



2017

INDUSTRIAL PRETREATMENT ANNUAL REPORT

Gilbert
Glendale
Mesa

Phoenix
Scottsdale
Tempe

ARIZONA



City of Phoenix

WATER SERVICES DEPARTMENT
Quality Reliability Value

February 27, 2018

HAND DELIVERED:

Date: _____

Received by: _____

Printed Name

Signature: _____

Signed Name

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, 2017 and ending on December 31, 2017 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,

for Kathryn Sorensen
Water Services Department Director

Enclosure

- c: Amelia Whitson, EPA
- Jessica Marlow, Town of Gilbert
- John Henny, City of Glendale
- Carlos Padilla, City of Mesa
- Brian Biesemeyer, City of Scottsdale
- Holly Rosenthal, City of Tempe

- Randy Gottler, City of Phoenix
- Susan Kinkade, City of Phoenix
- Stephen L. Wetherell, City of Phoenix
- Jesse Flores, City of Phoenix
- Stephanie Long, City of Phoenix



City of Phoenix

To: Karen Peters
Deputy City Manager

Date: February 12, 2018

From: Kathryn Sorensen *KS*
Water Services Director

Subject: DELEGATION OF AUTHORITY

I will be out of the office starting on Tuesday Feb. 13, 2018 at 8:00 a.m., and returning at 8:00 a.m. Friday, Feb. 16, 2018.

During my absence, Brandy Kelso, Assistant Water Services Director, is authorized to act on my behalf and to approve and sign all documents requiring my approval in accordance with Administrative Regulation 1.51.

Brandy Kelso can be reached at:
O:602-495-7676
C:602-769-6823

Authorized Signature:

A handwritten signature in black ink, appearing to read "Brandy Kelso", written over a horizontal line.

Brandy Kelso
Assistant Water Services Director

c: City Clerk
Finance Accounts
Finance Purchasing
Law

PRETREATMENT PROGRAM ANNUAL REPORT

For the Year Ending December 31, 2017

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

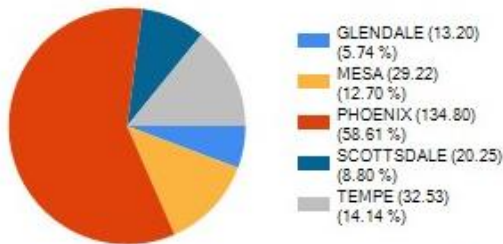
The original 91st Avenue WWTP, a 5 million gallon per day (mgd) cooperative venture between Glendale and Phoenix, was built in 1958. This plant was later replaced with a 45 mgd plant which was subsequently expanded in 1969, 1976, 1984, 1989, and 2009. Upon completion of the most recent expansion in 2010, the plant has a certified treatment capacity of 230 mgd, and receives an average daily flow of 134.78 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	134.8	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

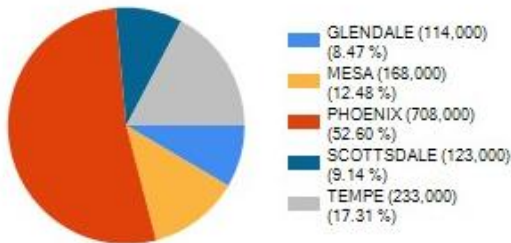
Purchased Capacity

Flow (MGD)



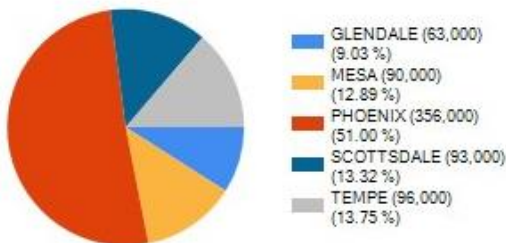
Purchased Capacity vs Monthly Flows

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.

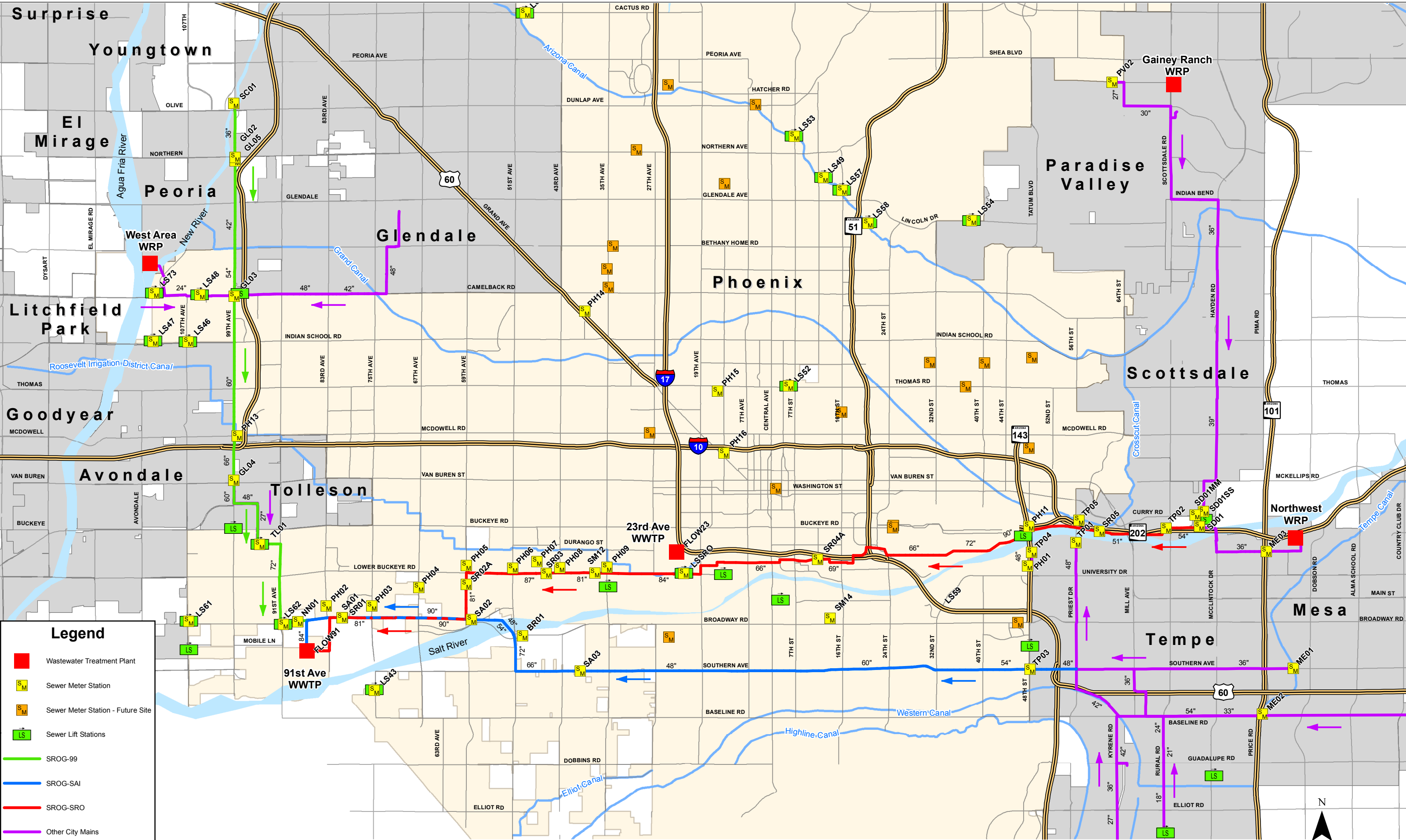
For more information regarding Tres Rios please visit <https://www.phoenix.gov/waterservices/tresrios/wetlandsinfo>.

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 32.51 million gallons. Approximately one (1) 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

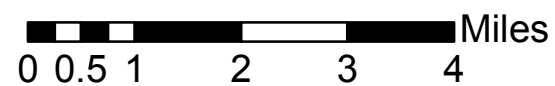


Legend

- 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: 11-15-2017
 Data Source: COP Enterprise GIS
 Created by: JDean2 For Year Ending December 31, 2017
 File Location: I:\Users\JDean\SROG Lines\SROG System Map 2017.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.

23 Ave. Priority Pollutants

	Number of Observations	Number of Non-Detects	Average	Maximum	Units
1,1,1-Trichloroethane					
Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,1,2,2-Tetrachloroethane					
Influent	6	6	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	6	6	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-Dichloroethane					
Influent	6	6	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	6	6	All Non-Detect	-	µg/L
Effluent	4	4	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	3	3	All Non-Detect	-	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichlorobenzene					
Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichloroethane					
Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichloropropane					
Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	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	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

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

Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

1,3-Dichlorobenzene

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

1,3-Dichloropropylene (Trans -1,3-Dichloropropene)

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

1,4-Dichlorobenzene

Influent	6	6	18.7	1.9	µg/L
Effluent	4	4	0.4	1.4	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt

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

Influent	1	1	All Non-Detect	-	pg/L
Effluent	2	2	All Non-Detect	-	pg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

2,4,6-Trichlorophenol

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

2,4-Dichlorophenol

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

2,4-Dimethylphenol

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

2,4-Dinitrophenol

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

2,4-Dinitrotoluene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

2,6-Dinitrotoluene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

2-Chloroethyl vinyl ethers

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

2-Chloronaphthalene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

2-Chlorophenol

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

2-Nitrophenol

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

3,3-Dichlorobenzidine

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

4,4-DDD

Influent	12	12	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

4,4-DDE

Influent	12	12	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

4,4-DDT

Influent	12	12	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

4,6-Dinitro-o-cresol (2-Methyl-4,6-dinitropheno)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

4-Bromophenyl phenyl ether

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	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	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Acenaphthene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Acenaphthylene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Acrolein

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

Acrylonitrile

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

Aldrin

Influent	12	12	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	4	0.150	0.023	mg/kg Dry Wt

Alpha-BHC

Influent	12	10	0.134	0.054	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Alpha-endosulfan (Endosulfan I)

Influent	12	11	0.916	0.059	ug/L
Effluent	2	2	All Non-Detect	-	ug/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Anthracene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Antimony

Influent	12	0	0.0008	0.00120	mg/L
Effluent	4	0	0.0005	0.00074	mg/L
Biosolids	5	1	2.3	2.7	mg/kg Dry Wt

Arsenic

Influent	12	0	0.0020	0.0057	mg/L
Effluent	4	0	0.00100	0.00190	mg/L
Biosolids	6	0	5.1	7.9	mg/kg Dry Wt

Benzene

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

Benzo(a) anthracene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
Benzo(a)pyrene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	2	1	0.06	0.08	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Benzo(b) fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
Benzo(ghi) perylene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt
Benzo(k) fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	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	5	5	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	5	5	All Non-Detect	-	mg/kg Dry Wt
Bis(2-chloroethoxy) methane					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Bis(2-chloroethyl) ether

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Bis(2-chloroisopropyl) ether

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Bis(2-ethylhexyl) phthalate

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	2	39	57	mg/kg Dry Wt

Bromoform

Influent	6	3	0.47	0.72	µg/L
Effluent	2	0	0.45	0.50	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Butyl benzyl phthalate

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Cadmium

Influent	12	9	0.00018	0.00060	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	5	1.1	2.3	mg/kg Dry Wt

Carbon tetrachloride

Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	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	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Chlorobenzene

Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Chlorodibromomethane (Bromodichloromethane)

Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	0	10	17	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Chloroethane

Influent	6	6	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	6	0	8	13	µg/L
Effluent	4	0	18	24	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Chromium

Influent	12	0	0.0058	0.0100	mg/L
Effluent	4	3	0.0007	0.0016	mg/L
Biosolids	6	0	44	63.0	mg/kg Dry Wt

Chrysene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Copper

Influent	12	0	0.128	0.164	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	0	695	950	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	1	9	16	mg/kg Dry Wt

Delta-BHC

Influent	12	11	0.099	0.085	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	4	0.100	0.033	mg/kg Dry Wt

Dibenzo(a,h) anthracene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Dichlorobromomethane

Influent	6	1	1.55	5.60	µg/L
Effluent	4	0	3.41	5.70	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Dieldrin

Influent	12	12	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Diethyl phthalate

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Dimethyl phthalate

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Di-n-butyl phthalate

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Di-n-octyl phthalate

Influent	12	11	56	141	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	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	5	5	All Non-Detect	-	mg/kg Dry Wt

Endrin

Influent	12	12	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	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	5	5	All Non-Detect	-	mg/kg Dry Wt

Ethylbenzene

Influent	6	3	0.38	0.54	µg/L
Effluent	4	4	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	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Fluorene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Gamma-BHC

Influent	12	12	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt

Heptachlor

Influent	12	12	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Heptachlor epoxide

Influent	7	7	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Hexachlorobenzene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Hexachlorobutadiene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt

Hexachlorocyclopentadiene

Influent			All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	2	2	All Non-Detect	-	mg/kg Dry Wt
	5	5			

Hexachloroethane

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Indeno (1,2,3-cd) pyrene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Isophorone

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Lead

Influent	12	0	0.00702	0.01600	mg/L
Effluent	4	2	0.00029	0.00045	mg/L
Biosolids	6	0	42	67	mg/kg Dry Wt

Mercury

Influent	12	0	0.00017	0.00048	mg/L
Effluent	2	2	All Non-Detect	-	mg/L
Biosolids	6	0	1.3	1.5	mg/kg Dry Wt

Methyl bromide (Bromomethane)

Influent	6	6	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	6	6	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Methylene chloride (Dichloromethane)

Influent	6	1	17	29	µg/L
Effluent	4	3	1.10	3.70	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Molybdenum (Non Priority Pollutant studied for Local Limits Monitoring)

Influent	12	0	0.0085	0.0109	mg/L
Effluent	4	0	0.0067	0.0079	mg/L
Biosolids	6	0	18	26	mg/kg Dry Wt

Naphthalene

Influent	2	2	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt

Nickel

Influent	12	1	0.006	0.013	mg/L
Effluent	4	0	0.003	0.004	mg/L
Biosolids	6	0	30	41	mg/kg Dry Wt

Nitrobenzene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt

N-nitrosodimethylamine

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt

N-nitrosodi-n-propylamine

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

N-nitrosodiphenylamine

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Parachlorometa cresol (4-Chloro-3-methylphenol)

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

PCB-1016 (Arochlor 1016)

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

PCB-1221 (Arochlor 1221)

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

PCB-1232 (Arochlor 1232)

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

PCB-1242 (Arochlor 1242)

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

PCB-1248 (Arochlor 1248)

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

PCB-1254 (Arochlor 1254)

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

PCB-1260 (Arochlor 1260)

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

Pentachlorophenol

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Phenanthrene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Phenol

Influent	12	7	59	100	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Pyrene

Influent	12	12	All Non-Detect	-	µg/L
Effluent	3	3	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Selenium

Influent	12	0	0.00102	0.00160	mg/L
Effluent	4	2	0.00028	0.00057	mg/L
Biosolids	6	0	4.7	5.4	mg/kg Dry Wt

Silver

Influent	12	1	0.0014	0.0067	mg/L
Effluent	4	0	0.0007	0.0008	mg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt

Tetrachloroethylene

Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Thallium

Influent	12	12	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Toluene

Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	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	2	2	All Non-Detect	-	µg/L
Biosolids	5	5	All Non-Detect	-	mg/kg Dry Wt

Trichloroethylene (Trichloroethene)

Influent	6	6	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Vinyl chloride

Influent	6	6	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Zinc

Influent	12	0	0.186	0.368	mg/L
Effluent	4	0	0.045	0.047	mg/L
Biosolids	6	0	1158	1700	mg/kg Dry Wt

91st Ave. Priority Pollutants

	Number of Observations	Number of Non-Detects	Average	Maximum	Units
1,1,1-Trichloroethane					
Influent	5	5	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	5	5	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	5	5	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	5	5	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	5	5	All Non-Detect	-	µg/L
Effluent	4	3	0.16	0.21	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	12	12	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	12	12	All Non-Detect	-	µg/L
Biosolids	8	8	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichloroethane					
Influent	5	5	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	5	5	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

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

Influent	5	5	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-1,3-Dichloropropene)

Influent	5	5	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	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	8	8	All Non-Detect	-	mg/kg Dry Wt

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

Influent	1	1	All Non-Detect	-	pg/L
Effluent	2	2	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	5	5	All Non-Detect	-	mg/kg Dry Wt

2,6-Dinitrotoluene

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

2-Chloroethyl vinyl ethers

Influent	2	2	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	0.103	0.087	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	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

4,6-Dinitro-o-cresol (2-Methyl-4,6-dinitropheno)

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

4-Bromophenyl phenyl ether

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

4-Chlorophenyl phenyl ether

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

4-Nitrophenol

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

Acenaphthene

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

Acenaphthylene

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

Acrolein

Influent	2	2	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	2	2	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	11	0.092	0.03	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Alpha-BHC

Influent	12	11	0.093	0.058	µg/L
Effluent	12	10	0.018	0.040	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Alpha-endosulfan (Endosulfan I)

Influent	12	12	All Non-Detect	-	ug/L
Effluent	12	8	0.026	0.048	ug/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Anthracene

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

Antimony

Influent	12	0	0.0011	0.0014	mg/L
Effluent	4	0	0.0006	0.0008	mg/L
Biosolids	4	3	2.99	0.00083	mg/kg Dry Wt

Arsenic

Influent	12	0	0.0029	0.0041	mg/L
Effluent	4	0	0.0018	0.0019	mg/L
Biosolids	12	2	7.4	16.0	mg/kg Dry Wt

Benzene

Influent	5	4	1.10	0.49	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	2	1	0.03	0.08		µg/L
Biosolids	4	4	All Non-Detect	-		mg/kg Dry Wt
Benzo(b) fluoranthene						
Influent	12	12	All Non-Detect	-		µg/L
Effluent	12	12	All Non-Detect	-		µg/L
Biosolids	4	4	All Non-Detect	-		mg/kg Dry Wt
Benzo(ghi) perylene						
Influent	12	12	All Non-Detect	-		µg/L
Effluent	12	12	All Non-Detect	-		µg/L
Biosolids	4	4	All Non-Detect	-		mg/kg Dry Wt
Benzo(k) fluoranthene						
Influent	12	12	All Non-Detect	-		µg/L
Effluent	12	12	All Non-Detect	-		µg/L
Biosolids	4	4	All Non-Detect	-		mg/kg Dry Wt
Beryllium						
Influent	12	12	All Non-Detect	-		mg/L
Effluent	4	4	All Non-Detect	-		mg/L
Biosolids	4	4	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	14	All Non-Detect	-	µg/L
Biosolids	4	3	81	45	mg/kg Dry Wt

Bromoform

Influent	5	5	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	9	2.8	7.9	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Cadmium

Influent	12	5	0.0002	0.0004	mg/L
Effluent	24	24	All Non-Detect	-	mg/L
Biosolids	12	12	All Non-Detect	-	mg/kg Dry Wt

Carbon tetrachloride

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

Chlorodibromomethane (Bromodichloromethane)

Influent	5	5	All Non-Detect	-	µg/L
Effluent	4	3	0.28	0.57	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Chloroethane

Influent	5	5	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	5	0	4.9	6.4	µg/L
Effluent	4	0	1.6	1.9	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Chromium

Influent	12	0	0.0077	0.0107	mg/L
Effluent	4	1	0.0017	0.0029	mg/L
Biosolids	12	0	39	56.0	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	0.131	0.161	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	12	0	563	760	mg/kg Dry Wt

Cyanide, Total (Cyanide samples are discrete samples.)

