> K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year L - Temporary Increase in IU Self-Monitoring (TISM) N- No Enforcement Action |
|--|--|--|

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: APS

Process Flow: 0.12575 MGD

General Information and type of wastewater treatment	<p>This facility consists of two 115-megawatt oil/natural gas fired steam turbine electric generators; regulated as 40 CFR 423 (Steam Generating Station). 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>The City of Tempe issued APS a new Industrial Discharge Permit on January 6, 2018.</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: Arizona Finishing

Process Flow: MGD

General Information and type of wastewater treatment	Arizona Finishing conducts powder coating and painting of metal and plastic parts and is regulated under 40 CFR 433.17. Pretreatment is pH neutralization and continuous pH monitoring of the effluent 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 TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

433

NAME: Arizona Production & Packaging		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 7303 South Kyrene Road Tempe, AZ 85283		MAILING ADDRESS: 7303 South Kyrene Road Tempe, AZ 85283		
CATEGORICAL USER? No	40 CFR No	LIMITS APPENDIX: T-A	BMR SUBMITTED: 3/10/2004	
TTO CERTIFICATION DATE SUBMITTED: 7/25/2018		PERMIT EFFECTIVE: 7/1/2014	PERMIT EXPIRES: 3/31/2019	
SAMPLING LOCATION VERIFIED ON: 10/31/2018		RCRA NOTICE: 11/16/2004		
SLUG CONTROL PLAN EVALUATION DATE: 3/6/2018		COMPLIANCE SAMPLING POINT №: 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	0	0	1
Number of City Sampling Days	3	2	3	10
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	I	C	C	C
Evaluated as of:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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	02/2018	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			N	A,B	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: Arizona Production & Packaging

Process Flow: 0.157242 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 a violation of the pH limit on February 7, 2018. An Notice of Vilation/Administrative Order, ("NOV/AO") will be issued in the 2nd quarter of 2018.</p>
Second Quarter	<p>Arizona Production & Packaging was issued a NOV/AO for a pH excursion which occurred in the 1st quarter of 2018.</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 TEMPE SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Arizona State University		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 1551 South Rural Rd Tempe, AZ 85281-6810		MAILING ADDRESS: EH&S Department P.O. Box 876412 Tempe, AZ 85287-6412		
CATEGORICAL USER? No	40 CFR No	LIMITS APPENDIX: T-A	BMR SUBMITTED: 5/31/1986	
TTO CERTIFICATION DATE SUBMITTED: 9/6/2018		PERMIT EFFECTIVE: 1/15/2017	PERMIT EXPIRES: 1/14/2021	
SAMPLING LOCATION VERIFIED ON: 11/11/2018		RCRA NOTICE: 4/29/1993		
SLUG CONTROL PLAN EVALUATION DATE: 3/1/2018		COMPLIANCE SAMPLING POINT No: 5004		
	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	63	63	63	63
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:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> A - Notice of Violation (NOV) B - Administrative Order (AO) C - Civil Action Filed D - Criminal Action Filed E - Pretreatment Settlement Agreement (PSA) | <ul style="list-style-type: none"> F - Assessment of Monetary Penalties G - Restriction of Flow H - Permit Revocation I - Compliance Schedule Issued J - Disconnection from Sewer | <ul style="list-style-type: none"> K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year L - Temporary Increase in IU Self-Monitoring (TISM) N- No Enforcement Action |
|--|--|--|

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	

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

437

NAME: Arizona State University Macro Technology Works		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 7700 South River Parkway Tempe, AZ 85284		MAILING ADDRESS: EH&S Department PO Box 876412 Tempe, AZ 85287-6412		
CATEGORICAL USER? No	40 CFR No	LIMITS APPENDIX: T-A	BMR SUBMITTED: 10/28/1996	
TTO CERTIFICATION DATE SUBMITTED: 9/6/2018		PERMIT EFFECTIVE: 5/15/2017	PERMIT EXPIRES: 5/14/2021	
SAMPLING LOCATION VERIFIED ON: 11/15/2018		RCRA NOTICE: 3/4/1997		
SLUG CONTROL PLAN EVALUATION DATE: 1/4/2018		COMPLIANCE SAMPLING POINT №: 5056		
	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	3	0	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	0	0
Compliance Status	C	C	C	C
Evaluated as of:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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: 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	