Influent	12	12	All Non-Detect	-	mg/L
Effluent	24	24	All Non-Detect	-	mg/L
Biosolids	4	2	19	27	mg/kg Dry Wt

Delta-BHC

Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	6	0.043	0.097	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

Dichlorobromomethane

Influent	10	19	All Non-Detect	-	µg/L
Effluent	6	3	0.28	0.57	µg/L
Biosolids	8	8	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 sulfate

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

Endrin

Influent	12	12	All Non-Detect	-	µg/L
Effluent	16	16	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Endrin aldehyde

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

Ethylbenzene

Influent	5	4	0.55	0.94	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	11	0.095	0.049	µg/L
Effluent	16	16	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Heptachlor

Influent	12	12	All Non-Detect	-	µg/L
Effluent	16	16	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Heptachlor epoxide

Influent	12	12	All Non-Detect	-	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	12	12	All Non-Detect	-	µg/L
Biosolids	8	8	All Non-Detect	-	mg/kg Dry Wt

Hexachlorocyclopentadiene

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

Hexachloroethane

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

Indeno (1,2,3-cd) pyrene

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

Isophorone

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

Lead

Influent	12	0	0.0027	0.0034	mg/L
Effluent	24	15	0.00021	0.00020	mg/L
Biosolids	12	0	16	28	mg/kg Dry Wt

Mercury

Influent (Discrete Samples)	12	0	0.0001	0.0003	mg/L
Effluent	24	0	1.5	2.7	ng/L
Biosolids	12	0	0.90	1.20	mg/kg Dry Wt

Methyl bromide (Bromomethane)

Influent	5	5	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	5	5	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	5	2	2.6	4.2	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Molybdenum (Non Priority Pollutant studied for Local Limits Monitoring)

Influent	12	0	0.0081	0.0165	mg/L
Effluent	4	0	0.0048	0.0061	mg/L
Biosolids	12	3	17	27	mg/kg Dry Wt

Naphthalene

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

Nickel

Influent	12	0	0.012	0.068	mg/L
Effluent	4	0	0.004	0.005	mg/L
Biosolids	12	0	27	50	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			All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	12	12	All Non-Detect	-	mg/kg Dry Wt
	4	4			

PCB-1016 (Arochlor 1016)

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

PCB-1221 (Arochlor 1221)

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

PCB-1232 (Arochlor 1232)

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

PCB-1242 (Arochlor 1242)

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

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	0.0014	0.0020	mg/L
Effluent	24	5	0.0004	0.0006	mg/L
Biosolids	12	3	6.0	7.9	mg/kg Dry Wt

Silver

Influent	12	1	0.0011	0.0019	mg/L
Effluent	4	0	0.0008	0.0012	mg/L
Biosolids	12	12	All Non-Detect	-	mg/kg Dry Wt

Tetrachloroethylene

Influent	5	4	2.0	5.6	µg/L
Effluent	7	7	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Thallium

Influent	12	11	0.00005	0.00011	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Toluene

Influent	5	0	3.8	4.5	µg/L
Effluent	6	6	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	5	5	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	5	5	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	0.182	0.219	mg/L
Effluent	4	0	0.022	0.026	mg/L
Biosolids	12	0	698	990	mg/kg Dry Wt

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, 2017. 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 2017 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 Wastewater Treatment Plant (WWTP) during 2017. However, the City of Phoenix is continuing an investigation of the following pass-through at the 23rd Avenue WWTP that may be attributable to nondomestic users of the POTW.

A sample taken at the WWTP effluent on August 9, 2017, showed an elevated concentration of Methylene Chloride (Dichloromethane) which exceeded the WWTP's Aquifer Protection Permit limit. Methylene Chloride is reported as a component of effluent characterization under the AZPDES permit, but there is no associated limit. The City of Phoenix has taken the following steps to investigate the issue:

1. The Industrial Pretreatment Program (IPP) conducted a review of the seven (7) permitted Class A Categorical Industries with Total Toxic Organics (TTO) permit requirements that include Methylene Chloride. Water quality results for samples collected by City staff at these facilities were all non-detect for Methylene Chloride in 2016 and 2017. A review of 23 Non-Categorical permitted facilities also did not reveal a likely source.
2. IPP staff reviewed the City's list of potential permitted industries and identified industries that have the potential to utilize or discharge Methylene Chloride. Inspections of these facilities conducted to date have not revealed a potential source.
3. The City began monthly monitoring of the WWTP's combined influent for Methylene Chloride in September 2017, and results showed consistently high levels of the pollutant entering the WWTP.
4. In December 2017, the City began sampling of the three separate influent lines into the WWTP to identify the area of the collection system that was the source. This sampling was successful in determining the influent line that was contributing, and in January 2018, staff began manhole sampling to further narrow down the geographic area of the source.

The City will continue manhole sampling and inspections to track down the source of the Methylene Chloride.

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 2017.

On January 26, 2017 and September 5, 2017, 91st Avenue WWTP observed two pass-through incidents of chlorine at Outfall 005. This resulted in two exceedances of the daily maximum NPDES permit limits. The chlorine result on January 26, 2017 was due to high chlorine dosage at the influent to Tres Rios Wetlands by operations staff. The chlorine result on September 5, 2017 was attributed to ozone interference.

In June 2017, a pass-through of cyanide was observed at the influent to the Tres Rios Wetlands, FRW-1. This resulted in two (daily and monthly) NPDES permit limit exceedances. During an investigation, the cyanide results were attributed to interference in the preservation process of the chlorinated samples. FRW-1 is a monitoring location and 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 March 26, 2013.

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 2016 values was used to identify trends. Tables summarizing percentages of MAHL for 2017 and 2016 appear later in this section.

Both the 23rd and 91st Avenue WWTPs show detections for BHC-alpha. In addition, the 91st Avenue WWTP shows detections for 4-4'-DDE and BHC-gamma. After reviewing the data, it was determined that the levels detected for these pesticides were so low it was not possible to do a secondary evaluation to validate the detections.

2017 Percentage of Maximum Allowable Headworks Loading (MAHL)

Pollutant of Concern	23rd Avenue WWTP - Local Limits Review		91st Avenue WWTP - Local Limits Review	
	2005 MAHL Lb/Day	2017 Avg Influent Lb/Day	2005 MAHL Lb/Day	2017 Avg Influent Lb/Day
Inorganics				
Arsenic	8.1	0.6	30	3
Beryllium	1.2	Non Detect	73	Non Detect
Boron	419	77	1,306	367
Cadmium	2.1	0.05	8.9	0.2
Chromium	213	2	866	9
Copper	97	35	397	147
Cyanide	13	Non Detect	40	Non Detect
Fluoride	1,697	263	5,363	1826
Lead	22	2	89	3
Mercury	0.26	0.05	2.6	0.1
Molybdenum	19	2	77	9
Nickel	55	2	219	13
Selenium	1.4	0.3	4.6	1.6
Silver	53	0.4	281	1
Sulfides	1,352	Unknown	12,724	Unknown
Zinc	213	50	911	205
VOCs				
Benzene	203	Non Detect	212	1
Chlorobromomethane	162	Non Detect	1,082	Non Detect
Chloroform	406	2	4,984	5
Methylene Chloride	18	5	30	0.3
Tetrachloroethylene	101	Non Detect	49	2
Trichloroethylene	9.2	Non Detect	58	Non Detect
SVOCs				
Di (2-ethylhexyl) phthalate	81	Non Detect	35	Non Detect
Phenanthrene	8.0	Non Detect	802	Non Detect
Pesticides				
**4,4'-DDE	0.0006	Non Detect	0.0025	0.1161
4,4'-DDT	0.0006	Non Detect	0.0019	Non Detect
**BHC-alpha	0.008	0.036	0.055	0.020
BHC-beta	0.016	Non Detect	0.051	Non Detect
**BHC-gamma (Lindane)	0.025	Non Detect	0.069	0.106

*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, 2017

SECTION 1.2 SIGNIFICANT NON-COMPLIANCE (SNC)

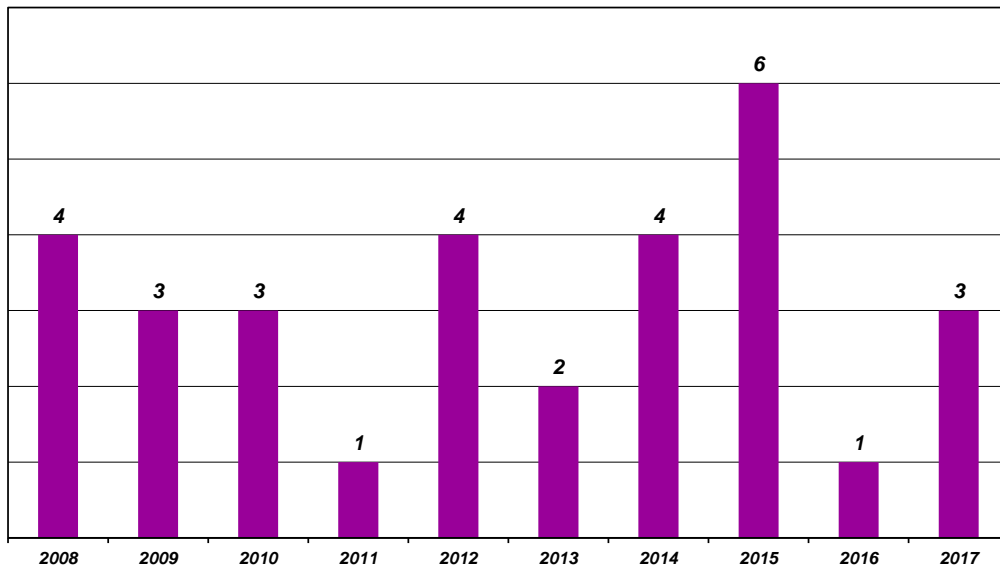
Publication of Significant Industrial Users in Significant Noncompliance (SNC)

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.

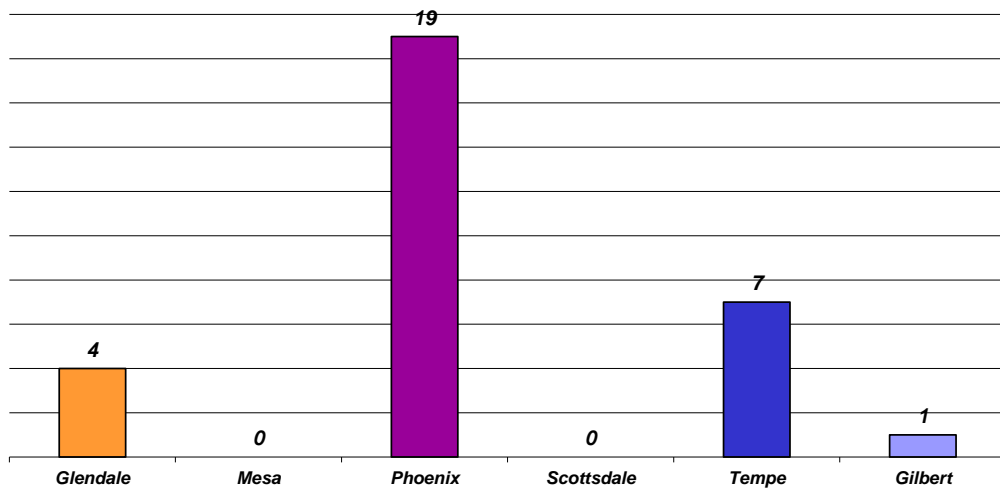
A list of Industrial Users in SNC for the year ending December 31, 2017 is scheduled to appear in the Arizona Republic on Tuesday, March 13, 2018 and appears following these SNC History pages. Additionally, the March 14, 2018 Arizona Republic publication of Industrial Users in SNC for the year ending December 31, 2017 follows the 2017 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 - 2017											
SNC Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	10-Year Totals
Glendale	0	0	1	0	1	0	1	1	0	0	4
Mesa	0	0	0	0	0	0	0	0	0	0	0
Phoenix	2	2	2	0	2	2	2	4	1	2	19
Scottsdale	0	0	0	0	0	0	0	0	0	0	0
Tempe	2	1	0	1	1	0	1	1	0	0	7
Gilbert	0	0	0	0	0	0	0	0	0	1	1
SROG System TOTALS	4	3	3	1	4	2	4	6	1	3	31

SROG System SNCs Per Year



**Total SIUs Published by Municipality
SNC Years 2008 - 2017**



Industrial Users in Significant Noncompliance (SNC) with Applicable Pretreatment Requirements in 2017

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 its respective local ordinance 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, 2017 through December 31, 2017.**

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 12/31/2016?	Number of Times Published	Nature of Enforcement Action(s)	Comments
City of Glendale No Users in SNC						
City of Mesa No Users in SNC						
City of Phoenix						
Cassavant Assembly & Processing, LLC 3725 East Atlanta Avenue Phoenix, Arizona 85040-2960	Late Reporting – 24-Hour Notification Report submitted greater than 30-days late during 1 st Quarter.	04/28/2017	Yes	1	Notices of Violation Demand Inspections SNC Notification Review Meeting.	Violations other than late reporting include: Chromium and Nickel effluent violations violation. Review meeting took place during the 3 rd Quarter of 2017. Corrective actions were required and completed during the 4 th Quarter of 2017.
FlipChip International, LLC 3701 East University Drive Phoenix, Arizona 85034-8225	Late Reporting – 24-Hour Notification Report submitted greater than 30-days late during 3 rd Quarter.	09/28/2017	Yes	1	Notices of Violation Demand Inspections SNC Notification Show Cause Hearing.	Violations other than late reporting include: instantaneous pH effluent violations. A Show Cause Hearing, imposing monetary penalties, was held during the 3 rd Quarter of 2017.
City of Scottsdale No Users in SNC						
City of Tempe No Users in SNC						
Town of Gilbert						
Herbally Yours, Inc.	Daily TRC exceedance; Monthly Chronic & TRC exceedance, 4th Quarter.	6/01/2017	Yes	1	Notices of Violation, Temporary Increase Self-Monitoring	The NOV issued on 09-06-17 was satisfactorily completed and the violation was brought in to compliance on 10/18/2017.

THE ARIZONA REPUBLIC

STATE OF ARIZONA }
 COUNTY OF MARICOPA } SS.

The Arizona Republic is a newspaper of general circulation in the county of Maricopa, Coconino, Pima and Pinal, State of Arizona, published at Phoenix, Arizona, by Phoenix Newspapers Inc., which also publishes The Arizona Business Gazette, and that the copy hereto attached is a true copy of the advertisement published in the said paper on the dates as indicated.

The Arizona Republic

4/27/2017




Erika Faulkner
 Notary Public

Sworn to before me this
 1st day of
 May 2017

Public Notices 6630 Public Notices 6630 Public Notices 6630 Public Notices 6630 Public Notices 6630

Industrial Users in Significant Noncompliance (SNC) with Applicable Pretreatment Requirements in 2016

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 plant (POTW), the safety of personnel operating the wastewater collection system, and the environment from adverse effects that could occur when industrial wastewater is discharged into a sewer collection system. The program is designed to protect the health of the community and the environment. The program is designed to protect the health of the community and the environment. The program is designed to protect the health of the community and the environment.

This notice is published from January 1, 2017 through December 31, 2016.

An industrial user (IU) is any person or firm that discharges or causes to be discharged into the sewer collection system, directly or indirectly, any pollutant that is not a domestic sewage effluent. The IU is responsible for obtaining a permit from the City of Glendale, Mesa, Phoenix, Scottsdale, and Tempe, and the Town of Gilbert, Arizona to discharge pollutants into the sewer collection system. The IU is responsible for obtaining a permit from the City of Glendale, Mesa, Phoenix, Scottsdale, and Tempe, and the Town of Gilbert, Arizona to discharge pollutants into the sewer collection system.

A. Chronic violations (SNC) of the permit requirements listed below in which such act prevent or cause of all of the measurement issues during a six-month period except by any magnitude the daily maximum limit or the average limit for the same pollutant parameter.

B. Technical Review Criteria violations (TRC) defined here as those in which thirty-three percent or more of all of the measurement issues during a six-month period equal or exceed the product of the daily maximum limit for the average limit multiplied by the average limit for the pollutant. (TRC-1 for BOD, TSS, oil and grease, and all other pollutants listed in the permit.)

C. Any violation of the permit requirements listed below in which the IU fails to comply with the permit requirements within the time period specified in the permit.

D. Any discharge of a pollutant that has caused imminent endangerment of human health, welfare or to the environment or has resulted in the IU's exercise of its emergency authority to shut or prevent such as discharge. The IU is responsible for obtaining a permit from the City of Glendale, Mesa, Phoenix, Scottsdale, and Tempe, and the Town of Gilbert, Arizona to discharge pollutants into the sewer collection system.

E. Failure to provide within 30 days after the due date the required report such as a Discharge Monitoring Report, a 30-day compliance report, periodic self-monitoring reports, and reports on compliance with noncompliance activities.

F. Failure to accurately report noncompliance by IU.

G. Any IU that has been determined by the POTW to be in violation of the permit requirements 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 materials into a municipality's sewer system, please immediately notify the appropriate municipality: Gilbert (480) 933-6411, Glendale (625) 934-2700, Mesa (480) 644-2731, Phoenix (602) 497-5026, Scottsdale (480) 381-5007, or Tempe (480) 350-3578.

Industrial User	Name of Violator Type of Violation	Date of Last Non-Compliance of 12/31/2016	Has User Obtained for Compliance of 12/31/2016	Number of Times Published	Nature of Enforcement Action(s)	Comments
City of Glendale, No. Users in SNC						
City of Mesa, No. Users in SNC						
City of Phoenix	Esposito Packaging, Inc. (Esposito Juice) 139 South 59th Avenue Phoenix, Arizona 85045-4321	1/11/2016	No	1	Notice of Violation Shore Cause Hearing - PENDING Civil Penalties - PENDING	Violators other than the reporting facility, restaurants, pH without violations and unlawful discharge to ground waters. Shore Cause Hearing (prepaid) necessary penalties will be levied during 2 nd quarter of 2017
City of Scottsdale, No. Users in SNC						
City of Tempe, No. Users in SNC						
Town of Gilbert, No. Users in SNC						

SECTION 1.3

DEFINITIONS, LIMITS, AND FORMS

DEFINITIONS

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

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>Sapa Remelt</i>
H	467.35 Aluminum Forming Subpart C PSES Conc. Equivalent - <i>Sapa Plant 1</i>
I	467.35 Aluminum Forming Subpart C PSES Conc. Equivalent - <i>Sapa 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**

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

Concentration Equivalent		
Permit № 1408-21490		
Effective 08/04/2014 through 12/31/2017		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium*	5.50	2.25
Copper	1.5	N/A
Cyanide (T) *	2.0	1.51
Lead	0.41	N/A
Mercury	0.0023	N/A
Oil & Grease*	661	325
Selenium	0.10	N/A
Silver	1.2	N/A
TTO*	8.61	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**

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

Concentration Equivalent		
Permit № 1408-21491		
Effective 08/04/2014 through 12/31/2017		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium*	1.79	0.74
Copper	1.5	N/A
Cyanide (T) *	1.18	0.21
Lead	0.41	N/A
Mercury	0.0023	N/A
Oil & Grease*	214.48	45.40
Selenium	0.10	N/A
Silver	1.2	N/A
TTO*	2.80	N/A
Zinc*	3.5	1.06
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**

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

Concentration Equivalent		
Permit № 1408-21489		
Effective 08/04/2014 through 12/31/2017		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium*	0.73	0.30
Copper	1.5	N/A
Cyanide (T) *	0.48	0.04
Lead	0.41	N/A
Mercury	0.0023	N/A
Oil & Grease*	89.45	8.42
Selenium	0.10	N/A
Silver	1.2	N/A
TTO*	1.15	N/A
Zinc*	2.42	0.20
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 № 1210-5475		
Effective 10/01/2012 through 09/30/2017		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium	0.047	N/A
Chromium*	0.69	0.28
Copper*	1.5	1.56
Cyanide (T)	2.0	N/A
Fluoride*	93.16	41.33
Lead	0.41	N/A
Manganese*	1.06	0.46
Mercury	0.0023	N/A
Oil & Grease*	31.30	18.79
Phosphorus (T)*	26.15	10.70
Selenium	0.10	N/A
Silver	1.2	N/A
TTO*	0.50	0.23
Zinc*	2.29	0.96
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 08/01/2016 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**	100	
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 № 1304-30385		
Effective 04/25/2013 through 03/31/2018		
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*	1.35	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 № 1201-5340 Effective 01/01/2012 through 02/28/2017			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 № 1301-5335		
Effective 01/01/2013 through 12/31/2017		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium*	0.047	0.06
Chromium*	2.50	1.55
Copper*	1.5	1.90
Cyanide (T)*	1.08	0.59
Lead*	0.41	0.39
Mercury	0.0023	N/A
Nickel*	3.60	2.15
Selenium	0.10	N/A
Silver*	0.39	0.22
TTO*	1.93	N/A
Zinc*	2.36	1.34
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 № 1307-2990		
Effective 07/01/2013 through 06/30/2018		
Parameter	Daily Maximum (mg/L)	Monthly Average (mg/L)
Arsenic	0.13	N/A
Cadmium*	0.047	0.068
Chromium*	2.66	1.64
Copper*	1.5	1.99
Cyanide (T)*	1.15	0.62
Lead*	0.41	0.41
Mercury	0.0023	N/A
Nickel*	3.82	2.28
Selenium	0.10	N/A
Silver*	0.41	0.23
TTO*	2.04	N/A
Zinc*	2.50	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 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	Chemical Metal Cleaning Wastes Daily Maximum mg/l	Cooling Tower Blowdown Maximum anytime mg/l	Sample Method
Copper, Total*	1.00	N/A	Composite
Chromium, Total	N/A	0.20	Composite
Zinc, Total	N/A	1.00	Composite
All other Priority Pollutants	N/A	No Detectable Amount	Composite

There shall be no discharge of Polychlorinated Biphenyls.

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

APPENDIX T-L

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

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

APPENDIX T-M

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

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

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

APPENDIX T-N

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

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

* 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.

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

NAME: (1)		REPORT PERIOD: (2)		
SERVICE ADDRESS: (3)		MAILING ADDRESS: (4)		
CATEGORICAL USER? (5)	40 CFR (5a)	LIMITS APPENDIX: (6)	BMR SUBMITTED: (7)	
TTO CERTIFICATION DATE SUBMITTED: (8)		PERMIT EFFECTIVE: (9)	PERMIT EXPIRES: (10)	
SAMPLING LOCATION VERIFIED ON: (11)		RCRA NOTICE: (12)		
SLUG CONTROL PLAN EVALUATION DATE: (13)		COMPLIANCE SAMPLING POINT №: (14)		
	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	(15a)			
Number of City Sampling Days	(15b)			
Number of IU Sampling Days	(15c)			
Number of Parameter Violations	(15d)			
Number of Inspection Violations	(15e)			
Number of Reporting Violations	(15f)			
Number of Permit Cond. Violations	(15g)			
Compliance Status	(15h)			
Evaluated as of:	(15i)			

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant Noncompliance **(16 a, b, c)**
If company is in I or S, then the following table applies **(17)**

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			(18)					

Enforcement Status Codes (19)

- | | | |
|---|--------------------------------------|---|
| 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 (20)

Company Name: (21)

Process Flow: (22)

General Information and type of wastewater treatment

(23)

First Quarter

(24)

Second Quarter

(25)

Third Quarter

(26)

Fourth Quarter

(27)

To be published for this year in newspaper for Significant Non-Compliance? (28) Yes No

Penalties this reporting year: Assessed (29) Collected (30)

**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: 01/01/2017 through 12/31/2017

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:

Lee Robinson
Administrator, Pretreatment Programs
City of Glendale
5901 North Glen Harbor Boulevard
Glendale, Arizona 85307-4502
623-930-4779

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.

1/24/18

Date:



John Henny
Deputy Water Services Director
City of Glendale, Arizona



CITY OF GLENDALE, ARIZONA



On April 1st and April 3, 2017, the City of Glendale hosted the NCAA basketball final four at the University of Phoenix Stadium. As the host, Glendale was awarded two semi-final games and a championship game. A total of 76,168 fans attended the championship game between North Carolina and Gonzaga.

Glendale is located in Maricopa County on the western border of Phoenix. With a water service area population of approximately 231,000 it is the fifth largest city in Arizona. The City has grown from its original one square mile to 56.5 square miles today including the Luke Air Force Base annexation. Situated at 1,100 feet above sea level, Glendale has an annual rainfall of 7 inches and an average high temperature of 85 degrees Fahrenheit with an average low of 57 degrees.

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 Glendale Water Services Department treated 13.63 billion gallons of water to supply to customers in 2017. 139,151 square feet of turf was converted to desert

landscape resulting in 3.1 million gallons of water savings each year.

Glendale has a council / manager form of government. The mayor is elected at large every four years and six council members are elected from districts to serve four year terms.

Glendale's award-winning holiday lighting event has become a family tradition across the valley and Arizona since 1994. The stunning display of 1.5 million LED lights illuminates sixteen blocks of Historic Downtown Glendale, making it the largest free holiday light display in Arizona.

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 University of Phoenix Stadium. 2017 saw 3 companies expand and 6 new businesses come to Glendale resulting in 1,398 jobs.

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 2017**



Pretreatment Program Changes and Other Activities

Program Changes

The pretreatment program continues to expand the “Not In My Drain Campaign” in 2017. This campaign will be an annual event held in October. The purpose of this campaign is to reduce the amount of residential **F**ats, **O**ils, and **G**rease (FOG) discharged to the Glendale wastewater collection system. Every year, outreach efforts will result in the hanging Not In My Drain brochures in a selected area of Glendale to educate residents about the proper disposal of FOG. This year 2,886 brochures were delivered to Glendale residents. The brochure is attached and displayed on the two pages following this page. A new FOG pictograph was created in 2017 to help communicate across language barriers. The pictograph is included in this report as well.

SROG Participation

City of Glendale pretreatment personnel participate in monthly Subregional Operating Group (SROG) Technical Advisory Committee meetings held at the AMWUA offices in Phoenix. Glendale personnel also attend SROG meetings held monthly regarding the 91st Ave POTW Metering Stations Impact Study. 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.

Training / Seminars Attended By Pretreatment Personnel

- City of Glendale Pretreatment personnel conduct most of the required Glendale training using an online safety training program.
- The annual AZ WATER conference was attended by three pretreatment division employees in 2017.

Public Participation / Education

Glendale charges an annual “Grease Bearing Waste Discharger Fee” of \$183.18 to all commercial facilities who own a grease trap/grease interceptor. To provide better service to commercial FOG customers, the pretreatment program will have 100 percent of its permitted customers billed automatically on a monthly basis by the end of fiscal year 2018.

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 handout 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 2017

Pollution Prevention Through Point Source Control Measures

Introduction

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 2017 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 was a total of 345 commercial inspections conducted in 2017. 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 was a total of 758 FOG related inspections performed during 2017. In August 2007, Glendale began issuing commercial discharge permits to FOG facilities with approved, in service pretreatment devices. Currently there are 484 active commercial discharge permits issued to various FOG facilities. The importance of FOG facility inspections continues and accounted for 56% of all pretreatment inspections conducted in 2017.

Significant Industrial Users (SIUs):

Annual sampling is conducted at Arrowhead Hospital; Banner Thunderbird Medical Center; Corning-Gilbert; Magellan Aerospace, Glendale, Inc.; 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 conduct field investigations to find other potential significant industrial users.

Other Industrial Users:

The pretreatment program has been working with several potential industrial users in Glendale. Glendale expects to be adding one new significant industrial user in 2018. In the 2016 annual report, Glendale was expecting two SIU's to be added, but this did not occur.

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 was issued a new Municipal Separate Storm Sewer System (MS4) Permit in August of 2010. With this new permit, the Glendale Pretreatment Program received additional duties. Performing 100 storm water related inspections per fiscal year is a requirement of the permit assigned to Pretreatment. For the calendar year from January 1, 2017 to December 31, 2017, the City of Glendale Pretreatment Program conducted 122 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 2017.

NOT IN MY DRAIN FOG OUTREACH BROCHURE

**The following information is from
the City of Glendale Water Services
Department**

For more information go to
www.glendaleaz.com/waterservices

Pretreatment Manager
623-930-4779

Water Quality Lab
623-930-3885

City of Glendale - Pretreatment Program
[www.glendaleaz.com/
Utilities/Pretreatment](http://www.glendaleaz.com/Utilities/Pretreatment)

City of Glendale - Environmental Resources
[www.glendaleaz.com/
environmentalresources](http://www.glendaleaz.com/environmentalresources)

Glendale 11 Story
Keep FO&G out of Glendale's Sewers
www.youtube.com/watch?v=HBnIPLKc5oY



"Protecting the Environment"



www.GlendaleAZ.com/WaterServices



Not In My Drain!
How to Prevent Sanitary Sewer Clogs
from Happening to You!



**Glendale Pretreatment Program
Pollution Prevention**

5901 North Glen Harbor Blvd.
Glendale, Arizona 85307



www.GlendaleAZ.com/WaterServices

How To Prevent Sanitary Sewer Clogs From Happening To You!

When fats, oils, and grease from daily kitchen use are poured into drains, either in homes or businesses, it can solidify in your pipes and cause costly sewer blockages and overflows. This can potentially damage homes, cause raw sewage to backup into city streets, threaten public health, and cause damage to the environment. The easiest way to solve the problem of grease blockage is to keep grease out of the drains in the first place.

Follow these easy steps to protect your plumbing and the environment:

1. **DO NOT** put grease down garbage disposals!



2. Scrape food scraps into a can or trash for disposal. Put baskets or strainers in sink drains to catch food scraps and other solids. Empty the drain baskets or strainers into the trash.



3. For small amounts of oil or grease pre-wipe pots and pans prior to washing them by using paper towels to soak it up. Then dispose in the trash.



4. For amounts ranging from a cup to a pint, pour the grease or oil into a container and freeze it. Put the frozen grease into the trash the day your trash is collected. Try to use a non-recyclable container if possible. If you have none available, a tin or steel can will work.



5. For moderate amounts, from a pint to a gallon, use cat litter to solidify the grease or oil. Put the cat litter in a double-lined plastic bag and pour the grease into the bag. Be sure there is no free liquid before tying the bag shut.

No!

Non!

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Yes!

Si!

Oui!

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Storm Water Pollution Prevention

Best Management Practices (BMPs) for Grocery Stores & Supermarkets

Supermarkets

Clean Water Is Important To All of Us

In Glendale, storm water flows directly into the environment. That means anything that is discharged or dumped down a storm drain quickly reaches our washes, rivers, and retention basins and can harm the environment.

The City of Glendale has many programs to protect storm water quality. They include enhancement and restoration of waterways, maintenance of the storm drainage system, storm water inspections, enforcement of storm water regulations, and public outreach.



Supermarket Industry Challenges



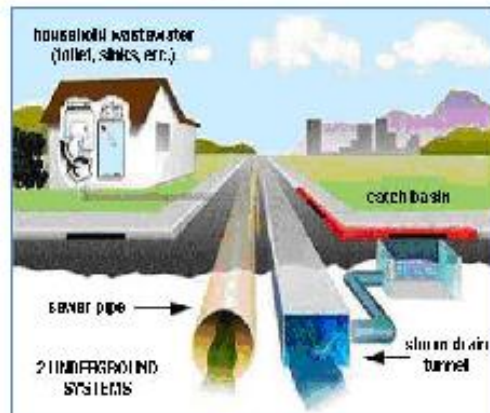
Poor waste management will result in leaking dumpsters, which will pollute storm water. Leaking dumpsters cause illicit discharges into storm drains or onto the ground, where it can negatively impact water quality. An easy way to remember this is:

"ONLY RAIN GOES IN TO THE STORM DRAIN."

Sewer Drains and Storm Drains are Separate

The City of Glendale sewer system and storm water conveyance system are separate from one another. Storm water enters the storm sewer system through outdoor drainage systems. Wastewater enters the sewer from indoor sources such as toilets, sinks, and showers.

VIOLATIONS OF THE STORMWATER CITY CODE COULD RESULT IN LOCAL FINES OF UP TO \$2,500 PER DAY, PER EVENT.



Solutions

The grocery store and supermarket industry must follow Best Management Practices, which include the proper handling, storage, and disposal of waste materials, to help prevent water pollution and avoid fines.



Best Management Practices for Dumpsters

- Place dumpsters away from storm drains.
- Inspect dumpsters monthly for damage (i.e. rust, cracks, or holes), leaks, or stains. Call your dumpster provider when a problem is found and replace/repair dumpster to prevent leakage.
- Keep dumpster lids closed at all times to keep out rainwater and pests.
- Minimize the amount of liquids disposed in dumpsters by using the sanitary sewer (for allowable discharges).
- Pick-up litter around dumpsters, loading area, and parking lot. City Code requires garbage and trash be collected in leak proof containers.
- Dispose of mop water into the sanitary sewer and not into storm drains.



Spills

- Store chemicals in a secure and contained area to prevent spills.
- Do not use water to wash down outside spills. Use dry absorbent, sweep up, and dispose of in a sealed container in a dumpster
- Report spills, leaks, and suspicious discharges that enter the storm drain system to (623) 930-4779.

Employee Training

- Train all employees upon hiring and annually. Keep a record and document all training provided.
- Post these Best Management Practices where employees can see them.

Report illegal dumping by calling (623) 930-4779 or after hours (623) 930-4100



For More Information

For questions on storm water rules and regulations related to the grocery store and supermarket industry, please call the City of Glendale Administrator of Pretreatment Programs at (623) 930-4779.



Glendale Water Services

Reliability • Quality • Value

Since 1915

CITY OF GLENDALE

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2017 – December 31, 2017 – Total Pretreatment Expenditures \$ 435,663

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2017</u>	<u>FTEs 2016</u>
Administrator, Pretreatment Programs	1.0	1.0
Pretreatment Inspector, Senior	1.0	1.0
Pretreatment Inspector	3.0	3.0

PRETREATMENT PROGRAM EXPENDITURES

Computer Upgrades & Equipment	\$14,480
Chemicals, Sampling Supplies	\$450
Office Supplies	\$1,500
Laboratory Analysis	\$14,527
Maintenance	\$12,259
Personnel Expenses	\$392,447

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2017</u>	<u>Total 2017</u>
Computers	2	8
Samplers	0	8
Flowmeters	1	4
pH Meters	0	3
Vehicles	0	6
Gas Detectors	0	19
Tablets (iPad)	0	5

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
1.	American Pumping Company 7220 N. 65th Avenue Glendale, Arizona 85301 Signatory: Mr. Tim Dear, Owner Contact: Mr. Tim Dear Phone: 602-252-8111	91 st Avenue	7699 1711	Local Limits
2.	Arrowhead Hospital 18701 N. 67th Avenue Glendale, AZ 85308 Signatory: Mr. Tim Riley, Director Facilities Services Contact: Mr. Tim Riley Phone: 623-537-3444	91 st Avenue	8062	Local Limits
3.	Banner Thunderbird Medical Center 5555 W Thunderbird Rd. Glendale, AZ 85306 Signatory: Mr. Raul Haro, Plant Operations Manager Contact: Mr. Raul Haro Phone: 602-865-3023	91 st Avenue	8062	Local Limits
4.	Corning-Gilbert Inc. 5310 West Camelback Road Glendale, AZ 85301 Signatory: Mr. Cory Donahue, Plant Engineering Supervisor Contact: Mr. Cory Donahue Phone: 602-245-1050	91 st Avenue	3644 3471	433.15
5.	Magellan Aerospace, Glendale Inc. 5440 West Missouri Ave Glendale, AZ 85301 Signatory: Mr. Brian Achs, Environmental Program Manager Contact: Mr. Russel Gerkitz Phone: 602-939-9441	91 st Avenue	3361 3479	433.15

ADDITIONS

The following Significant Industrial Users were added in 2017:

None

DELETIONS

The following Significant Industrial Users have ceased operations in 2017:

None

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2017:

None

NAME CHANGES

The following Significant Industrial Users changed their names in 2017:

None **IS NOW** None

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: Lee Robinson, Administrator, Pretreatment Programs				Contact Telephone Number: (623) 930-4779			
Reporting Period: January 1 – December 31, 2017		Categorical IUs: 2		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	2	100	3	100	5	100
2.	No. of SIUs in Inconsistent Compliance	0	0	0	0	0	0
3.	No. of SIUs in Significant Noncompliance	0	0	0	0	0	0
4.	No. of Parameter Violations	0		0		0	
5.	No. of Reporting Violations	0		0		0	
6.	No. of Permit Condition Violations	0		0		0	
III. Compliance Monitoring Program							
		Categorical		Non-categorical		Total SIUs	
1.	No. of Control Documents Issued	0		0		0	
2.	No. of Nonsampling Inspections Conducted	2		3		5	
3.	No. of Facilities Inspected (Nonsampling)	2		3		5	
4.	No. of Sampling Visits Conducted	8		8		16	
5.	No. of Facilities Sampled	2		3		5	
IV. Enforcement Actions							
		Categorical		Non-categorical		Total SIUs	
1.	Notices of Violations Issued to SIUs	0		0		0	
2.	Temporary Increase in IU Self Monitoring	0		0		0	
3.	Administrative Orders Issued to SIUs	0		0		0	
4.	Compliance Schedules Issued	0		0		0	
5.	Settlement Agreements	0		0		0	
6.	Other Actions	0		0		0	
7.	Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$ 0.00 / 0		\$ 0.00 / 0		\$ 0.00 / 0	

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

NAME: American Pumping Service, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 6515 West Northview Glendale, Arizona 85301		MAILING ADDRESS: P.O. Box 6899 Glendale, Arizona 85312		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: N/A	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 01/26/2015		PERMIT EXPIRES: 01/26/2019	
SAMPLING LOCATION VERIFIED ON: 11/15/2017		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	0	0	0	1
Number of City Sampling Days	0	0	0	2
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:	04/13/2017	07/13/2017	10/12/2017	01/11/2018

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 | 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: American Pumping Service, Inc.

Process Flow: 7,771 gpd (Average)

General Information and type of wastewater treatment	<p>American Pumping specializes in batch treatment of commercial grease trap and residential septic waste. American Pumping's pretreatment system is a non-hazardous liquid waste dewatering system that consists of lime conditioning, polymer addition, and belt press dewatering. Discharge average is approximately 8,670 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: 52,978 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: 118,660 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 No

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Corning Gilbert Incorporated

Process Flow: 54,900 gpd (Average)

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

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Magellan Aerospace, Glendale, Inc.

Process Flow: 905 gpd (Average)

General Information and type of wastewater treatment	<p>Magellan Aerospace, Glendale, Inc. produces aluminum and magnesium parts by casting. Pretreatment system consists of treating chrome rinse water by reducing chrome III with SO₂, neutralizing, and filter pressing of the resulting sludge. Non chrome rinse baths are batch reduced then released. There is no discharge to the sewer from their casting quench operation. Flow and pH are monitored on a continuous basis.</p>
First Quarter	<p>Magellan Aerospace shall submit under permit special requirements a revised Slug Control Plan (SCP) by January 31, 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**

SECTION 2.2
CITY OF MESA

POTW PRETREATMENT ANNUAL REPORT

CITY OF MESA, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2017 through 12/31/2017

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

NPDES Permit Number: AZ0020524


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

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.

1/30/18
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 with more than 439,000 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, 2017 through December 31, 2017, 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 2,174 new and existing facilities in the commercial facilities database and 599 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 provided 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 drugs and in 2017, the City of Mesa collected 3,750 pounds of prescription/non-prescription drugs. 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
- City of Phoenix – Pretreatment Compliance Academy

Jim Lagrou - Inspector

- Annual Hazardous Waste Refresher
- Bloodborne Pathogens
- Hazardous Communication Right-to-Know
- Confined Space Training
- Western States - Verbal Judo

Gene Gonzales – Inspector

- Annual Hazardous Waste Refresher
- Bloodborne Pathogens
- Hazardous Communication Right-to-Know
- Confined Space Training
- NACWA Pretreatment Coordinators Conference
- Western States - Verbal Judo

Jimmy Hollingsworth – Inspector

- Annual Hazardous Waste Refresher
- Bloodborne Pathogen
- Hazardous Communication Right-to-Know
- Confined Space Training
- City of Phoenix – Pretreatment Compliance Academy

CITY OF MESA

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2017 – December 31, 2017 – Total Pretreatment Expenditures

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2016</u>	<u>FTEs 2017</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	317,357.00
Laboratory Services	14,900.00
Training	5,000.00
Other Services	<u>78,345.00</u>
Total	415,602.00

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2017</u>	<u>Total 2017</u>
Autosamplers	0	14
Flow Meters	0	7
pH Meters	0	4
Vehicles	0	6
Computers	0	5
Air Monitors	0	2
Cameras	0	5

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

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

ADDITIONS

The following Significant Industrial Users were added in 2017:

N/A

DELETIONS

The following Significant Industrial Users have ceased operations in 2017:

N/A

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2017:

Arizona Cast Turbines
3110 N Oakland
Mesa, Arizona 85215

NAME CHANGES

The following Significant Industrial Users changed their names in 2017:

	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, 2017			Categorical IUs: 3		Significant Non-Categorical IUs: 1	
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	No.	%	No.	%	No.	%
1. No. of SIUs in Full Compliance	3	100	1	100	4	100
2. No. of SIUs in Inconsistent Compliance	0	0	0	0	0	0
3. No. of SIUs in Significant Noncompliance	0	0	0	0	0	0
4. No. of Parameter Violations	0		0		0	
5. No. of Reporting Violations	0		0		0	
6. No. of Permit Condition Violations	0		0		0	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	1		0		4	
2. No. of Non-Sampling Inspections Conducted	4		0		4	
3. No. of Facilities Inspected (Non-sampling)	4		0		4	
4. No. of Sampling Visits Conducted	45		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	0		0		0	
2. Temporary Increase in IU Self Monitoring	0		0		0	
3. Administrative Orders Issued to SIUs	0		0		0	
4. Compliance Schedules Issued	0		0		0	
5. Settlement Agreements	0		0		0	
6. Other Actions	0		0		0	
7. Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$ 0.00 / 0		\$ 0.00 / 0		\$ 0.00 / 0	

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona Cast Turbine
 Process Flow: 334.17 GPD

General Information and type of wastewater treatment	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-471.31 and Mesa City Code.
First Quarter	On 1/10/17, IU emailed a process modification and change. On 1/12/17, the City of Mesa sent IU a Permit Extension. On 1/17/17, the City of Mesa conducted a Pre-Permit Inspection. On 1/30/17, the City of Mesa issued IU a new Wastewater Discharge Permit. On 3/20/17, the City of Mesa conducted 4 days of compliance sampling at Outfall 002.
Second Quarter	On 5/8/17, the City of Mesa conducted 4 days of compliance sampling at outfall 002. On 6/15/16, the IU submitted the June PRC with no deficiencies.
Third Quarter	On 8/15/17, the City of Mesa conducted 4 days of compliance sampling at outfall 002.
Fourth Quarter	On 10/10/17, the City of Mesa conducted 4 days of compliance sampling at outfall 002. On 12/13/17, the IU submitted December 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: Banner Desert Medical Center		REPORT PERIOD: 01/01/17 through 12/31/17		
SERVICE ADDRESS: 1400 S. Dobson Rd., Mesa Az. 85202		MAILING ADDRESS: Same		
CATEGORICAL USER?	40 CFR	LIMITS APPENDIX:	BMR SUBMITTED: N/A	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: February 15, 2015	PERMIT EXPIRES: February 14, 2020	
SAMPLING LOCATION VERIFIED ON: 11/30/16		RCRA NOTICE: 11/1987		
SLUG CONTROL PLAN EVALUATION DATE: 11/30/16				
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	0	0	0	0
Number of IU Sampling Days	0	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:	3/31/17	6/30/17	9/30/17	12/31/17