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 Inc. has a phosphating operation prior to powder coating sheet metal and is regulated under 40 CFR 433-Metal Finishing (PSNS). 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	

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**

441

NAME: Foresight Finishing LLC (Lodge Dr)		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 236 West Lodge Drive Tempe, AZ 85283		MAILING ADDRESS: 236 West Lodge Drive Tempe, AZ 85283		
CATEGORICAL USER? YES	40 CFR YES	LIMITS APPENDIX: T-E	BMR SUBMITTED: 8/8/2017	
TTO CERTIFICATION DATE SUBMITTED: 8/20/2018		PERMIT EFFECTIVE: 7/1/2017	PERMIT EXPIRES: 6/30/2021	
SAMPLING LOCATION VERIFIED ON: 12/6/2018		RCRA NOTICE: Sent to User 1/29/2018		
SLUG CONTROL PLAN EVALUATION DATE:		COMPLIANCE SAMPLING POINT №: 5111		
	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	6	6	0	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	0	0
Compliance Status	C	C	C	C
Evaluated as of:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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: Foresight Finishing LLC (Lodge Dr)

Process Flow: 0.006846 MGD

General Information and type of wastewater treatment	Foresight Finishing is a precious metals plating facility. Pretreatment consists of ion exchange filtration and pH adjustment.
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 TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

443

NAME: Gorilla Industrial Coatings LLC		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 2605 South Industrial Park Avenue Tempe, AZ 85282		MAILING ADDRESS: 2605 South Industrial Park Avenue Tempe, AZ 85282		
CATEGORICAL USER? Yes	40 CFR Yes	LIMITS APPENDIX: T-E	BMR SUBMITTED: 10/21/2002	
TTO CERTIFICATION DATE SUBMITTED: 9/17/2018		PERMIT EFFECTIVE: 5/5/2018	PERMIT EXPIRES: 5/4/2022	
SAMPLING LOCATION VERIFIED ON: 12/5/2018		RCRA NOTICE: 6/20/2003		
SLUG CONTROL PLAN EVALUATION DATE: 1/29/2019		COMPLIANCE SAMPLING POINT №: 5096		
	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	6	6	0	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	0	0
Compliance Status	C	C	C	C
Evaluated as of:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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 31)	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: Gorilla Industrial Coatings LLC

Process Flow: 0.003 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	<p>The City issued Gorilla Industrial Coatings a new Industrial Discharge Permit on May 5, 2018.</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: 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 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: 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	
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: HSIO Circuit Technologies LLC

Process Flow: 0.051688 MGD

General Information and type of wastewater treatment	<p>HEI 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.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>HSIO was bought by a new company BenchmarkTechnologies and moved to Phoenix Az. The Final Closure Report will be done in the first 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**

451

NAME: L-3 Communications Corporation ETO		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 1215 South 52nd Street Tempe, AZ 85281		MAILING ADDRESS: 1215 South 52nd Street Tempe, AZ 85281		
CATEGORICAL USER? Yes	40 CFR Yes	LIMITS APPENDIX: T-E	BMR SUBMITTED: 7/3/1984	
TTO CERTIFICATION DATE SUBMITTED: 8/30/2018		PERMIT EFFECTIVE: 8/1/2015	PERMIT EXPIRES: 7/31/2019	
SAMPLING LOCATION VERIFIED ON: 12/5/2018		RCRA NOTICE: 12/18/1998		
SLUG CONTROL PLAN EVALUATION DATE: 8/21/2015		COMPLIANCE SAMPLING POINT №: 5023		
	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	6	6	4	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:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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	Instantaneous	08/2018	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			N	N	N	A,B		

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: L-3 Communications Corporation ETO