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: Banner Desert Medical Center
 Process Flow: 200,000 GPD

General Information and type of wastewater treatment	<p>This is a full-service hospital with 649 licensed beds, operating 24 hours a day, seven days per week. The hospital has approximately 3400 employees. This hospital performs three main specialties: Women's/children's services, medical/surgical services, and emergency services. Discharges occur during all hours of operation ranging from general hospital discharges, cooling tower, boiler, and chiller discharges, and kitchen wastewater discharges after it has been treated by a Grease Removal device (GRD).</p>
First Quarter	<p>No contact with IU</p>
Second Quarter	<p>On 6/14/17, the IU submitted the June PRC with no deficiencies.</p>
Third Quarter	<p>On 9/13/17, the City of Mesa conducted an Annual Compliance Inspection</p>
Fourth Quarter	<p>On 12/14/17, 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

ENFORCEMENT SUMMARY AND COMMENTS

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 1/17/17, the City of Mesa conducted 2-days of compliance sampling.</p>
Second Quarter	<p>On 6/14/17, the IU submitted the June PRC with no deficiencies.</p>
Third Quarter	<p>On 9/20/17, the City of Mesa conducted 2-days of compliance sampling.</p>
Fourth Quarter	<p>On 10/11/17, the City performed an Annual Compliance Inspection. On 10/11/17, the IU submitted an updated Pollution Prevention Plan (P2). On 12/14/17, the IU submitted the December PRC with no deficiencies.</p>

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

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

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

NAME: The Boeing Company		REPORT PERIOD: 01/01/ 17 through 12/31/17	
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: 06/14/2017		PERMIT EFFECTIVE: 02/02/2016	PERMIT EXPIRES: 02/01/2021
SAMPLING LOCATIONS VERIFIED ON: (001), 10/31/17 (002), 01/31/17 (003) 01/31/17		RCRA NOTICE: 11/1987	
SLUG CONTROL PLAN EVALUATION DATE: 5/8/2015			

	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	5	7	6
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:	03/31/2017	06/30/2017	09/30/2017	12/31/2017

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

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

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

Enforcement Status Codes

- | | | |
|-------------------------------|--------------------------------------|--|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper as Significant Violator in Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Automatic Increase in IU Self-Monitoring |
| C - Civil Action Filed | H - Permit Revocation | M - No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule | |
| 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 23, 2017, the City of Mesa performed 4 days of compliance monitoring at Outfall 002. On January 23, 2017, the City of Mesa performed 1 day of compliance monitoring at Outfall 003. On March 14, 2017, the City of Mesa performed 1 day of compliance monitoring at Outfall 003. On March 24, 2017, the City of Mesa performed 1 day of compliance monitoring at Outfall 003.</p>
Second Quarter	<p>On May 2, 2017, the City of Mesa performed 4 days of compliance monitoring at Outfall 002. On May 15, 2017, the City of Mesa performed 1 day of compliance monitoring at Outfall 003. On June 14, 2017, IU submitted June's 2017 PRC with no deficiencies. On June 28, 2017, IU submitted an updated P2 Plan.</p>
Third Quarter	<p>On July 13, 2017, the City of Mesa performed 4 days of compliance monitoring at Outfall 002. On July 31, 2017, the City of Mesa performed 1 day of compliance monitoring at Outfall 003.</p>
Fourth Quarter	<p>On October 30, 2017, the City of Mesa performed 1-day local limit compliance monitoring at Outfall 001. On October 10, 2017, the City of Mesa performed 4 days of compliance monitoring at Outfall 002. On November 27, 2017 the City of Mesa performed 1 day of compliance monitoring at Outfall 003. On November 28, 2017, performed an Annual Compliance Inspection. On December 14, 2017, IU submitted December's 2017 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 \$ 0.0

SECTION 2.3
CITY OF PHOENIX

POTW PRETREATMENT ANNUAL REPORT

CITY OF PHOENIX, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2017 through 12/31/2017

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

NPDES Permit Number: AZ0020559

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

Stephanie Long, Chief Water Quality Inspector
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.

2/15/2018
Date:


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



City of Phoenix

To: Karen Peters
Deputy City Manager

Date: February 12, 2018

From: Kathryn Sorensen *KS*
Water Services Director

Subject: DELEGATION OF AUTHORITY

I will be out of the office starting on Tuesday Feb. 13, 2018 at 8:00 a.m., and returning at 8:00 a.m. Friday, Feb. 16, 2018.

During my absence, Brandy Kelso, Assistant Water Services Director, is authorized to act on my behalf and to approve and sign all documents requiring my approval in accordance with Administrative Regulation 1.51.

Brandy Kelso can be reached at:
O:602-495-7676
C:602-769-6823

Authorized Signature:

A handwritten signature in black ink, appearing to read "Brandy Kelso", written over a horizontal line.

Brandy Kelso
Assistant Water Services Director

c: City Clerk
Finance Accounts
Finance Purchasing
Law

POTW PRETREATMENT ANNUAL REPORT

CITY OF PHOENIX, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2017 through 12/31/2017

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:

Stephanie Long, Chief Water Quality Inspector
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.

2/15/2018
Date:


Kathryn Sorensen
Water Services Department Director
City of Phoenix, Arizona



City of Phoenix

To: Karen Peters
Deputy City Manager

Date: February 12, 2018

From: Kathryn Sorensen *KS*
Water Services Director

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Authorized Signature:

A handwritten signature in black ink, appearing to read "Brandy Kelso", written over a horizontal line.

Brandy Kelso
Assistant Water Services Director

c: City Clerk
Finance Accounts
Finance Purchasing
Law



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 6th 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 \$47,000. About 23% 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 7,000 miles of water lines, 5,000 miles of sewer lines, eight treatment plants, 50,000 fire hydrants and 90,000 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 2017.

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	1505
Construction Inspections	125
SSO Investigations - Residential Areas	15
SSO Investigations - Commercial/Industrial Areas	11
Routine/Educational Stormwater Inspections	1076
Notices of Violation	20
Back Billing for Damages	\$ 0.00
Plans Reviewed for Pretreatment	968

▪ **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, 2016 through December 31, 2016 are summarized below.

▪ **General Community Outreach / Education**

- This year, the Commercial Inspections/FOG Section distributed literature which was developed in partnership with the Stormwater Management Section. The literature targets restaurants and highlights the importance of properly handling FOG, cleaning agents, food waste, trash and garbage to reduce pollution directed to the sanitary sewer and to prevent overflow into the stormwater system.
- The Industrial Pretreatment Section and Commercial Inspections/FOG Section conduct educational outreach in conjunction with Stormwater Management and Water Conservation staff. Outreach activities focus on educating industry and the public about the impacts that can result when FOG, oil, antifreeze, pesticides, herbicides, paints, solvents, pharmaceuticals, detergents, or other potentially harmful chemicals are dumped into drains. Materials such as brochures, flyers, posters, P2 promotional items, and graphics are used to support the educational/outreach program. P2 games and materials are taken to environmental conferences, trade shows, various community events, and public schools where information is distributed and visitors can test their pollution prevention knowledge.

Community Outreach Events			
Event	Organizer	Date	Attendees
Chinese Culture & Cuisine Festival	Phoenix Chinese Week	02/12/2017	2,000
Phoenix Water Festival	Brett Tarver Elementary School	03/21/2017	360 Students
Aqua STEM Program	Arizona Project WET	11/09/2017	500 students

▪ **Industrial Education and Outreach**

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 2017, 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 March 22, 2017	<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 	56
Wastewater Compliance Sampling	Water Services Building May 24, 2017		53
Laboratory Analytical Issues	Water Services Building June 27, 2017		45
Enforcement	Water Services Building July 25, 2017		47
Pollution Prevention (P2)	Water Services Building September 28, 2017		42
Stormwater Compliance Overview	Water Services Building November 29, 2017		45

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 2017, 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	Pesticides 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
Contact Coatings, LLC	1930 West Quail Avenue, Suite B	Metal Finishing PSNS
Perma-Finish, Inc.	74 North 45th Avenue	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

Training and Participation in Conferences and Workshops

▪ **Individual Training:**

Staff members continue to actively take both personal growth and productivity courses from various educational and training resources. To broaden their education, some inspectors take self-study courses (developed by California State University, Sacramento) for wastewater or water treatment operations certification.

▪ **Group Training:**

Program staff regularly participates in the USEPA Pretreatment 101 Series Webcasts, In-House Inspector Training, and water conferences and workshops as they are offered.

The entire division participates in internal training and safety briefs such as: Hazard Communication, Fire, Evacuation, and Job Safety; CERCLA and Handling Spills; Oil & Waste Handling; Lab Safety, Bloodborne Pathogens, and Personal Protective Equipment; Heat Stress; Security Threat Levels; Emergency Response Plan; Fire Prevention; Bomb Threats; Reporting Suspicious Incidents; Information Technology Security; Workplace Violence Prevention and Active Shooter; Eye Protection; Safe Driving Awareness; Temporary Traffic Control and Barricading; Ladders and Fall Protection; Hazardous Energy and Building Materials; First Aid, CPR, AED, and Bloodborne Pathogens Awareness; Clean Water Act Section 404 Basic Awareness; Ethics

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 2017. 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 Progress and Training:**

The City of Phoenix Environmental Services Division continues to work towards attaining the field sampling accreditation with National Environmental Field Activities Program (NEFAP). Standard operating procedures (SOPs) have been developed for sampling and pretreatment program protocols and use of equipment. SOPs and controlled forms are reviewed and revised on an annual basis. Documented SOP training is provided followed by periodic demonstration of proficiency.

City of Phoenix
2017 Published Pretreatment Enforcement Actions

	Industrial User Name	SNC?	40 CFR	Violations	Show Cause Hearing Date	Penalty Collected	Newspaper Publication Fee	PSA/CD
1	Cassavant Assembly & Processing, LLC	Yes		Late Reporting – 24-Hour Notification Report submitted greater than 30-days late during 1 st Quarter	Compliance Review Meeting	\$ 0	\$ 0.00	0000000-0
2	FlipChip International, LLC	Yes		Late Reporting – 24-Hour Notification Report submitted greater than 30-days late during 3 rd Quarter	9/20/2017	\$11,733.00	\$ 1,000.00	146889-0
3						\$ 0	\$ 0.00	0000000-0
4						\$ 0	\$ 0.00	0000000-0
5						\$ 0	\$ 0.00	0000000-0
6						\$ 0	\$ 0.00	0000000-0
7						\$ 0	\$ 0.00	0000000-0
2017 TOTAL						\$ 12,733.00		

CITY OF PHOENIX

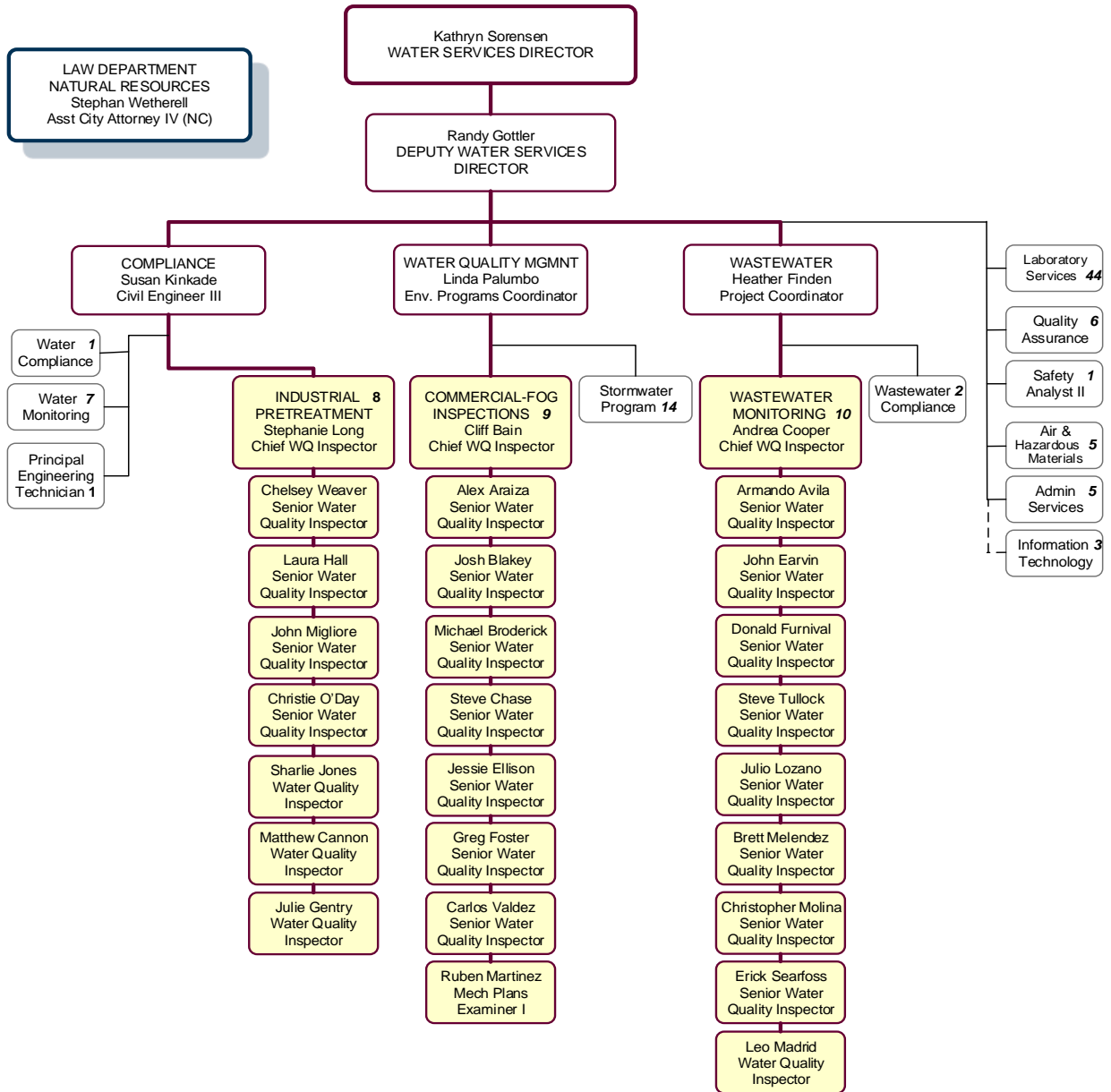
SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES		
January 1, 2017 – December 31, 2017 – Total Pretreatment Expenditures \$ 4,627,959		
PRETREATMENT PROGRAM EXPENDITURES		
Personnel	\$	2,418,314
Operations & Maintenance	\$	262,458
Laboratory	\$	1,947,187
Equipment	\$	-
Vehicles	\$	-
PRETREATMENT PROGRAM EQUIPMENT INVENTORY		
<u>Equipment Name</u>	<u>Purchased 2017</u>	<u>Total 2017</u>
Photo Ionization Detector	0	1
Flow Meters	2	26
Auto Samplers	4	26
Turbidimeters	0	3
pH/DO/Conductivity Meters	1	5
Chlorine Colorimeters	0	3
Air Movers	0	4
Confined Space Harnesses	3	6
Air/Gas Detectors	3	8
Cameras	0	18
Night Vision Cameras	0	1
Pole Cameras	0	2
CCTV Sewer Camera	0	1
Computer Monitors	0	30
Computers	0	27
Printers	0	3
PRETREATMENT PROGRAM VEHICLE INVENTORY		
<u>Equipment Name</u>	<u>Purchased 2017</u>	<u>Total 2017</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". ² Vehicle pool sedans which are used for inspections of industrial facilities are shared by all staff located on the 23rd Avenue WWTP.		

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2016</u>	<u>FTEs 2017</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	19	19
Water Quality Inspectors	4.0	4.0
Inspector Vacancies	0	0
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.

CITY OF PHOENIX PRETREATMENT PROGRAM ORGANIZATION CHART



	COMPANY NAME AND ADDRESS		WWTP	SIC Code	Regulation
1.	A-1 Restaurant Services 1095 West Magnolia Street Phoenix, Arizona 85007	TERMINATED	91st Avenue	4953	City Code
2.	AAA Ajax Pumping Service, Inc. 2433 South 7th Avenue Phoenix, Arizona 85007-4302		91st Avenue	4953	City Code
3.	Abrazo Central Campus 2000 West Bethany Home Road Phoenix, Arizona 85015		23rd Avenue	8062	City Code
4.	Abrazo Maryvale Campus 5102 West Campbell Avenue Phoenix, Arizona 85031	TERMINATED	91st Avenue	8062	City Code
5.	Abrazo Scottsdale Campus 3929 East Bell Road Phoenix, Arizona 85032-2112		91st Avenue	8062	City Code
6.	Allied Tube & Conduit Corporation 2525 North 27th Avenue Phoenix, Arizona 85009-1710		23rd Avenue	3317	433.17
7.	AlSCO, Inc. 4707 West Camelback Road Phoenix, Arizona 85031		91st Avenue	7218	City Code
8.	Ameripride Services Inc. 6025 West Van Buren Street Phoenix, Arizona 85043-3509		91st Avenue	7213	City Code
9.	Angelica Corporation 4410 West Mohave Avenue Phoenix, Arizona 85043-8304		91st Avenue	7218	City Code
10.	APS BioGroup, Inc. 2235 South Central Avenue Phoenix, Arizona 85004-2909		23 rd Avenue	2023	City Code & 439.47
11.	APS West Phoenix Power Plant 4606 West Hadley Street Phoenix, Arizona 85043-3933		91st Avenue	4911	423.16
12.	Aramark Uniform and Career Apparel, Inc. 3836 West Buckeye Road # F Phoenix, Arizona 85009		91st Avenue	7218	City Code
13.	Arizona Foods Group 2517 East Chambers Street Phoenix, Arizona 85040-3640		91st Avenue	3674	City Code
14.	Arizona Precision Sheet Metal, Inc. 2140 West Pinnacle Peak Road Phoenix, Arizona 85027-1200		91st Avenue	3444	433.17
15.	ASM America Inc.-University Drive Plant 3440 East University Drive Phoenix, Arizona 85034-7200		91st Avenue	3674	469.18
16.	Avanti Circuits, Inc. 17650 North 25th Avenue - Suite #5 Phoenix, Arizona 85023		91st Avenue	3672	433.17
17.	Baker Commodities, Inc. (Elwood) 3602 West Elwood Street Phoenix, Arizona 85009		91st Avenue	2077	City Code
18.	Banner Estrella Medical Center 9201 West Thomas Road Phoenix, Arizona 85035		91st Avenue	8062	City Code

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
19.	Banner Health – Banner University Medical Center Phoenix Campus 1111 East McDowell Road Phoenix, Arizona 85006-2612	23rd Avenue	8062	City Code
20.	Café Valley, Inc. 7000 West Buckeye Road Phoenix, Arizona 85043-4306	91st Avenue	2050	City Code
21.	Carl T. Hayden Medical Center 650 East Indian School Road Phoenix, Arizona 85012-1892	23rd Avenue	8062	City Code
22.	Cassavant Assembly & Processing, LLC. 3725 East Atlanta Avenue Phoenix, Arizona 85040-2960	91st Avenue	3471	433.17
23.	Celgene Corporation 620 North 51 st Avenue Phoenix, Arizona 85043-2702	91st Avenue	2834	439.47
24.	Certified Inspection Service Company, Inc. 21 South 41 st Street Phoenix, Arizona 85034	23rd Avenue	3479	433.17
25.	ChemResearch Co., Inc. 1130 West Hilton Avenue Phoenix, Arizona 85007-4306	23rd Avenue	3471	433.17
26.	Chromalloy Arizona 5161 West Polk Street Phoenix, Arizona 85043	91st Avenue	7699	433.17
27.	Cintas Corporation 5501 West Hadley Street Phoenix, Arizona 85043	91st Avenue	7218	City Code
28.	Cintas Corporation – Roosevelt Street 4804 West Roosevelt Street Phoenix, Arizona 85043	91st Avenue	7218	City Code
29.	CleanPart Southwest LLC 3844 East University Drive Phoenix, Arizona 85034-7221	91st Avenue	3479	433.17
30.	Crothall Laundry Services Inc.- The Commercial Linen Exchange 4445 South 36 th Street Phoenix, Arizona 85040	91st Avenue	7213	City Code
31.	Dignity Health –St. Joseph's Hospital & Medical Center 350 West Thomas Road Phoenix, Arizona 85013-4409	23rd Avenue	8062	City Code
32.	District Photo, Inc. 2500 East Chamber Street Phoenix, Arizona 85040-3639	91st Avenue	7384	City Code
33.	DS Services of America, Inc. 3302 West Earl Drive Phoenix, Arizona 85017	91st Avenue	2086	City Code
34.	Dunn-Edwards Corporation 520 South 67 th Avenue Phoenix, Arizona 85043-4432	91st Avenue	2851	City Code
35.	Entrepix, Inc. 4717 East Hilton Avenue Phoenix, Arizona 85034-6404	91st Avenue	3674	469.18