Process Flow: 0.0635 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	
Second Quarter	
Third Quarter	<p>L-3 Communications Corporation ETO violated the local limit for pH in the month of August 2018 and will be issued an NOV and AO in the 4th quarter of 2018.</p>
Fourth Quarter	<p>On 10/1/2018 L-3 Communications Corporation ETO was issued an NOV and AO for pH violations that occurred in the 3rd quarter of 2018.</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: Lawrence Semiconductor Research Laboratory Inc		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 2300 West Huntington Drive Tempe, AZ 85282		MAILING ADDRESS: 2300 West Huntington Drive Tempe, AZ 85282		
CATEGORICAL USER? Yes	40 CFR Yes	LIMITS APPENDIX: T-F	BMR SUBMITTED: 9/15/1992	
TTO CERTIFICATION DATE SUBMITTED: 7/26/2018		PERMIT EFFECTIVE: 9/25/2018	PERMIT EXPIRES: 9/24/2022	
SAMPLING LOCATION VERIFIED ON: 8/23/2018		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	6	6
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:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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: 0.0293 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	
<p>The City issued Lawrence Semi-Conductor Research a new Industrial Discharge Permit on September 25, 2018.</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 TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

455

NAME: Medtronic Microelectronics Center				REPORT PERIOD: 01/01/2018 through 12/31/2018				
SERVICE ADDRESS: 2343 West Medtronic Way Tempe, AZ 85281				MAILING ADDRESS: 2343 West Medtronic Way Tempe, AZ 85281				
CATEGORICAL USER? Yes	40 CFR Yes	LIMITS APPENDIX: T-E T-F		BMR SUBMITTED: 4/28/1989				
TTO CERTIFICATION DATE SUBMITTED: 9/6/2018				PERMIT EFFECTIVE: 2/15/2015		PERMIT EXPIRES: 2/14/2019		
SAMPLING LOCATION VERIFIED ON: 9/14/2018				RCRA NOTICE: 4/22/1993				
SLUG CONTROL PLAN EVALUATION DATE: 1/12/2016				COMPLIANCE SAMPLING POINT №: 5025				
	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	9		9		0		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		0		0	
Compliance Status	C		C		C		C	
Evaluated as of:	03/31/2018		06/30/2018		9/30/2018		12/31/2018	

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: Medtronic Microelectronics Center

Process Flow: 0.0744 MGD

General Information and type of wastewater treatment	<p>Medtronic Microelectronics Center performs precious metal electroplating regulated under 40 CFR 433.17.</p> <p>The pretreatment process includes metal precipitation, filtration, and continuous pH neutralization. Internal self-monitoring is performed 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 X No

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

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

457

NAME: Microchip Technology Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 1200 South 52nd Street Tempe, AZ 85281		MAILING ADDRESS: 1200 South 52nd Street Tempe, AZ 85281		
CATEGORICAL USER? Yes	40 CFR Yes	LIMITS APPENDIX: T-F	BMR SUBMITTED: 3/28/1994	
TTO CERTIFICATION DATE SUBMITTED: 8/13/2018		PERMIT EFFECTIVE: 9/15/2017	PERMIT EXPIRES: 9/14/2021	
SAMPLING LOCATION VERIFIED ON: 10/31/2018		RCRA NOTICE: 3/28/1994		
SLUG CONTROL PLAN EVALUATION DATE: 2/3/2016		COMPLIANCE SAMPLING POINT №: 5029		
	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	6	6	0	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	0	0
Compliance Status	C	C	C	C
Evaluated as of:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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: Microchip Technology Inc.

Process Flow: 0.563261 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	
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: 0.000882 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	

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: 0.0007 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	

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: 0.00288 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	

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: Safeway Inc.