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
36.	FlipChip International, LLC 3701 East University Drive Phoenix, Arizona 85034	91st Avenue	3674	469.18
37.	FM Industries, Inc. Building "D" 2104 West Roosevelt Street Phoenix, Arizona 85009-3703	23rd Avenue	3471	433.17
38.	Futureweld Company, Inc. 3518 East Wood Street Phoenix, Arizona 85040	91st Avenue	3471	433.17
39.	G&K Services, Inc. TERMINATED 4804 West Roosevelt Street Phoenix, Arizona 85043	91st Avenue	7218	City Code
40.	Gregory Packaging, Inc. 439 South 55th Avenue Phoenix, Arizona 85043-4621	91st Avenue	2033	City Code
41.	Hadrian Inc. 3602 West Washington Street Phoenix, Arizona 85009-4767	91st Avenue	3471	433.17
42.	Heligear Acquisition Co.- D-Velco Manufacturing of Arizona, Inc. 401 South 36th Street Phoenix, Arizona 85034-2812	23rd Avenue	3599	433.17
43.	Heligear Acquisition Co.- Northstar Aerospace (Phoenix) 300 South 23 rd Street Phoenix, Arizona 85034-2500	23rd Avenue	3599	433.17
44.	Holsum Bakery, Inc. 2322 West Lincoln Street Phoenix, Arizona 85009	23rd Avenue	2051	City Code
45.	Honeywell International Inc. Former Peoria Avenue Facility/EW-1 2305 West Mercer Lane Phoenix, Arizona 85051	91st Avenue	9999	City Code
46.	Honeywell International, Inc. Former Peoria Avenue Facility/MW-10 2251 West Sierra Street Phoenix, Arizona 85029	91st Avenue	9999	City Code
47.	Honeywell International, Inc. Honeywell Aerospace – Deer Valley 21111 North 19 th Avenue Phoenix, Arizona 85027-2708	91st Avenue	3812	469.18
48.	Honeywell International, Inc. Honeywell Aerospace – Phoenix R&O 1944 East Sky Harbor Circle Northwest Phoenix, Arizona 85034-3442	23rd Avenue	3728	433.17
49.	Honeywell International, Inc. Honeywell Engines Product Center 111 South 34 th Street Phoenix, Arizona 85034-2802	23rd Avenue	3471	433.17
50.	HonorHealth Deer Valley Medical Center 19829 North 27 th Avenue Phoenix, Arizona 85027-4001	91st Avenue	8062	City Code
51.	HonorHealth John C. Lincoln Hospital North Mountain 250 East Dunlap Avenue Phoenix, Arizona 85020-2825	23rd Avenue	8062	City Code

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
52.	IASIS Health Care - Saint Luke's Medical Center 1800 East Van Buren Street Phoenix, Arizona 85006-3742	23rd Avenue	8062	City Code
53.	Liquid Environmental Solutions of Arizona, LLC 5159 West Van Buren Street Phoenix, Arizona 85043	91st Avenue	4953	437.47
54.	Liquid Environmental Solutions of Arizona, LLC Magnolia Street 1095 West Magnolia Street Phoenix, Arizona 85007	91st Avenue	4953	City Code
55.	Maricopa Integrated Health System 2601 East Roosevelt Street Phoenix, Arizona 85008	23rd Avenue	8062	City Code
56.	Marlyn Nutraceuticals - Naturally Vitamins 4404 East Elwood Street Phoenix, Arizona 85040	91st Avenue	2834	439.47
57.	Mastel Linen, Inc. 2940 West Virginia Ave Phoenix, Arizona 85009-1607	23rd Avenue	7218	City Code
58.	Mayo Clinic Arizona – Mayo Clinic Hospital 5777 East Mayo Boulevard Phoenix, Arizona 85054-4502	91st Avenue	8062	City Code
59.	Mega Metals 1325 North 22nd Avenue Phoenix, Arizona 85009-3714	23rd Avenue	5093	421 .306(m)
60.	Metco Metal Finishing, LLC 3508 East Corona Avenue Phoenix, Arizona 85040-2842	91st Avenue	3471	433.17
61.	Milum Textile Services 333 North 7 th Avenue Phoenix, Arizona 85007-2533	23rd Avenue	7218	City Code
62.	Mission Linen Supply, Inc. 2652 South 16 th Street Phoenix, Arizona 85034	23rd Avenue	7213	City Code
63.	Mistras Arizona Inspection Services, Inc. 3027 East Washington Street Phoenix, Arizona 85034-1517	23rd Avenue	3764	433.17
64.	Modern Industries, Inc. 4755 East Beautiful Lane Phoenix, Arizona 85044	91st Avenue	3471	433.17
65.	MPP Group of Companies 230 South 49th Avenue Phoenix, Arizona 85043-3905	91st Avenue	3471	433.17
66.	Niagara Bottling, LLC 275 South 67th Avenue Phoenix, Arizona 85043	91st Avenue	2086	City Code
67.	NXP USA, Inc. 52nd ST Superfund Site OU 1 5005 East McDowell Road Phoenix, Arizona 85008	91st Avenue	9999	City Code
68.	One Camelback Inc. 1 East Camelback Road Phoenix, Arizona 85043-1668	23rd Avenue	9999	City Code
69.	PAS Technologies, Incorporated 1021 North 22 nd Avenue Phoenix, Arizona 85009	23rd Avenue	3471	433.17

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
70.	PepsiCo - Bottling Group, LLC 4242 East Raymond Street Phoenix, Arizona 85040	91st Avenue	2086	City Code
71.	Phoenix Children's Hospital 1919 East Thomas Road Phoenix, Arizona 85016	23rd Avenue	8062	City Code
72.	Phoenix Heat Treating, Inc. ZERO DISCHARGER 2405 West Mohave Street Phoenix, Arizona 85009-6413	91st Avenue	3398	433.17
73.	Phoenix Indian Medical Center 4212 North 16 th Street Phoenix, Arizona 85016-5319	23rd Avenue	8062	City Code
74.	Phoenix Manufacturing, Inc. 3655 East Roeser Road Phoenix, Arizona 85040-3968	91st Avenue	3585	433.15
75.	Prudential Overall Supply 5102 West Roosevelt Street Phoenix, Arizona 85043	91st Avenue	7218	City Code
76.	Quantum Global Technologies, LLC 2101 West Roosevelt Street Phoenix, Arizona 85009	23rd Avenue	7699	433.17
77.	Quantum Global Technologies, LLC dba Quantum Clean 3925 East Watkins Street, Suite 100 Phoenix, Arizona 85034	91st Avenue	3479	433.17
78.	Rexam Beverage Can Company 211 North 51 st Avenue Phoenix, Arizona 85043-3704	91st Avenue	3411	465.45
79.	Safeway Phoenix Ice Cream Plant 2434 East Pecan Road Phoenix, Arizona 85040	91st Avenue	3674	City Code
80.	Sapa Extrusions North America – Extrusion Operation, Plant 1 249 South 51 st Avenue Phoenix Arizona 85043-3715	91st Avenue	3354	467.35
81.	Sapa Extrusions North America – Extrusion Operation, Plant 2 50 South 49 th Avenue Phoenix Arizona 85043-3825	91st Avenue	3354	467.35
82.	Sapa Extrusions North America – Remelt Operation 249 South 51 st Avenue Phoenix Arizona 85043-3715	91st Avenue	3354	467.35
83.	Sav-On Plating, Inc. 17 West Watkins Street Phoenix, Arizona 85003-2824	23rd Avenue	3471	433.17
84.	SemiRay Inspection Services, Inc. TERMINATED 3027 East Washington Street Phoenix, Arizona 85034-1517	23rd Avenue	3764	433.17
85.	Shamrock Foods Company – Dairy Division 2228 North Black Canyon Highway Phoenix, Arizona 85009-2707	23rd Avenue	2026	City Code
86.	Shearer's Foods, LLC – Barrel 0' Fun Snack Foods Southwest 7330 West Sherman Street Phoenix, Arizona 85043-4751	91st Avenue	2096	City Code

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
87.	Signetix, Inc. 2611 South 7 th Street, Suite 101 Phoenix, Arizona 85034-6523	91st Avenue	3479	433.17
88.	SkyChefs-Inc. – LSG SkyChefs 1451 South 23 rd Street Phoenix, Arizona 85034	23rd Avenue	5812	City Code
89.	Specialty Textile Services 720 West Buchanan Street Phoenix, Arizona 85007-3405	23rd Avenue	7218	City Code
90.	SUMCO Southwest Corporation 19801 North Tatum Boulevard Phoenix, Arizona 85050-4201	91st Avenue	3674	469.28
91.	Sumika Electronic Materials 3832 East Watkins Street Phoenix, Arizona 85034	91st Avenue	3674	469.18
92.	The Proctor & Gamble Company 2050 South 35 th Avenue Phoenix, Arizona 85009	91st Avenue	2834	439.46
93.	UniFirst Corporation 104 North 14 th Street Phoenix, Arizona 85034-1114	23rd Avenue	7218	City Code
94.	Upper Crust Bakery 3655 West Washington Street Phoenix, Arizona 85009-4759	91st Avenue	2051	City Code
95.	Valkyrie Industries, Inc. 6033 West Sherman Street Phoenix, Arizona 85043	91st Avenue	3471	433.17
96.	World Resources Company 8113 West Sherman Street Phoenix, Arizona 85353-4025	91st Avenue	3399	City Code

ADDITIONS

The following Significant Industrial Users were added in 2017:

Mistras Arizona Inspection Services, Inc.
3027 East Washington Street
Phoenix, Arizona 85034-1517

Liquid Environmental Solutions of Arizona L.L.C.- Magnolia Street
1095 West Magnolia Street
Phoenix, Arizona 85007-4508

APS BioGroup, Inc.
2235 South Central Avenue
Phoenix, Arizona 85004-2909

Cintas Corporation – Roosevelt Street
4804 West Roosevelt Street
Phoenix, Arizona 85043

Upper Crust Bakery
3655 West Washington Street
Phoenix, Arizona 85009-4759

DELETIONS

The following Significant Industrial Users have ceased operations in 2017:

Semi Ray Inspection Services, Inc.
Semiray Special Process Division
3027 East Washington Street
Phoenix, Arizona 85034-1517

A-1 Restaurant Services, L.L.C
1095 West Magnolia Street
Phoenix, Arizona 85007-4508

G&K Services, Inc.
4804 West Roosevelt Street
Phoenix, Arizona 85043

Abrazo Maryvale Campus
5102 West Campbell Avenue
Phoenix, Arizona 85031

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2017:

Phoenix Heat Treating, Inc. 2405 West Mohave Street Phoenix, Arizona 85009-6413	RECLASSIFIED TO	ZERO DISCHARGER
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NAME CHANGES

The following Significant Industrial Users changed their names in 2017:

Banner Good Samaritan Medical Center 1111 East McDowell Road Phoenix, Arizona 85006-2612	IS NOW	Banner Health – Banner University Medical Center Phoenix Campus 1111 East McDowell Road Phoenix, Arizona 85006-2612
John C Lincoln Hospital - Deer Valley 19829 North 27th Avenue Phoenix Arizona 85027-4001	IS NOW	HonorHealth Deer Valley Medical Center 19829 North 27th Avenue Phoenix Arizona 85027-4001
John C. Lincoln Hospital- North Mountain 250 East Dunlap Avenue Phoenix, Arizona 85020-2825	IS NOW	HonorHealth John C. Lincoln Hospital North Mountain 250 East Dunlap Avenue Phoenix, Arizona 85020-2825

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) 534-1439			
Reporting Period: January 1 – December 31, 2017			Categorical IUs: 15		Significant Non-Categorical IUs: 18		
II. Significant Industrial User Compliance							
		Categorical		Non-categorical		Total SIUs	
		No	%	No	%	No	%
1.	No. of SIUs in Full Compliance	12	80	10	56	22	67
2.	No. of SIUs in Inconsistent Compliance	3	20	8	44	11	33
3.	No. of SIUs in Significant Noncompliance	0	0	0	0	0	0
4.	No. of Parameter Violations	5		6		11	
5.	No. of Reporting Violations	0		5		5	
6.	No. of Permit Condition Violations	0		1		1	
III. Compliance Monitoring Program							
		Categorical		Non-categorical		Total SIUs	
		No	%	No	%	No	%
1.	No. of Control Documents Issued	15		18		33	
2.	No. of Nonsampling Inspections Conducted	19		26		45	
3.	No. of Facilities Inspected (Nonsampling)	15		18		33	
4.	No. of Sampling Visits Conducted	141		183		324	
5.	No. of Facilities Sampled	15		18		33	
IV. Enforcement Actions							
		Categorical		Non-categorical		Total SIUs	
		No	%	No	%	No	%
1.	Notices of Violations Issued to SIUs	3		9		12	
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) 534-1439		
Reporting Period: January 1 – December 31, 2017			Categorical IUs: 45		Significant Non-Categorical IUs: 51	
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	No	%	No	%	No	%
1. No. of SIUs in Full Compliance	29	64	29	57	58	60
2. No. of SIUs in Inconsistent Compliance	14	31	22	43	36	38
3. No. of SIUs in Significant Noncompliance	2	4	0	0	2	2
4. No. of Parameter Violations	40		19		59	
5. No. of Reporting Violations	11		12		23	
6. No. of Permit Condition Violations	4		7		11	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	45		51		96	
2. No. of Nonsampling Inspections Conducted	52		64		116	
3. No. of Facilities Inspected (Nonsampling)	45		49		94	
4. No. of Sampling Visits Conducted	421		513		934	
5. No. of Facilities Sampled	45		50		95	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
1. Notices of Violations Issued to SIUs	38		39		77	
2. Temporary Increase in IU Self Monitoring	11		12		33	
3. Administrative Orders Issued to SIUs	0		0		0	
4. Compliance Schedules Issued	0		0		0	
5. Settlement Agreements	1		0		1	
6. Other Actions	1		1		2	
7. Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$ 11,733.00 / \$11,733.00		\$ 0 / 0		\$ 11,733.00 / \$11,733.00	

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

NAME: A-1 Restaurant Services		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 1095 West Magnolia Street Phoenix, Arizona 85007		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 03/17/2006	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 06/01/2016	PERMIT EXPIRES: 12/31/2020	
SAMPLING LOCATION VERIFIED ON: 03/16/2017		RCRA NOTICE: 12/20/2010		
SLUG CONTROL PLAN EVALUATION DATE: 03/16/2017		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	1	0	0	0
Number of City Sampling Days	2	2	0	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	1	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	04/26/2017	07/28/2017	10/27/2017	1/26/2018

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	Reporting	03/29/2017	N/A	N/A	N/A	Late SMR		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	A	N	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: A-1 Restaurant Services

Process Flow: 27,314 (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	
Second Quarter	<p>An NOV for Late Reporting – late Self-Monitoring Report was issued on 04/04/2017, to A-1 Restaurant Services. The February 2017 SMR submitted by A-1 was due by 03/28/2017 but was received on 03/30/2017, two days late. All requirements were resolved.</p>
Third Quarter	
Fourth Quarter	<p>On 12/20/2017, the permit for A-1 Restaurant Services was terminated. Liquid Environmental Solutions of Arizona bought the facility as of 12/21/2017. The facility is now permitted under the name Liquid Environmental Solutions of Arizona LLC – Magnolia Street.</p>

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

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

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

NAME: AAA Ajax Pumping Service, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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		Amended PERMIT EFFECTIVE: 09/01/2016	PERMIT EXPIRES: 09/30/2018	
SAMPLING LOCATION VERIFIED ON: 09/12/2017		RCRA NOTICE: 12/07/1998		
SLUG CONTROL PLAN EVALUATION DATE: 09/12/2017		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	1	0
Number of City Sampling Days	3	3	4	1
Number of IU Sampling Days	4	6	6	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	1	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	05/05/2017	07/31/2017	11/3/2017	01/24/2018

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	Permit Condition	03/31/2017	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			N	A	N	N		

Enforcement Status Codes

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: AAA Ajax Pumping Service, Inc.

Process Flow: 22517 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	<p>On 5/12/17, the City became aware of a failure to sample violation for Oil & Grease during the 1st quarter of 2017. An NOV was issued on 5/15/2017. All requirements of the NOV were met.</p>
Third Quarter	
Fourth Quarter	

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

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

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

NAME: Abrazo Central Campus (Phoenix Baptist Hospital)		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 10/06/2017		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: N/A		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	0	0	1	1
Number of City Sampling Days	3	2	4	0
Number of IU Sampling Days	1	1	1	1
Number of Parameter Violations	0	0	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	04/26/2017	07/28/2017	10/26/2017	01/24/2018

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
4 th	Effluent	12/29/2017	Grab	Federal	IU	pH 24-Hour Notification	11.29/10.5 S.U.	16
4 th	Reporting	12/30/2017	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: Abrazo Central Campus (Phoenix Baptist Hospital)

Process Flow: 50,645 (GPD) Average

General Information and type of wastewater treatment	<p>This facility is a 216 bed hospital that provides cardiovascular care, orthopedics, women's services, radiology, 24-hour emergency services, outpatient surgery, laboratories and on-site food services. The major sources of discharge are from patient rooms, cafeteria, surgical suites, and laboratories. The pretreatment system consists of a 25/50 grease trap for a 3 compartment sink in the kitchen and a 15/30 grease trap for a drain in the tallow bin area. Waste oils, acids and caustics, waste laboratory chemicals and biohazard wastes are collected in containment drums and shipped off site by a contractor for proper disposal.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On January 25, 2018 the City of Phoenix was made aware of a pH exceedance that occurred on 12/29/2017; an NOV for effluent and late reporting is currently being drafted.</p>

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

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

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

NAME: Abrazo Maryvale Campus		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS:	5102 West Campbell Avenue Phoenix, Arizona 85031-1703	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: 07/01/2015	PERMIT EXPIRES: 12/18/2017	
SAMPLING LOCATION VERIFIED ON: 12/13/2017		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 10/12/2017		COMPLIANCE SAMPLING POINT No: 5398.01, 5398.02		
	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	2
Number of City Sampling Days	3	2	3	0
Number of IU Sampling Days	1	2	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:	04/28/2107	08/02/2017	11/03/2017	01/24/2018

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
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

- 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: Abrazo Maryvale Campus
 Process Flow: 30.546 GPD (Average)

General Information and type of wastewater treatment	<p>This is a full service hospital licensed for 248 beds. The facility provides community patient health care including emergency services, surgical operations, laboratory processes, dry (digital) x-ray services, general patient healthcare and onsite food services. The only pretreatment devices are the lime-acid neutralization canisters under the sinks in the laboratory, the grease traps in the food preparation areas and the lift station in the boiler room.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>Abrazo Maryvale Campus was closed for business and Permit 1507-5398 was terminated on 12/18/2017. Unregulated wastewater from boilers, chillers, cooling towers, and sanitary waste will continue to be discharged through the Compliance Sampling Points until the facility is sold.</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: Abrazo Scottsdale Campus

Process Flow: 46,785 (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	

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: Allied Tube & Conduit Corporation			REPORT PERIOD: 01/01/2017 through 12/31/2017	
SERVICE ADDRESS: 2525 North 27th Avenue Phoenix Arizona 85009-1710		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 420.106	LIMITS APPENDIX: C	BMR SUBMITTED: 06/25/2003	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 02/01/2017		PERMIT EXPIRES: 01/31/2022	
SAMPLING LOCATION VERIFIED ON: 03/27/2017	RCRA NOTICE: 10/24/2003			
SLUG CONTROL PLAN EVALUATION DATE: 12/13/2017	COMPLIANCE SAMPLING POINT №: 5378.02			
	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	2	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:	04/10/2017	07/17/2017	10/13/2017	01/10/2018

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 | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) For Year Ending December 31, 2017 | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Allied Tube & Conduit Corporation
 Process Flow: 927 (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.</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	<p>Permit 0811-5378 was administratively continued due to appeal and revocation of Permit 1404-5378 which included category reclassification from Metal Finishing to Iron and Steel Manufacturing. Permit 1702-5378 was renewed and issued on 01/18/2017 and became effective on 02/01/2017. Permit 1702-5378 includes category reclassification from Metal Finishing to Iron and Steel Manufacturing.</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: Alco Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 03/01/2017		RCRA NOTICE: 12/10/2010		
SLUG CONTROL PLAN EVALUATION DATE: 03/01/2017		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	0	0
Number of City Sampling Days	3	5	4	2
Number of IU Sampling Days	4	4	3	3
Number of Parameter Violations	0	0	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	05/05/2017	07/25/2017	11/03/2017	01/26/2018

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
4 th	Parameter	12/13/2017	Grab	City	IU	pH (Instantaneous)	3.13/5.0 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			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: AlSCO Inc
 Process Flow: 76,777 GPD (Average)

General Information and type of wastewater treatment	This facility is an industrial laundry service provider without any dry cleaning operations. Wastewater treatment consists of stream segregation, screening, pH neutralization, physical separation, and sedimentation.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	On 12/13/2017, the City became aware of a pH violation that occurred on 12/13/2017. An NOV was issued on 12/20/2017 and an inspection was conducted on 01/03/2018. All requirements of the NOV were met.