Process Flow: 0.09607 MGD

General Information and type of wastewater treatment	<p>Safeway, 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	See 4th quarter narrative.
Second Quarter	See 4th quarter narrative.
Third Quarter	See 4th quarter narrative.
Fourth Quarter	<p>Safeway had reported piecemeal pH excursions throughout 2018 that were not believed to be true pH violations based on alternate probe readings, grab samples collected, the closing down of the distribution center, unknown rag accumulation, and process investigation. The property was sold to a property management group that intends to lease a portion of the land to Safeway Milk Plant, and also pursue additional industrial customers. In the 1st quarter of 2019, an Industrial Discharge Permit will be issued to the new property owner, who has committed to a full inspection and upgrade of the internal sewer plumbing to address any mitigating factors, and accumulation in the unused sewerlines. The City is going to enter into a Pretreatment Settlement Agreement with Safeway to address the situation whole in the 1st 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**

467

NAME: Schreiber Foods Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 2122 South Hardy Drive Tempe, AZ 85282		MAILING ADDRESS: 2122 South Hardy Drive Tempe, AZ 85282		
CATEGORICAL USER? No	40 CFR No	LIMITS APPENDIX: T-A	BMR SUBMITTED: 3/30/1985	
TTO CERTIFICATION DATE SUBMITTED: 8/20/2018		PERMIT EFFECTIVE: 1/15/2015	PERMIT EXPIRES: 5/31/2019	
SAMPLING LOCATION VERIFIED ON: 12/3/2018		RCRA NOTICE: 6/23/1993		
SLUG CONTROL PLAN EVALUATION DATE: 11/5/2015		COMPLIANCE SAMPLING POINT №: 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	11	12	17
Number of IU Sampling Days	90	90	92	92
Number of Parameter Violations	0	1	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	I	C	I
Evaluated as of:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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
2nd	Instantaneous	05/04/2018	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
4th	Instantaneous	11/2018	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
4th	Instantaneous	12/2018	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			N	A,B	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: 0.196859 MGD

General Information and type of wastewater treatment	<p>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.</p> <p>pH is adjusted by a Carbon Dioxide (CO2) injection system into a 6000-gal. mixing vault prior to discharging to the sewer.</p>
First Quarter	<p>As a result of several spot power outages, previously reported, and reviewed, pH violations from October 2017 it was determined that no violation occurred. A Notice of Violation was not issued in the first quarter of 2018 as report report it would be in 2017.</p>
Second Quarter	<p>Schreiber Foods violated pH limits on May 4, 2018. A Notice of Violation will be issued in the third quarter of 2018.</p>
Third Quarter	<p>A notice of violation was issued in the 3rd quarter a pH violation violation reported in May of 2018.</p>
Fourth Quarter	<p>Schreiber Foods violated pH limits during November, and December of 2018. A Notice of Violation will be issued in the first 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: Solar Junction Corp

Process Flow: MGD

General Information and type of wastewater treatment	
First Quarter	
Second Quarter	<p>The City issued an Industrial User Permit to Solar Junction on May 5, /2018 as a Categorical Industrial User regulated under 40 CFR 469.18.</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 TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

471

NAME: Southwest Metal Finishing Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 2002 West Campus Drive Tempe, AZ 85282		MAILING ADDRESS: 2002 West Campus Tempe, AZ 85282		
CATEGORICAL USER? Yes	40 CFR Yes	LIMITS APPENDIX: T-E	BMR SUBMITTED: 10/15/1998	
TTO CERTIFICATION DATE SUBMITTED: 08/08/2018		PERMIT EFFECTIVE: 5/25/2015	PERMIT EXPIRES: 5/24/2019	
SAMPLING LOCATION VERIFIED ON: 12/6/2018		RCRA NOTICE: 3/9/1999		
SLUG CONTROL PLAN EVALUATION DATE: 6/24/2015		COMPLIANCE SAMPLING POINT №: 5094.		
	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	6	6	6	0
Number of IU Sampling Days	0	0	3	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:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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: Southwest Metal Finishing Inc.