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

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

NAME: AmeriPride Services, Inc.			REPORT PERIOD: 01/01/2017 through 12/31/2017	
SERVICE ADDRESS: 6025 West Van Buren Street Phoenix, Arizona 85053-3509		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: N/A	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 07/01/2013		PERMIT EXPIRES: 06/30/2018	
SAMPLING LOCATION VERIFIED ON: 08/23/2017		RCRA NOTICE: 06/30/1998		
SLUG CONTROL PLAN EVALUATION DATE: 08/23/2017		COMPLIANCE SAMPLING POINT №: 5397.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	4	3	3	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:	04/26/2017	07/25/2017	10/26/2017	01/24/2018

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: AmeriPride Services, Inc.

Process Flow: 100585 (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: 96,497 (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	
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: 01/01/2017 through 12/31/2017	
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: 11/28/2017		RCRA NOTICE: 10/18/2017		
SLUG CONTROL PLAN EVALUATION DATE: 11/06/2017		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				2
Number of City Sampling Days				4
Number of IU Sampling Days				1
Number of Parameter Violations				1
Number of Inspection Violations				0
Number of Reporting Violations				0
Number of Permit Cond. Violations				0
Compliance Status				I
Evaluated as of:				01/25/2018

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
4 th	Effluent	12/20/2017	Grab	City	City	pH	10.9/10.5 SU	5
			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, 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: APS BioGroup, Inc

Process Flow: 50,439 (GPD) Average

General Information and type of wastewater treatment	<p>APS BioGroup Inc. produces a wide range of bulk colostrum products as well as consumer ready packaged products in the form of capsules, tablets, individual sachets and packaged powders. Furthermore, APS BioGroup Inc. manufactures 200+ non-colostrum private label health supplements produced from over 500+ inventoried ingredients.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/20/2017 the City became aware of a pH violation during field sampling that occurred on 12/20/2017. A field NOV was issued on 12/20/2017 and a TISM was issued on 12/22/2017. All requirements of the NOV and TISM were met.</p>

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: APS West Phoenix Power Plant

Process Flow: 242,041 (GPD) Average

General Information and type of wastewater treatment	
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.	
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: Aramark Uniform and Career Apparel, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 3836 West Buckeye Road, Bldg F Phoenix, AZ 85009-5421		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 02/28/1990	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 04/01/2017		PERMIT EXPIRES: 03/31/2022	
SAMPLING LOCATION VERIFIED ON: 05/17/2017		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 05/16/2017		COMPLIANCE SAMPLING POINT No: 2180.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	4	3	3	4
Number of IU Sampling Days	0	0	0	0
Number of Parameter Violations	0	2	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:	04/28/2017	07/28/2017	10/27/2017	01/19/2018

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	Parameter	6/15/2017	Grab	City	City	pH	10.7/10.5 S.U.	40
2nd	Parameter	6/28/2017	Grab	City	IU	pH	10.56/10.5 S.U.	36

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

Enforcement Status Codes

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Aramark Uniform and Career Apparel, Inc.

Process Flow: 102,886 GPD (Average)

General Information and type of wastewater treatment	This is a large industrial laundry. Wastewater treatment consists of pH neutralization and diffused air flotation
First Quarter	
Second Quarter	On 06/15/2017 the City became aware of a pH violation and a field NOV was issued by the City of Phoenix. An NOV, 30-day Resample, and TISM were issued on 06/19/2017. The IU met all requirements.
Third Quarter	On 06/29/2017, the City was notified of a pH exceedance that occurred on 06/28/2017, and an NOV was issued on 07/07/2017. All requirements of the NOV were met.
Fourth Quarter	

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

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

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

NAME: Arizona Foods Group, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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	
ITTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 01/16/2017		PERMIT EXPIRES: 12/31/2021	
SAMPLING LOCATION VERIFIED ON: 05/01/2017		RCRA NOTICE 02/07/2014		
SLUG CONTROL PLAN EVALUATION DATE: 06/08/2017		COMPLIANCE SAMPLING POINT №: 5325.02		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	3	3	2	0
Number of IU Sampling Days	4	3	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:	04/27/2017	07/27/2017	10/24/2017	1/26/2018

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	Parameter	1/30/2017	Grab	City	City	pH	11.0/10/.5 S.U.	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,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: Arizona Foods Group, Inc.
 Process Flow: 23,084 (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	<p>On 01/30/2017, a Field Notice of Violation (NOV) was issued for a pH violation which occurred during City monitoring. An NOV, 30-day Resample, and TISM were issued on 01/31/2017. 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 No
 Penalties this reporting Year: Assessed \$ 0.00 Collected \$ 0.00

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

NAME: Arizona Precision Sheet Metal, Inc. dba APSM Systems				REPORT PERIOD: 01/01/2017 through 12/31/2017				
SERVICE ADDRESS: 2140 West Pinnacle Peak Road Phoenix, Arizona 85027-1200			MAILING ADDRESS: Same					
CATEGORICAL USER? Yes		40 CFR 433.17		LIMITS APPENDIX: E		BMR SUBMITTED: 07/29/1994		
TTO CERTIFICATION DATE SUBMITTED: 10/09/2017			PERMIT EFFECTIVE: 07/01/2016		PERMIT EXPIRES: 06/30/2021			
SAMPLING LOCATION VERIFIED ON: 06/28/2017				RCRA NOTICE: 09/16/1994				
SLUG CONTROL PLAN EVALUATION DATE: 01/25/2016				COMPLIANCE SAMPLING POINT No: 5309.01				
	1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)	
Number of Inspections	0		1		0		0	
Number of City Sampling Days	0		7		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		0		0	
Number of Permit Cond. Violations	0		0		0		0	
Compliance Status	C		C		C		C	
Evaluated as of:	04/12/2017		07/18/2017		10/09/2017		01/15/2018	

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 Precision Sheet Metal, Inc.
(dba APSM Systems)
 Process Flow: 2,965 (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

CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: ASM America, Inc. University Drive Plant				REPORT PERIOD: 01/01/2017 through 12/31/2017					
SERVICE ADDRESS: 3440 East University Drive Phoenix Arizona 85037-7200				MAILING ADDRESS: Same					
CATEGORICAL USER? Yes		40 CFR 469.18		LIMITS APPENDIX: F		BMR SUBMITTED: 03/30/2001			
TTO CERTIFICATION DATE SUBMITTED: 12/22/2014				PERMIT EFFECTIVE: 02/01/2017		PERMIT EXPIRES: 01/31/2022			
SAMPLING LOCATION VERIFIED ON: 02/17/2017				RCRA NOTICE: 07/06/2001					
SLUG CONTROL PLAN EVALUATION DATE: 02/17/2017				COMPLIANCE SAMPLING POINT №: 20489.01					
		1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)	
Number of Inspections		1		0		0		0	
Number of City Sampling Days		0		7		0		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:		04/25/2017		07/21/2017		10/25/2017		01/26/2018	

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) 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
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ENFORCEMENT SUMMARY AND COMMENTS

Company Name: ASM America, Inc. University Drive Plant

Process Flow: 77,435 (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

CITY OF PHOENIX SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Avanti Circuits, Inc.				REPORT PERIOD: 01/01/2017 through 12/31/2017				
SERVICE ADDRESS: 17650 North 25 th Avenue, Suite 5 Phoenix Arizona 85023-2115				MAILING ADDRESS: Same				
CATEGORICAL USER? Yes		40 CFR 433.17		LIMITS APPENDIX: E		BMR SUBMITTED: 10/27/1983		
TTO CERTIFICATION DATE SUBMITTED: 11/22/2017				PERMIT EFFECTIVE: 12/01/2014		PERMIT EXPIRES: 09/30/2019		
SAMPLING LOCATION VERIFIED ON: 08/21/2017				RCRA NOTICE: 12/28/1990				
SLUG CONTROL PLAN EVALUATION DATE: 10/24/2016				COMPLIANCE SAMPLING POINT No: 1310.01				
	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	3		6		0		4	
Number of IU Sampling Days	13		13		13		13	
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:	04/28/2017		07/27/2017		10/25/2017		01/24/2017	

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: Avanti Circuits, Inc.

Process Flow: 22,395 (GPD) Average

General Information and type of wastewater treatment	The facility manufactures printed circuits boards. Wastewater treatment consists of: stream segregation, ion exchange, metals precipitation, flocculation, and pH neutralization.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

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: 117,647 (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**

CITY OF PHOENIX SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Banner Estrella Medical Center			REPORT PERIOD: 01/01/2017 through 12/31/2017	
SERVICE ADDRESS: 9201 West Thomas Road Phoenix Arizona 85035-6918			MAILING ADDRESS: Same	
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 07/02/2004	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 02/01/2016	PERMIT EXPIRES: 01/31/2021	
SAMPLING LOCATION VERIFIED ON: 05/16/2017		RCRA NOTICE: 01/05/2005		
SLUG CONTROL PLAN EVALUATION DATE: 05/16/2017		COMPLIANCE SAMPLING POINT No: 21828.01		
	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	4	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:	04/20/2017	07/20/2017	10/27/2017	01/24/2018

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: Banner Estrella Medical Center

Process Flow: 90,392 (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: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 1111 East McDowell Road Phoenix, Arizona 85006		MAILING ADDRESS: 1021 East Willetta Street 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: 11/10/2014	PERMIT EXPIRES: 10/31/2019	
SAMPLING LOCATION VERIFIED ON: 10/20/2017		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 11/28/2017		COMPLIANCE SAMPLING POINT No: 2710.06, 2710.04, 2710.05		
	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	0	4	0	4
Number of IU Sampling Days	3	3	3	1
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:	04/18/2017	07/26/2017	10/26/2017	02/02/2018

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	Effluent	06/22/2017	Composite	City	City	Mercury	0.0026 mg/L / 0.0023 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	A, 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 | |
| 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: Banner Health - Banner University Medical Center Phoenix Campus

Process Flow: 118,096 (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>Compliance Sampling Point 2710.06 was deemed too dangerous to monitor by the City of Phoenix due to ongoing construction activities.</p>
Third Quarter	<p>NOV was issued on 08/02/2017 for a Mercury violation that occurred on 06/22/2017. A Temporary Increase in Self-Monitoring (TISM) and 30-day Resample were required; all requirements of the NOV have since been met.</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

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

NAME: Café Valley Bakery, Inc.				REPORT PERIOD: 01/01/2017 through 12/31/2017				
SERVICE ADDRESS: 7000 W. Buckeye Rd. Phoenix, Arizona 85043-4306				MAILING ADDRESS: Same				
CATEGORICAL USER? No		40 CFR Local Limits		LIMITS APPENDIX: A		BMR SUBMITTED: 02/06/2013		
TTO CERTIFICATION DATE SUBMITTED: N/A				PERMIT EFFECTIVE: 03/01/2013		PERMIT EXPIRES: 02/28/2018		
SAMPLING LOCATION VERIFIED ON: 05/04/2017				RCRA NOTICE: 02/28/2013				
SLUG CONTROL PLAN EVALUATION DATE: 11/29/2016				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	0		1		0		1	
Number of City Sampling Days	3		5		2		2	
Number of IU Sampling Days	1		1		1		1	
Number of Parameter Violations	0		0		0		0	
Number of Inspection Violations	0		0		0		0	
Number of Reporting Violations	0		1		0		0	
Number of Permit Cond. Violations	0		0		0		0	
Compliance Status	C		I		C		C	
Evaluated as of:	04/20/2017		07/20/2017		10/25/2017		01/25/2018	

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	Parameter	03/31/2017	Grab	City	I.U.	pH Instantaneous	4.4 to 13.7/5.0-10.5	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	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: Café Valley Bakery, Inc.

Process Flow: 32,464 (GPD) Average

General Information and type of wastewater treatment	<p>The facility receives raw bulk ingredients and mixes, bakes, packages and delivers bakery products to customers. The clean-in-place system used to clean some piping and mixing vats generates wastewater as a batch discharge whenever it is used.</p> <p>Café Valley uses a 3,200 gallon, 3 compartment underground oil and solids interceptor to remove solids from the effluent from this facility. This interceptor discharges to a 7,500 gallon flow equalization tank. The 7,500 gallon flow equalization tank discharges to a pH adjustment system. The pH adjustment system consists of the 7500 gallon flow equalization tank, a sodium hydroxide injection system, a sulfuric acid injection system, a mechanical mixing tank, and a continuous pH monitor.</p>
First Quarter	
Second Quarter	<p>On 4/4/2017, (3) Three Notices of Violation were issued to Café Valley Bakery, Inc. for pH effluent limit, late 24-hour reporting and Late Reporting of their Self-Monitoring Report. Both the pH effluent limit and late 24-hour reporting violations were rescinded because review of raw data showed that there wasn't a limit violation. The Late Reporting Violation for Self-monitoring had all requirements meet.</p>
Third Quarter	<p>On 8/3/2017, A Notice of Violation was issued to Café Valley Bakery, Inc. for a pH effluent limit that was later rescinded because review of raw data showed that there wasn't a limit violation.</p>
Fourth Quarter	<p>On 12/7/2017, A Waiver was given to Café Valley Bakery, Inc. for a pH effluent that exceeded but was not greater than 12.5 S.U. This waiver was given because Café Valley Bakery, Inc. meet all requirements under the Industrial Pretreatment Program (IPP) Guidance Memorandum N° 2014-01-31, Effective February 1, 2014.</p>

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

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

CITY OF PHOENIX
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Carl T. Hayden Medical Center		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 650 East Indian School Road Phoenix, Arizona 85012-1839		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: N/A	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 02/01/2017	PERMIT EXPIRES: 01/31/2022	
SAMPLING LOCATION VERIFIED ON: 09/22/2017		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 09/22/2017		COMPLIANCE SAMPLING POINT №: 2590.04, 2590.05, 2590.06, 2590.07, 2590.FWA		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	1	1	1
Number of City Sampling Days	4	0	0	4
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:	05/05/2017	07/27/2017	10/30/2017	01/31/2018

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)
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: Carl T. Hayden Medical Center

Process Flow: 144,074 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	Permit 1702-2590 was issued with requirements regarding the installation of Compliance Sample point 2590.07. Compliance Sampling Point 2590.07 is temporarily approved at a manhole located next to the dental facility. It will eventually be relocated on the north side of the private drive across from the mental health building and directly South of Buildings 28 and 29 (dental facility). It will ultimately receive dentistry services and sanitary wastewater from Buildings 28 and 29.
Second Quarter	
Third Quarter	
Fourth Quarter	Amended Permit 1712-2590 was issued with updated flume description of Compliance Sample Point 2590.07.

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

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

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

NAME: Cassavant Assembly & Processing, LLC.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 3725 East Atlanta Avenue Phoenix, Arizona 85040-2960		MAILING ADDRESS: Same		
CATEGORICAL USER? YES	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 10/26/2016	
TTO CERTIFICATION DATE SUBMITTED: 12/28/2017		PERMIT EFFECTIVE: 10/01/2016	PERMIT EXPIRES: 09/30/2021	
SAMPLING LOCATION VERIFIED ON: 09/06/2017		RCRA NOTICE: 09/23/2016		
SLUG CONTROL PLAN EVALUATION DATE: 09/06/2017		COMPLIANCE SAMPLING POINT No: 33214.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	0	5	0	3
Number of IU Sampling Days	3	3	3	3
Number of Parameter Violations	2	3	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	S	S	I	I
Evaluated as of:	04/28/2017	07/27/2017	10/27/2017	01/27/2018

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
1 st	Permit Condition	01/01/2017	N/A	N/A	N/A	Failure to Sample As, Mo, Se		
1 st	Effluent	03/09/2017	Composite	Federal	IU	Chromium (Daily)	6.94/2.77 mg/L	4
1 st	Effluent	03/31/2017	Calculated	Federal	IU	Chromium (MAV)	3.48/1.71 mg/L	1
1 st	Reporting	03/22/2017	N/A	N/A	N/A	24-Hour Notification		
2 nd	Effluent	06/08/2017	Composite	Federal	City	Nickel (Daily)	51.9/3.98 mg/L	5
2 nd	Effluent	06/09/2017	Composite	Federal	City	Nickel (Daily)	11.8/3.98 mg/L	5
2 nd	Effluent	06/30/2017	Calculated	Federal	City	Nickel (MAV)	21.3/2.38 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	A(2), L	A, 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: Cassavant Assembly & Processing, LLC.

Process Flow: 2,209 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	<p>On 02/10/2017, an NOV was issued for IU failure to sample for Arsenic, Molybdenum, and Selenium for the period ending 12/31/2016. All requirements of the NOV were met.</p>
Second Quarter	<p>On 04/28/2017, the City became aware of violations of the daily maximum and monthly average limits for chromium as well as a reporting violation of the 24-Hour notification requirement for the chromium exceedance. Notification was due 03/21/2017, received 04/28/2017, 38 days late. NOV's for both the late reporting, effluent violation, and TISM were issued 05/17/2017. All requirements of the NOV and TISM were met.</p>
Third Quarter	<p>On 07/27/2017, an NOV, 30-day Resample, and TISM were issued for daily maximum and monthly average limit (MAV) exceedances for nickel that occurred on 06/08/2017 and 06/09/2017; the MAV was calculated on 06/30/2017. Quality Assurance/Quality Control criteria was verified on July 21, 2017 and July 25, 2017. All requirements were met by the IU.</p>
Fourth Quarter	<p>On 10/26/2017, the IU was notified of SNC status for the late 24-Hour notification violation that occurred during the 2nd quarter. Publication will take place in the 1st or 2nd quarter of 2018.</p>

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Celgene Corporation

Process Flow: 46,756 (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. Pretreatment consists of waste stream segregation, physical separation and pH adjustment.</p>
First Quarter	<p>Permit № 1703-27278 was issued with an effective date of 03/01/2017 and will expire on 02/28/2022.</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: Certified Inspection Service Company Inc.