Process Flow: 0.003125 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	
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 TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

473

NAME: SRP - KYRENE GENERATING STATION		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 7005 South Kyrene Road Tempe, AZ 85283		MAILING ADDRESS: PO Box 52025 Phoenix, AZ 85072		
CATEGORICAL USER? Yes	40 CFR Yes	LIMITS APPENDIX: T-K	BMR SUBMITTED: 6/24/2013	
TTO CERTIFICATION DATE SUBMITTED: 9/6/2018		PERMIT EFFECTIVE: 11/15/2017	PERMIT EXPIRES: 11/14/2021	
SAMPLING LOCATION VERIFIED ON: 11/6/2018		RCRA NOTICE: 4/10/2014		
SLUG CONTROL PLAN EVALUATION DATE: 2/1/2017		COMPLIANCE SAMPLING POINT №: 5104		
	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	0	0	0	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	0	0
Compliance Status	C	C	C	C
Evaluated as of:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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: 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	

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>Swire Coca-Cola, USA - Tempe Production Center is a soft drink and water bottling facility regulated under 40 CFR 403.3.</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	

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	<p>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.</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 TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

481

NAME: United Dairymen of Arizona		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 2008 South Hardy Drive Tempe, AZ 85282		MAILING ADDRESS: P.O. Box 26877 Tempe, AZ 85285-6877		
CATEGORICAL USER? No	40 CFR No	LIMITS APPENDIX: T-A	BMR SUBMITTED: 7/30/1982	
TTO CERTIFICATION DATE SUBMITTED: 8/10/2018		PERMIT EFFECTIVE: 10/1/2018	PERMIT EXPIRES: 9/30/2022	
SAMPLING LOCATION VERIFIED ON: 9/12/2018		RCRA NOTICE: 7/12/1993		
SLUG CONTROL PLAN EVALUATION DATE: 1/22/2014		COMPLIANCE SAMPLING POINT №: 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	0
Number of City Sampling Days	11	12	12	21
Number of IU Sampling Days	90	91	92	92
Number of Parameter Violations	1	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	I	C	C	I
Evaluated as of:	03/31/2018	06/30/2018	9/30/2018	12/31/2018

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	01/2018	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
4th	Instantaneous	11/2018	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: 1.383157 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 was issued one NOV/AO, with a \$5,000 assessment, for a pH limits violation that occurred in December of 2017.. UDA violated pH limits on January 14, 2018 and was issued an NOV/AO with a \$2500 assessment.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	<p>UDA violated pH limits in November 2018. The violation will be addressed during the first quarter of 2019. Permit conditional daily and peak flow limit exceedances were identified throughout 2018. UDA has verbally committed to fund a \$5.4 million capital project to upgrade and upsized 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>A development agreement has been prepared, and the project is in the design phase. An estimated Spring of 2020 completion date, and the project Gant chart will serve as an informal compliance schedule.</p>

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

Penalties this reporting Year: Assessed \$ 7,500.00 Collected \$ 7,500.00

SECTION 2.6
TOWN OF GILBERT

POTW PRETREATMENT ANNUAL REPORT

TOWN OF GILBERT, ARIZONA

NPDES Permit Holder: City of Phoenix, ArizonaPeriod Covered by this Report: 01/01/2018 through 12/31/2018Name of Wastewater Treatment Plant: 91st Avenue Wastewater Treatment PlantNPDES Permit Number: AZ0020524

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

Edward Meza
 Pretreatment Program Coordinator
 525 North Lindsay Road
 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.

1/30/19
 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: 01/01/2018 to 12/31/2018

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 1,050 new business licenses processed during the 2018 reporting period. Of these 303 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 27 industrial user inspections and 27 Storm Water Inspections conducted in 2018. The Town also conducted 10 sampling events over 20 days and 9 flow studies over 120 days. At the end of 2018 there were 158 industrial user's in the Town's pretreatment database, of these 26 are permitted which include Seven Class 'A' SIU's and Nineteen Class 'B' IU's.

The Town of Gilbert has continued its commercial inspection program. The program's goal is to inspect all food service facilities, automotive service facilities, dry cleaners, and silver photo & x-ray developers annually. There were approximately 1,535 commercial inspections, and 1,535 storm water inspections conducted in 2018.



Best Management Practices

Pollution Prevention through Point Source Control Measures

Reporting Period: 01/01/2018 to 12/31/2018

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 2018 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 developed and distributed one educational brochure for agricultural farmers and another for recreational water users. These were distributed at outreach events like the Spring Kids Expo and the Feathered Friends Festival. Copies were also available at the town municipal center, and they are also on the town's website. 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. The Town of Gilbert's Pretreatment Coordinator attends SROG advisory meetings.

Partnership for Pollution Prevention

The Town of Gilbert Staff continues to participate in Partnership for Pollution Prevention meetings.

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.

TOWN OF GILBERT

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2018 – December 31, 2018 – Total Pretreatment Expenditures **\$ 513,235**

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2017</u>	<u>FTEs 2018</u>
Pretreatment Program Coordinator	1	1
Industrial Pretreatment Inspector	1	1
Wastewater Quality Inspector	4	4

PRETREATMENT PROGRAM EXPENDITURES

Personnel	\$ 453,605
Analytical Laboratory Services	\$ 11,000
Vehicle Operations & Maintenance	\$ 16,150
Training/Tuition	\$ 3,550
Program Operations & Maintenance	\$ 28,930

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2018</u>	<u>Total 2018</u>
Samplers	0	4
Flow Meters & Modules	0	6
pH Meters	1	2
Vehicles	0	6
Computers (Laptops/IPads)	6(0)	6(7)

TOWN OF GILBERT
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2018

	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

TOWN OF GILBERT

PRETREATMENT PERFORMANCE SUMMARY ADDITIONS, DELETIONS AND CHANGES TO THE SIU LIST

<u>ADDITIONS</u>		
The following Significant Industrial Users were added in 2018:		
No changes in 2018.		
<u>DELETIONS</u>		
The following Significant Industrial Users have ceased operations in 2018:		
No changes in 2018.		
<u>RECLASSIFICATIONS</u>		
The following Significant Industrial Users have been reclassified in 2018:		
No changes in 2018.		
<u>NAME CHANGES</u>		
The following Significant Industrial Users changed their names in 2018:		
No changes in 2018.		

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, 2018		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	3	100	6	86
2.	No. of SIUs in Inconsistent Compliance	1	25	0	0	1	14
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	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		3		7	
3.	No. of Facilities Inspected (Nonsampling)	4		3		7	
4.	No. of Sampling Visits Conducted	13		7		20	
5.	No. of Facilities Sampled	4		3		7	
IV. Enforcement Actions							
		Categorical		Non-categorical		Total SIUs	
1.	Notices of Violations Issued to SIUs	1		0		1	
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: Banner Gateway Medical Center

Process Flow: 115,000 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 X No

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

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	
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: 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 X No

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

**TOWN OF GILBERT
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

499

NAME: Herbally Yours, Inc.		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 1504 West San Pedro Street Gilbert, Arizona 85233-2412		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 439.47	LIMITS APPENDIX: L	BMR SUBMITTED 01-29-2003	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 01-01-2016	PERMIT EXPIRES: 12-31-2020	
SAMPLING LOCATION VERIFIED ON: 12-17-18		RCRA NOTICE: 12-30-2002		
SLUG CONTROL PLAN EVALUATION DATE: 11-15-17		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	0	1
Number of City Sampling Days	0	0	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	0	1	0
Compliance Status	C	C	I	C
Evaluated as of:	11-15-18	11-15-18	11-15-18	01-30-19

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
3rd	Permit Condition	7-22-17			IU	Incomplete Report		
			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: 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	August 28, 2018 - Failure to submit complete Self-Monitoring Report. Sampling analysis missing.
Fourth Quarter	A Notice of Violation was issued on 11-15-18 for an incomplete SMR (August 28, 2018) of data realized on November 15, 2018. The NOV was satisfactorily completed on 12-14-18.

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**

501

NAME: Innovative Circuits Arizona		REPORT PERIOD: 01/01/2018 through 12/31/2018		
SERVICE ADDRESS: 130 North Pasadena Street Gilbert, Arizona 85234-5038		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED 4-27-15	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 04-01-2017	PERMIT EXPIRES: 03-31-2021	
SAMPLING LOCATION VERIFIED ON: 09-27-18		RCRA NOTICE: 05-31-2001		
SLUG CONTROL PLAN EVALUATION DATE: 11-02-17		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	0	0	2
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:	01-30-19	01-30-19	01-30-19	01-30-19

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
			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: 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

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	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.
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: 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