Process Flow: 2,450 (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: 55,971 (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	<p>ChemResearch Co., Inc. Class A Wastewater Discharge Permit was revised with the following information:</p> <ul style="list-style-type: none"> • Permit № Changed to 1710-1350 with an effective date of October 1, 2017 and expires on December 31, 2018 • Page 2 – Gold plating process was removed from Compliance Sampling Point № 1350.02 • Page 4 – Cyanide-cadmium plating process was added to Compliance Sampling Point № 1350.03 • Permit Standard Conditions were updated on July 30, 2015

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: Chromalloy Arizona			REPORT PERIOD: 01/01/2017 through 12/31/2017	
SERVICE ADDRESS: 5161 West Polk Street Phoenix Arizona 85043-2720		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 04/30/1990	
TTO CERTIFICATION DATE SUBMITTED: 1/8/2018		PERMIT EFFECTIVE: 03/01/2014	PERMIT EXPIRES: 12/31/2018	
SAMPLING LOCATION VERIFIED ON: 09/06/2017		RCRA NOTICE: 06/22/1990		
SLUG CONTROL PLAN EVALUATION DATE: 10/05/2018		COMPLIANCE SAMPLING POINT No: 2760.01		
	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	3	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:	04/07/2017	07/25/2017	10/05/2017	01/08/2018

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	Permit Condition	01/01/2017	N/A	N/A	N/A	Failure to Sample Weekly pH		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A(2), L	N	N	N		

Enforcement Status Codes

A - Notice of Violation (NOV)	F - Assessment of Monetary Penalties	K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year
B - Administrative Order (AO)	G - Restriction of Flow	L - Temporary Increase in IU Self-Monitoring (TISM)
C - Civil Action Filed	H - Permit Revocation	
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: Chromalloy Arizona

Process Flow: 3322 (GPD) Average

General Information and type of wastewater treatment	<p>Processes consist of Platinum, Rhodium, and Nickel-plating operations associated with the thermal infusion coating process.</p> <p>Pretreatment processes include flocculation followed by pH adjustment to achieve precipitation of metals, followed by clarification and filtering before discharge. X-ray fixer is treated with an electrolytic silver recovery unit followed by a metal exchange filter to recover remaining silver.</p>
First Quarter	<p>On 01/24/2017 the City became aware of a Copper exceedance which occurred on 12/07/2016 of 1.59 mg/L. On 01/25/2017 an NOV was issued, with a TISM to the IU. All requirements were met.</p> <p>On 01/09/2017 the City became aware of Permit Condition violations for December 2016 and January 2017, failure to sample pH for the week ending 12/25/2016 and the week ending 01/01/2017. An NOV was issued on 02/01/2017. All requirements 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: Cintas Corporation – Roosevelt Street

Process Flow: 64,627 GPD (Average)

General Information and type of wastewater treatment	This facility is a commercial laundry. Wastewater treatment consists of equalization, diffused air floatation, coagulation and flocculation.
First Quarter	
Second Quarter	
Third Quarter	<p>Cintas Corporation purchased G&K Services, Inc., effective June 1, 2017. Class A Wastewater Discharge Permit N^o 1210-5375 for G&K Services, Inc. was terminated effective midnight July 31, 2017. Class A Wastewater Discharge Permit N^o 1708-5375 for Cintas Corporation became effective on August 1, 2017.</p> <p>Class A Wastewater Discharge Permit N^o 1708-5375 was terminated effective midnight August 31, 2017. The Permit was amended to reduce required sampling frequencies for BOD, COD, Copper, Cadmium, Silver TSS, and Zinc. Cintas Corporation was issued Class A Wastewater Discharge Permit N^o 1709-5375 effective on July 1, 2017.</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

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

NAME: Cintas Corporation			REPORT PERIOD: 01/01/2017 through 12/31/2017	
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: 09/08/2017		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 09/08/2017		COMPLIANCE SAMPLING POINT №: 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	2	6	3	1
Number of IU Sampling Days	2	1	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	1	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	04/21/2017	07/20/2017	10/25/2017	01/23/2018

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	Permit Cond.	01/01/2017	N/A	N/A	N/A	Failure to Sample As, Cd, CN, Hg, Se, Ag, Zn		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	N	N	N		

Enforcement Status Codes

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Cintas Corporation

Process Flow: 40,482 (GPD) Average

General Information and type of wastewater treatment	<p>The facility is a commercial laundry.</p> <p>The wastewater treatment consists of a screen filter, three-compartment interceptor and pH adjustment.</p>
First Quarter	<p>On 01/31/2017, a Notice of Violation (NOV) was issued for failure to sample As, Cd, CN, Hg, Se, Ag, Zn. It is required under Cintas Corporation Permit N^o 1510-5316 that the following parameters are to be tested on a Semi-annual Basis. All requirements of the NOV have been met.</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

NAME: Cleanpart Southwest LLC		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: N/A	PERMIT EFFECTIVE: 07/01/2014	PERMIT EXPIRES: 06/30/2019		
SAMPLING LOCATION VERIFIED ON: 03/20/2017	RCRA NOTICE: 02/10/2010			
SLUG CONTROL PLAN EVALUATION DATE: 03/29/2017	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	2	0	2
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	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	04/25/2017	07/27/2017	11/17/2017	01/22/2018

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: Cleanpart Southwest LLC

Process Flow: 1,392 (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**

NAME: Crothall Laundry Services Inc. – The Commercial Linen Exchange		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 4445 South 36 th Street Phoenix, Arizona 85040		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: 10/31/2017		RCRA NOTICE: 04/02/2014		
SLUG CONTROL PLAN EVALUATION DATE: 10/31/2017		COMPLIANCE SAMPLING POINT No: 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	3	4	0
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:	04/26/2017	07/28/2017	10/26/2017	01/24/2018

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	Effluent	3/17/2017	Grab	City	IU	pH	4.5/5.0 S.U.	13
			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, 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: Crothall Laundry Services Inc.- The Commercial Linen Exchange

Process Flow: 164,773 (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	<p>On 03/17/2017 the City became aware of an effluent violation. Crothall Laundry Services reported effluent pH of 4.45 S.U. that occurred on 03/17/2017. A NOV and TISM were issued on 03/21/2017. All NOV and TISM requirements were met.</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**

NAME: Dignity Health - St. Joseph's Hospital & Medical Center		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 350 West Thomas Road Phoenix Arizona 85013-4409		MAILING ADDRESS: Same		
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: 12/01/2017		RCRA NOTICE: 12/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 07/26/2017		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	1	1
Number of City Sampling Days	4	0	6	5
Number of IU Sampling Days	3	3	2	1
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	2	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	I	C	C
Evaluated as of:	05/09/2017	07/25/2017	10/26/2017	01/25/2018

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	Reporting	04/29/2017				SMR	Received 05/08/2017 Due 04/28/2017	
2nd	Reporting	05/20/2017				NOV Response	Received 06/12/2017 Due 05/19/2017	
			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	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: 267,265 (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	<p>On 05/08/2017, the City became aware of a Reporting violation. On 05/08/2017 the City received the Self-Monitoring Report for March 2017, due on 04/28/2017. On 05/08/2017 a Late Reporting NOV was issued. All NOV requirements have been met.</p> <p>On 06/12/2017, the City became aware of a Reporting violation. On 06/12/2017 the City received a written response to the NOV issued on 05/08/2017. The response was due on 05/19/2017. On 06/13/2017 a Late Reporting NOV was issued. All NOV requirements have been met.</p>
Third Quarter	
Fourth Quarter	<p>On 11/20/2017, the IU completed installation of a fifth compliance sampling point and a three compartment 5,000-gallon gravity interceptor. All grease waste line plumbing including the replacement dishwasher was rerouted to the new gravity interceptor and point of use grease traps were removed.</p>

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: District Photo, Inc.

Process Flow: 8,977 GPD

General Information and type of wastewater treatment	
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: DS Services of America, Inc.

Process Flow: 116,836 (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	
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: Dunn-Edwards Corporation		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 520 South 67 th Avenue Phoenix, Arizona 85043-4432		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 09/18/2015	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 05/01/2016	PERMIT EXPIRES: 04/30/2021	
SAMPLING LOCATION VERIFIED ON: 11/07/2017		RCRA NOTICE: 04/26/2016		
SLUG CONTROL PLAN EVALUATION DATE: 11/07/2017		COMPLIANCE SAMPLING POINT No: 33198.01		
	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	5	0	3
Number of IU Sampling Days	3	10	2	1
Number of Parameter Violations	3	0	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	2	1	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	I	C	I
Evaluated as of:	04/20/2017	08/07/2017	10/25/2017	01/31/2018

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	Effluent	1/17/2017	Composite	City	IU	Zinc	6.0/3.5 mg/L	10
1 st	Reporting	1/28/2017	N/A	N/A	N/A	24-Hour Notification Late 30-Day Resample		
1 st	Reporting	2/27/2017	N/A	N/A	N/A			
1 st	Effluent	3/23/2017	Composite	City	IU		Zinc	11/3.5 mg/L
1 st	Effluent	3/29/2017	Composite	City	City	Zinc	5.94/3.5 mg/L	10
2 nd	Reporting	6/14/2017	N/A	N/A	N/A	Late TISM pH 24-hour Notification		
4 th	Effluent	10/18/2017	Grab	City	IU		10.89 /10.5 S.U.	Continuous
4 th	Reporting	10/19/2017	N/A	N/A	N/A			
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A (4), L	A	A (2)	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: Dunn-Edwards Corporation

Process Flow: 4,806 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	<p>On 01/03/2017 the City became aware of a late reporting violation. The November 2016 Self-Monitoring Report (SMR) was due on 12/28/2016 and was received on 01/03/2017, six days late. An NOV was issued on 01/04/2017. All requirements were met.</p> <p>On 3/7/2017 A Notice of Violation, TISM and 30-Day Resample were issued for an effluent limits exceedance for Zinc, which occurred on 1/17/2017. Notice of violations were also given for late reporting 24-hour notification and late reporting 30 day resample for the sampling event. All requirements were met.</p>
Second Quarter	<p>On 5/16/2017 A Notice of Violation was issued for an effluent limits exceedance for Zinc which was discovered during city sampling on 03/29/2017. All requirements were met.</p>
Third Quarter	<p>On 07/06/2017 A Notice of Violation was issued for late reporting of the Temporary Increase in Self-monitoring results for Zinc. It was 6 days late. All requirements were met.</p> <p>On 07/10/2017 A Notice of Violation was issued for an effluent limits exceedance for Zinc found during the Temporary Increase in Self-Monitoring. All requirements were met.</p>
Fourth Quarter	<p>On 10/23/2017 A Notice of Violation was given for a pH maximum effluent limit exceedance during self-monitoring. A Notice of Violation was also given for late reporting 24-hour notification of the exceedance. All requirements were met.</p>

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

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

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

NAME: Entrepix, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 01/05/2017	PERMIT EFFECTIVE: 04/25/2013	PERMIT EXPIRES: 03/31/2018		
SAMPLING LOCATION VERIFIED ON: 08/16/2017	RCRA NOTICE: 04/26/2013			
SLUG CONTROL PLAN EVALUATION DATE: 06/01/2017	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	0	0	1	0
Number of City Sampling Days	1	1	1	1
Number of IU Sampling Days	2	3	4	1
Number of Parameter Violations	0	1	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	1	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	I	C	C
Evaluated as of:	04/27/2017	07/07/2017	10/06/2017	01/05/2018

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	Effluent	05/03/2017	Composite	City	IU	Arsenic (Daily)	0.44/0.13 mg/L	3
2nd	Reporting	05/19/2017	N/A	N/A	N/A	24-Hour Notification	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), 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 | N - No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) For Year Ending December 31, 2017 | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Entrepix, Inc.

Process Flow: 4,923 (GPD) Average

General Information and type of wastewater treatment	
This facility performs chemical mechanical polishing, Semiconductor Equipment Zubeloer (SEZ) wet planing operations and related wafer polishing operations. Pretreatment consists of pH neutralization and micro filtration. IU opts to sample TTOs quarterly.	
First Quarter	
Second Quarter	<p>On 06/06/2017, the City became aware of a quarterly arsenic exceedance. An NOV and TISM were issued on 06/27/2017. All requirements of the NOV were met.</p> <p>On 06/06/2017, the City became aware of a reporting violation of the 24-hour notification requirement for the arsenic exceedance. Notification was due 05/19/2017, received 06/06/2017, eighteen (18) days late. An NOV was issued 06/27/2017. All requirements of the NOV were met.</p>
Third Quarter	
Fourth Quarter	

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

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

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

NAME: FlipChip International, LLC			REPORT PERIOD: 01/01/2017 through 12/31/2017	
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: 01/08/2018	PERMIT EFFECTIVE: 07/01/2013	PERMIT EXPIRES: 06/30/2018		
SAMPLING LOCATION VERIFIED ON: 05/19/2017	RCRA NOTICE: 10/11/2001			
SLUG CONTROL PLAN EVALUATION DATE: 05/19/2017	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	0	1	1	0
Number of City Sampling Days	4	3	7	0
Number of IU Sampling Days	3	3	3	3
Number of Parameter Violations	0	2	0	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	1	0	1
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	S	C	I
Evaluated as of:	05/09/2017	08/1/2017	11/17/2017	01/11/2018

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	Effluent	07/01/2017	Instantaneous	Federal	IU	pH	3.2/5.0 S.U.	Continuous
3 rd	Effluent	08/05/2017	Instantaneous	Federal	IU	pH	4.6/5.0 S.U.	Continuous
3 rd	Reporting	08/07/2017	N/A	N/A	N/A	24-Hour Notification		
4 th	Effluent	12/26/2017	Instantaneous	Federal	IU	pH	4.2/5.0 S.U.	Continuous
4 th	Reporting	12/28/2017	N/A	N/A	N/A	24-Hour Notification		
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	N	A(3), F		E, 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: FlipChip International, LLC

Process Flow: 46,705 GPD (Average)

General Information and type of wastewater treatment	<p>This facility processes silicon wafers by utilizing photoresist, etching, sputtering, and cleaning operations. Pretreatment consists of ion exchange and pH neutralization.</p>
First Quarter	<p>On 02/17/2017, a Late Reporting Notice of Violation (NOV) was issued for four late 24-hour notifications of pH violations during 08/2016 and 09/2016. All requirements for the NOV were met.</p>
Second Quarter	
Third Quarter	<p>On 07/14/2017 a NOV was issued for multiple low pH violations during continuous self-monitoring. All requirements of the NOV were met.</p> <p>On 09/20/2017 a Show Cause Hearing was held to discuss violations occurring during the enforcement period 08/01/2016 through 07/31/2017.</p>
Fourth Quarter	<p>A Pretreatment Settlement Agreement was reached which included monetary penalties of \$11,733 plus \$1000 for publication fees. \$11,733 has been paid.</p> <p>On 10/25/2017 two NOVs were issued; one for a pH effluent violation of 4.6 SU and a second for a late 24-hour reporting violation. Notification of the pH excursion was received 51 days late which puts FlipChip into Significant Non-Compliance for late reporting. A letter of Significant Non-Compliance was sent on 10/25/2017.</p> <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 NOV were met.</p>

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

Penalties this reporting Year: Assessed \$ 11,733 Collected \$ 11,733

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: FM Industries, Inc.

Process Flow: 11,456 (GPD) Average

General Information and type of wastewater treatment	<p>FM Industries, Inc. performs anodizing and nickel seal on aluminum parts.</p> <p>Pretreatment consists of wastestream segregation and pH neutralization.</p>
First Quarter	
Second Quarter	<p>On 05/03/2017, a Field NOV was issued for a pH violation which occurred during City monitoring on 05/03/2017. On 05/05/2017, a TISM was issued. All requirements of the NOV and TISM were met.</p>
Third Quarter	<p>On 08/17/2017, the City became aware of violations exceeding the daily maximum and monthly average limits for nickel. An NOV, 30-day Resample, and TISM were issued on 08/21/2017. All requirements were met by the IU.</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

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

NAME: Futureweld Company Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 01/16/2018	PERMIT EFFECTIVE: 10/17/2016	PERMIT EXPIRES: 09/30/2021		
SAMPLING LOCATION VERIFIED ON: 06/08/2017	RCRA NOTICE: 07/01/1992			
SLUG CONTROL PLAN EVALUATION DATE: 06/08/2017	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	0	0
Number of City Sampling Days	5	3	0	4
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	0	0
Compliance Status	C	C	C	C
Evaluated as of:	04/07/2017	07/06/2017	10/04/2017	01/16/2018

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: Futureweld Company Inc.

Process Flow: 10,179 (GPD) Average

General Information and type of wastewater treatment	Futureweld performs metal finishing operations for commercial and aerospace applications. Pretreatment consists of wastestream segregation, precipitation, solids dewatering, 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 No

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: G & K Services, Inc.

Process Flow: 76,196 GPD (Average)

General Information and type of wastewater treatment	This facility is a commercial laundry. Wastewater treatment consists of equalization, diffused air floatation, coagulation and flocculation.
First Quarter	
Second Quarter	
Third Quarter	Cintas Corporation purchased G&K Services, Inc., effective June 1, 2017. Class A Wastewater Discharge Permit N ^o 1210-5375 for G&K Services, Inc. was terminated effective midnight July 31, 2017. Class A Wastewater Discharge Permit N ^o 1708-5375 for Cintas Corporation became effective on August 1, 2017.
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: Gregory Packaging, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 06/14/2017		RCRA NOTICE: 06/22/2016		
SLUG CONTROL PLAN EVALUATION DATE: 06/14/2017		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	1	2	0	0
Number of City Sampling Days	0	4	6	4
Number of IU Sampling Days	3	2	1	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:	04/26/2017	07/28/2017	10/26/2017	01/24/2018

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	Effluent	08/30/2017	Grab	City	City	pH	11.2/10.5	13
			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(5), K	N	A,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: Gregory Packaging, Inc.

Process Flow: 26,434 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	<p>On 01/05/2017, an NOV was issued for a late Field NOV Response for unlawful discharge which was due on 11/07/2016 and was not submitted until 11/10/2016; three days late.</p> <p>On 01/20/2017, an NOV was issued as a result of pH violations occurring on 09/08/2016.</p> <p>On 01/20/2017, an NOV was issued for late 24-hour notification of a pH exceedance that occurred on 09/08/2016.</p> <p>On 01/20/2017, SNC Notification was issued for 2016 3rd Quarter late 24-hour notification of a pH exceedance greater than 30-days.</p> <p>On 02/13/2017, an NOV was issued as a result of pH violations occurring on 11/02/2016 and 11/03/2016.</p> <p>On 02/14/2017, an NOV was issued as a result of several pH violations occurring on 11/08/2016, 11/09/2016, 11/10/2016 and 11/11/2016.</p> <p>IU was published in the newspaper on 03/21/2017 for 3rd Quarter 2016 SNC – report(s) 30 or more days late.</p>
Second Quarter	<p>On 04/01/2017 a Permit Revision was issued to remove Compliance Sampling Point 32021.02 from the Permit.</p>
Third Quarter	<p>On 8/14/2017 a Permit Revision was issued reducing the minimum frequency of pH sampling.</p> <p>On 08/30/2017 a field NOV and TISM was issued for a pH exceedance that occurred on 08/30/2017. All requirements have been met.</p>
Fourth Quarter	

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

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

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

NAME: Hadrian Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 3602 West Washington Street Phoenix, Arizona 85009-4767		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 10/28/2016	
TTO CERTIFICATION DATE SUBMITTED: 12/22/2017	PERMIT EFFECTIVE: 08/02/2016	PERMIT EXPIRES: 07/31/2021		
SAMPLING LOCATION VERIFIED ON: 05/31/2017	RCRA NOTICE: 06/06/2016			
SLUG CONTROL PLAN EVALUATION DATE: 06/28/2017	COMPLIANCE SAMPLING POINT №: 33387.01			
	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	2	4	4	0
Number of IU Sampling Days	3	3	3	3
Number of Parameter Violations	1	1	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:	4/24/2017	07/20/2017	10/05/2017	2/8/2018

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	Effluent	03/31/2017	Calculated	Federal	City	Zinc (MAV)	1.5/1.48 mg/L	1
2 nd	Reporting	04/13/2017	N/A	N/A	N/A	24-Hour Notification		
2 nd	Effluent	05/31/2017	Calculated	Federal	City	Zinc (MAV)	1.93/1.48 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	A (2), L	A	N		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) For Year Ending December 31, 2017 | J - Disconnection from Sewer | N- No Enforcement Action |

ENFORCEMENT SUMMARY AND COMMENTS

Company name: Hadrian Inc.

Process Flow: 307 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	<p>On 04/24/2017, the City became aware of a violation of the monthly average (MAV) limit for zinc as well as a reporting violation of the 24-Hour notification requirement for the zinc exceedance. Notification was due 04/12/2017, received 04/24/2017, 12 days late. NOVs were issued on 05/10/2017 for both violations and a TISM was issued for the MAV violation on 05/10/2017. All requirements of both NOVs and the TISM were met.</p>
Third Quarter	<p>On 05/31/2017, the City became aware of a violation of the monthly average limit for zinc and an NOV was issued on 07/25/2017. 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: Heligear Acquisition Co.- D-Velco Manufacturing of Arizona, Inc.

Process Flow: 3,845 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	

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

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

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

NAME: Heligear Acquisitions Co.- Northstar Aerospace (Phoenix)		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 300 South 23 rd Street Phoenix, Arizona 85034-2500		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 09/06/2012	
TTO CERTIFICATION DATE SUBMITTED: 07/21/2016	PERMIT EFFECTIVE: 10/10/2017		PERMIT EXPIRES: 09/30/2022	
SAMPLING LOCATION VERIFIED ON: 05/05/2017	RCRA NOTICE: 10/01/2012			
SLUG CONTROL PLAN EVALUATION DATE: 05/26/2017	COMPLIANCE SAMPLING POINT No: 30340.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	2	1	1	1
Number of IU Sampling Days	3	3	3	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:	05/09/2017	08/04/2017	11/20/2017	01/31/2018

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

Process Flow: 356 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	
Fourth Quarter	

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

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

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

NAME: Holsum Bakery, Inc.			REPORT PERIOD: 01/01/2017 through 12/31/2017	
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: 03/01/2017	RCRA NOTICE: 08/21/1995			
SLUG CONTROL PLAN EVALUATION DATE: 03/01/2017	COMPLIANCE SAMPLING POINT №: 5313.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	4	2	3	2
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:	04/26/2017	07/21/2017	10/25/2017	01/22/2018

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	Effluent	02/14/2017	Grab	City	IU	pH	11.72/ 10.5 S.U.	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			A, 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: Holsum Bakery, Inc.

Process Flow: 24,149 (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.</p>
First Quarter	<p>On 02/23/2017, an NOV, TISM, and 30-day resample were issued for a pH violation that occurred on 02/14/2017. All requirements were met.</p>
Second Quarter	
Third Quarter	
Fourth Quarter	

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International Inc.
Former Peoria Avenue Facility/EW-1

Process Flow: 4,950 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 No

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International Inc.
Former Peoria Avenue Facility/MW-10

Process Flow: 40,274 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**

CITY OF PHOENIX SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Honeywell International Inc. Honeywell Aerospace - Deer Valley		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 21111 North 19th Avenue Phoenix, Arizona 85207-2708		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 469.18	LIMITS APPENDIX: F	BMR SUBMITTED: 11/10/1983	
TTO CERTIFICATION DATE SUBMITTED: 01/26/2018		PERMIT EFFECTIVE: 09/01/2014	PERMIT EXPIRES: 06/30/2019	
SAMPLING LOCATION VERIFIED ON: 08/08/2017		RCRA NOTICE: 02/27/1990		
SLUG CONTROL PLAN EVALUATION DATE: 01/06/2017		COMPLIANCE SAMPLING POINT No: 1570.04		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	1	1	1	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	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	04/19/2017	07/20/2017	11/20/2017	01/31/2018

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 | N- No Enforcement Action |
| D - Criminal Action Filed | I - Compliance Schedule Issued | |
| E - Pretreatment Settlement Agreement (PSA) | J - Disconnection from Sewer | |

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International Inc.
Honeywell Aerospace - Deer Valley

Process Flow: 262 (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	

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

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

CITY OF PHOENIX SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Honeywell International, Inc. Honeywell Aerospace- Phoenix R & O		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 1944 East Sky Harbor Circle Northwest Phoenix, Arizona 85034-3442		MAILING ADDRESS: 1944 East Sky Harbor Circle Northwest Mail Stop 2101-C Phoenix, Arizona 85034-3442		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: X	BMR SUBMITTED: 06/25/1992	
TTO CERTIFICATION DATE SUBMITTED: 01/25/2018		PERMIT EFFECTIVE: 07/01/2013	PERMIT EXPIRES: 06/30/2018	
SAMPLING LOCATION VERIFIED ON: 06/15/2017		RCRA NOTICE: 02/04/1992		
SLUG CONTROL PLAN EVALUATION DATE: 03/10/2017		COMPLIANCE SAMPLING POINT №: 2990.01		
	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	2	0
Number of City Sampling Days	2	6	2	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:	04/28/2017	07/20/2017	11/20/2017	01/31/2018

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: Honeywell International, Inc. Honeywell Aerospace – Phoenix R & O
Process Flow: 18,958 (GPD) Average

General Information and type of wastewater treatment	This facility repairs and overhauls turbine engines using steam cleaning, caustic and acid cleaning, chromate conversion coating and associated operations. The wastewater treatment consists of stream segregation, chemical reduction, precipitation, flocculation sedimentation and pH neutralization.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Honeywell International, Inc.- Honeywell Engines Product Center

Process Flow: 37,976 (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	

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

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

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

NAME: HonorHealth Deer Valley Medical Center			REPORT PERIOD: 01/01/2017 through 12/31/2017	
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: 06/30/2017
SAMPLING LOCATION VERIFIED ON: 09/29/2017			RCRA NOTICE: 12/28/1990	
SLUG CONTROL PLAN EVALUATION DATE: N/A			COMPLIANCE SAMPLING POINT №: 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	2
Compliance Status	C	C	C	I
Evaluated as of:	04/26/2017	07/28/2017	10/26/2017	01/24/2018

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
4 th	Permit Conditions	10/01/2017	N/A	N/A	IU	Failure to Sample pH		
4 th	Permit Conditions	12/01/2017	N/A	N/A	IU	Failure to Sample pH		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	A, 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: HonorHealth Deer Valley Medical Center

Process Flow: 86,224 (GPD) Average

General Information and type of wastewater treatment	<p>John C. Lincoln Hospital – Deer Valley is a 203-bed, not-for-profit, full service hospital. Services include an emergency department, cardiac care, inpatient and outpatient surgery, oncology, an orthopedic unit, medical imaging and pediatrics.</p> <p>The wastewater treatment consists of wastestream segregation and physical separation. A three compartment Grease Interceptor pre-treats the discharge from the kitchen.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 10/31/2017, an NOV and Temporary Increase in Self-Monitoring (TISM) were issued for failure to sample for pH on the Self-Monitoring Report for September 2017. All requirements of the NOV and TISM were met.</p> <p>On 12/01/2017 a violation occurred for Failure to Sample for pH on the Self-Monitoring Report for November 2017. An NOV and TISM will be sent out in the first 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**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: HonorHealth John C. Lincoln Hospital North Mountain

Process Flow: 121,211 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>A renewed permit was issued on 05/26/2017. The permit is effective as of 06/01/2017 and expires 05/31/2022.</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: IASIS Healthcare - St. Luke's Medical Center

Process Flow: 81,077 (GPD) Average

General Information and type of wastewater treatment	<p>St Luke's Medical Center is a 219-bed tertiary medical center and specializes in heart care, orthopedics, surgical weight loss, emergency services, cardiopulmonary services, physical rehabilitation, and wound care. The wastewater pretreatment consists of physical separation of food grease for the kitchen.</p>
First Quarter	
Second Quarter	
Third Quarter	
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: Liquid Environmental Solution of Arizona LLC – Magnolia Street		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 03/16/2017		RCRA NOTICE: In process		
SLUG CONTROL PLAN EVALUATION DATE: 03/16/2017		COMPLIANCE SAMPLING POINT №: 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
Number of City Sampling Days				0
Number of IU Sampling Days				1
Number of Parameter Violations				0
Number of Inspection Violations				0
Number of Reporting Violations				0
Number of Permit Cond. Violations				0
Compliance Status				C
Evaluated as of:				01/26/2018

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/A	N/A	N/A	N		

Enforcement Status Codes

- | | | |
|---|---|---|
| <p>A - Notice of Violation (NOV)
B - Administrative Order (AO)
C - Civil Action Filed
D - Criminal Action Filed
E - Pretreatment Settlement Agreement (PSA)</p> | <p>F - Assessment of Monetary Penalties
G - Restriction of Flow
H - Permit Revocation
I - Compliance Schedule Issued
J - Disconnection from Sewer</p> | <p>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</p> |
|---|---|---|

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Liquid Environmental Solutions of Arizona LLC –
Magnolia Street

Process Flow: 8,417 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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/20/2017, permit 1606-27287 for A-1 Restaurant Services was terminated. Liquid Environmental Solutions of Arizona bought the facility as of December 21, 2017. Permit 1712-27287 became effective 12/21/2017 for Liquid Environmental Solutions of Arizona LLC – Magnolia Street.</p>

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

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

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

NAME: Liquid Environmental Solutions of Arizona LLC			REPORT PERIOD: 01/01/2017 through 12/31/2017	
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: 01/01/2017	PERMIT EXPIRES: 12/31/2022		
SAMPLING LOCATION VERIFIED ON: 11/01/2017	RCRA NOTICE: 06/06/1996			
SLUG CONTROL PLAN EVALUATION DATE: 12/06/2016	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	0	0	1
Number of City Sampling Days	3	5	4	2
Number of IU Sampling Days	6	6	11	18
Number of Parameter Violations	1	10	2	1
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	1	0	0
Number of Permit Cond. Violations	0	1	0	0
Compliance Status	I	I	I	I
Evaluated as of:	04/26/2017	07/07/2017	10/25/2017	01/11/2018

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	Effluent	01/12/2017	Composite	Federal	IU	p-Cresol	700 / 398 µg/L	6
1st	Effluent	01/13/2017	Composite	Federal	IU	p-Cresol	1500 / 398 µg/L	6
1st	Reporting	02/01/2017	NA	NA	NA	p-Cresol	12 days late	NA
1st	Permit	03/02/2017	NA	NA	NA	p-Cresol	Missed 30 day resample	6
1st	Effluent	03/16/2017	Composite	Federal	IU	p-Cresol	650 / 398 µg/L	6
1st	Effluent	03/15/2017	Composite	Federal	IU	p-Cresol	950 / 398 µg/L	6
2nd	Effluent	04/06/2017	Composite	Federal	IU	p-Cresol	3300 / 398 µg/L	11
2nd	Effluent	04/19/2017	Composite	Federal	IU	p-Cresol	4400 / 398 µg/L	11
2nd	Effluent	05/10/2017	Composite	Federal	IU	p-Cresol	2500 / 398 µg/L	11
2nd	Effluent	06/01/2017	Composite	Federal	IU	p-Cresol	3000 / 398 µg/L	11
2nd	Effluent	06/03/2017	Composite	Federal	IU	p-Cresol	2900 / 398 µg/L	11
2nd	Permit	04/29/2017	Grab	Federal	IU	pH	NA	157
2nd	Permit	05/03/2017	Grab	Federal	IU	pH	NA	157
3rd	Effluent	07/26/2017	Composite	Federal	IU	DEHP	130 / 101 µg/L	9
3rd	Effluent	09/30/2017	Composite	Federal	City	Copper	0.353 / 0.242 mg/L	13
4th	Effluent	12/31/2017	Composite	Federal	City	Copper	0.401 / 0.242 mg/L	15

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

Enforcement Status Codes

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Liquid Environmental Solutions of Arizona LLC
 Process Flow: 67,154 (GPD) Average

General Information and type of wastewater treatment	<p>Liquid Environmental Solutions of Arizona LLC is a Centralized Waste Treatment facility receiving and treating non-hazardous liquid waste. Treatment includes wastestream segregation, physical separation, emulsion breaking, dissolved air flotation, chemical precipitation, pH adjustment, biologically active aerated treatment, and a lamella clarifier. The pretreatment system is separated into the following categories: Metal bearing wastes, organic wastes, oily wastes, non-categorical and domestic wastes.</p>
First Quarter	<p>City staff became aware that the IU had exceeded daily maximum limits for Copper for samples taken by city sampling staff on 12/02/2016. The IU was issued a Notice of Violation (NOV), 30-day resample requirements, and a Temporary Increase in Self-Monitoring (TISM) on 03/02/2017. A response letter was received from the IU on 03/15/2017.</p> <p>A renewed permit was issued and became effective on 01/01/2017. The permit was appealed on 01/23/2017. A limited amended permit was issued on 02/22/2017 with an expiration date of 08/31/2017.</p> <p>On 02/13/2017, City staff became aware that the IU had exceeded daily maximum and monthly average limits for p-Cresol for samples taken by the IU on 01/12/2017 and 01/13/2017. On 04/03/2017 the IU was issued an NOV for the exceedance, the failure to resample within 30 days resample deadline, in addition to a Temporary Increase in Self-Monitoring (TISM).</p>
Second Quarter	<p>On 06/15/2017 the IU received an NOV for p-cresol exceedances that occurred on 03/15/2017, 03/16/2017, 04/06/2017, 04/19/2017, 05/10/2017, 06/01/2017, and 06/03/2017. The IU met the requirements of the NOV and the City sent the closure letter on 07/19/2017.</p> <p>On 03/03/2017, and on 05/23/2017 the IU reported that required pH samples were not taken according to the sampling requirements stated in Wastewater Discharge Permit № 1703-21741. On 06/15/2017 the IU received a Notice of violation for failing to sample for pH on 04/29/2017 and 05/03/2017; they were subsequently required to submit a written report which was submitted to the City of Phoenix on 07/19/2017.</p>
Third Quarter	<p>On 07/26/2017 the IU had an exceedance for Bis(2-ethylhexyl)phthalate (DEHP). The City of Phoenix sent an NOV on 08/31/2017 which required IU to submit a written report in addition to a 30 day resample. The conditions of the NOV were met and a response was sent to the City of Phoenix on 09/11/2017; the City sent the closure letter on 09/18/2017.</p> <p>On 09/30/2017 the IU had an exceedance for Copper. The City of Phoenix sent an NOV on 11/02/2017 which required the IU to submit a written report, which was sent on 11/13/2017; The City sent the closure letter on 12/29/2017.</p> <p>A limited amended permit was issued on 09/01/2017 with an expiration date of 12/31/2022.</p>
Fourth Quarter	<p>On 12/31/2017 the IU had an exceedance for Copper. The City of Phoenix is currently in the process of drafting a NOV.</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: Maricopa Integrated Health System

Process Flow: 149,923 GPD (Average)

General Information and type of wastewater treatment	This is a large, full service hospital and medical complex. Wastewater treatment is a three stage interceptor after the cafeteria and physical separation.
First Quarter	On 02/21/2017 renewed permit 1703-2670 was issued with an expiration date of 02/28/2022.
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: Marlyn Nutraceuticals Inc. - Naturally Vitamins, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 09/15/2017	RCRA NOTICE: 04/12/2001			
SLUG CONTROL PLAN EVALUATION DATE: 09/15/2017	COMPLIANCE SAMPLING POINT №: 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	1	0
Number of City Sampling Days	1	3	3	1
Number of IU Sampling Days	1	3	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:	05/01/2017	07/28/2017	10/27/2017	01/31/2018

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)
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: Marlyn Nutraceuticals Inc. - Naturally Vitamins, Inc.

Process Flow: 2,368 (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	

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: Mastel Linen, Inc.				REPORT PERIOD: 01/01/2017 through 12/31/2017			
SERVICE ADDRESS: 2940 West Virginia Avenue Phoenix, Arizona 85009-1607				MAILING ADDRESS: Same			
CATEGORICAL USER?	No	40 CFR	Local Limits	LIMITS APPENDIX:	A	BMR SUBMITTED: 08/16/2012	
TTO CERTIFICATION DATE SUBMITTED: N/A				PERMIT EFFECTIVE:	AMENDED 12/19/2016	PERMIT EXPIRES: 01/31/2018	
SAMPLING LOCATION VERIFIED ON: 03/21/2017				RCRA NOTICE: 02/01/2013			
SLUG CONTROL PLAN EVALUATION DATE: 04/13/2017				COMPLIANCE SAMPLING POINT No: 29569.01			
	1st Quarter (Jan 1 - Mar 31)		2nd Quarter (Apr 1 - Jun 30)		3rd Quarter (Jul 1 - Sep 30)		4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1		0		0		0
Number of City Sampling Days	1		2		2		3
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		0		0
Number of Permit Cond. Violations	0		0		0		0
Compliance Status	C		C		I		C
Evaluated as of:	05/03/2017		07/18/2017		10/23/2017		01/25/2018

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	Effluent	07/05/2017	Grab	City	City	pH	3.3 / 5.0 S.U.	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	N	A, 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: Mastel Linen, Inc.
 Process Flow: 58,531 (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	<p>On 07/05/2017, During the City Sampling that occurred on this date a Field Notice of Violation was issued for the grab sample results of pH at Mastel Linen, Inc. being below the allowable range of 5.0 S.U. per their permit. A Temporary Increase in Self-monitoring letter was issued on 07/07/2017 for the effluent violation. All requirements have been met and the Notice of Violation has been closed.</p>
Fourth Quarter	<p>On 11/22/2017, Mastel Linen, Inc. was issued a New Wastewater Discharge Permit. Permit N^o: 1712-29569 that took effect on 12/01/2017 with an expiration date of 11/30/2022.</p>

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mayo Clinic Arizona- Mayo Clinic Hospital

Process Flow: 86,874 (GPD) Average

General Information and type of wastewater treatment	This is a large full service hospital. Wastewater treatment consists of physical separation and stream segregation. Acids that are used in the laboratory are pH neutralized prior to discharge.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mega Metals Unlimited Inc.

Process Flow: 8,225 (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	
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: Metco Metal Finishing, LLC.			REPORT PERIOD: 01/01/2017 through 12/31/2017	
SERVICE ADDRESS: 3508 East Corona Avenue Phoenix Arizona 85040-2842		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 06/17/2015	
TTO CERTIFICATION DATE SUBMITTED: 08/15/2017	PERMIT EFFECTIVE: 06/01/2017	PERMIT EXPIRES: 06/30/2020		
SAMPLING LOCATION VERIFIED ON: 06/01/2017	RCRA NOTICE: 06/28/2015			
SLUG CONTROL PLAN EVALUATION DATE: 06/01/2017	COMPLIANCE SAMPLING POINT No: 32746.01			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	1	0	0
Number of City Sampling Days	4	2	2	0
Number of IU Sampling Days	6	6	3	3
Number of Parameter Violations	0	2	4	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	1	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	I	I	C
Evaluated as of:	04/21/2017	07/12/2017	10/17/2017	01/11/2018

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	Effluent	4/13/2017	Composite	Federal	IU	Zinc (Daily)	3.0/2.61 mg/L	12
2 nd	Effluent	4/30/2017	Calculated	Federal	IU	Zinc (MAV)	3.0/1.48 mg/L	8
2 nd	Reporting	5/04/2017	N/A	N/A	N/A	24 hour reporting		
3 rd	Effluent	8/24/2017	Composite	Federal	City	Zinc(Daily)	4.04/2.61 mg/L	9
3 rd	Effluent	8/25/2017	Composite	Federal	City	Zinc(Daily)	4.04/2.61 mg/L	9
3 rd	Effluent	8/25/2017	Composite	Federal	City	Nickel(Daily)	4.06/3.98 mg/L	9
3 rd	Effluent	8/31/2017	Calculated	Federal	City	Zinc(MAV)	2.77/1.34 mg/L	3
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	A(2), L	N	A(2), L(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: Metco Metal Finishing, LLC.

Process Flow:

7,869 (GPD) Average

General Information and type of wastewater treatment	The facility performs caustic cleaning, aluminum anodizing, chromate conversion coating, electroless nickel plating and electroplating of copper, tin, and zinc. Pretreatment consists of stream segregation, metals precipitation, filtration and pH neutralization.
First Quarter	
Second Quarter	<p>On 05/09/2017 the City became aware of an Effluent violation that occurred on 04/13/2017. An NOV and TISM were issued for exceedance of both the daily maximum and monthly average limits for parameter Zinc. All NOV and TISM requirements have been met.</p> <p>On 05/09/2017 the City became aware of a Reporting violation. On 05/09/2017 the City was notified of an effluent violation that occurred on 04/13/2017. Metco received the analytical results from their contracted laboratory on 05/04/2017 and did not notify the City within 24 hours. All NOV requirements have been met.</p>
Third Quarter	
Fourth Quarter	<p>On 09/28/2017 the City became aware of Effluent violations that occurred on 08/24/2017 and 8/25/2017. On 10/27/2017 an NOV and TISM were issued for two exceedances of the daily maximum limit and an exceedance of the monthly average limit for parameter Zinc. All NOV and TISM requirements were met.</p> <p>On 09/28/2017 the City became aware of an Effluent violation that occurred on 08/25/2017. On 10/27/2017 an NOV and TISM were issued for exceedance of the daily maximum limit for parameter Nickel. All NOV and TISM requirements 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: Milum Textile Services
 Process Flow: 21,485 (GPD) Average

General Information and type of wastewater treatment	<p>Milum Textile Services is an industrial laundry that supplies clean linens and floor mats to hospitals, restaurants and the hospitality industry.</p> <p>The wastewater treatment consists of pH neutralization and physical separation.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

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

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

NAME: Mission Linen Supply, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 10/01/2013	PERMIT EXPIRES: 06/30/2018	
SAMPLING LOCATION VERIFIED ON: 09/15/2017		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 09/15/2017		COMPLIANCE SAMPLING POINT No: 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	6	3	7	0
Number of IU Sampling Days	3	3	3	3
Number of Parameter Violations	0	0	1	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	I	C
Evaluated as of:	04/28/2017	07/31/2017	10/20/2017	01/31/2017

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

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3 rd	Effluent	07/14/2017	Composite	City	City	Cadmium	0.0496 mg/L / 0.047 mg/L	12
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A, L	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: Mission Linen Supply, Inc.

Process Flow: 174,471 (GPD) Average

General Information and type of wastewater treatment	<p>The facility is a commercial laundry. The facility launders uniforms, linens and various textiles.</p> <p>Wastewater pretreatment consists of hydroxide precipitation, filtration, oil floatation, and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	<p>On 8/9/2017, A Notice of Violation was issued to Mission Linen Supply, Inc. for a Cadmium effluent limit exceedance found during the City Sampling Event that took place on 07/14/2017. A Temporary Increase in Self-Monitoring was also issued for the violation. All requirements have been met.</p>
Fourth Quarter	

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mistras Inspection Services, Inc.

Process Flow: 6,475 (GPD) Average

General Information and type of wastewater treatment	<p>This facility conducts chromate conversion coating, chromic and nitric acid passivation, anodizing, chemical etching, dye penetrant testing, masking, and X-ray testing. Pretreatment consists of stream segregation, hydroxide precipitation, sedimentation, filtration, and pH neutralization.</p>
First Quarter	<p>Mistras Group, Inc. purchased Semiray Inspection Services, Inc., effective February 17, 2017. Class A Wastewater Discharge Permit N^o 1412-22055 for Semiray Inspection Services, Inc. was terminated effective midnight February 16, 2017. Class A Wastewater Discharge Permit N^o 1702-22055 for Mistras Group, Inc. became effective on February 17, 2017.</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: Modern Industries, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 4755 East Beautiful Lane Phoenix, Arizona 85044-5318		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 08/08/2001	
TTO CERTIFICATION DATE SUBMITTED: 01/12/2018		PERMIT EFFECTIVE: 08/01/2017	PERMIT EXPIRES: 04/30/2022	
SAMPLING LOCATION VERIFIED ON: 05/02/2017		RCRA NOTICE: 05/10/2002		
SLUG CONTROL PLAN EVALUATION DATE: 05/02/2017		COMPLIANCE SAMPLING POINT No: 21009.01		
	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	5	2	0	5
Number of IU Sampling Days	6	6	6	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	1	0	0
Compliance Status	C	I	C	C
Evaluated as of:	04/11/2017	07/12/2017	10/10/2017	01/12/2018

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	Permit Condition	06/30/2017	N/A	N/A	N/A	Failure to Sample Mo		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A	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: Modern Industries, Inc.
 Process Flow: 16,498 GPD (Average)

General Information and type of wastewater treatment	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.
First Quarter	
Second Quarter	On 04/28/2017 renewed permit 1705-21009 was issued. Permit expires 04/30/2022.
Third Quarter	On 07/19/2017 a Notice of Violation was issued for failure to sample quarterly Molybdenum. All requirements were met. On 07/26/2017 amended permit 1708-21009 was issued. Permit expires 04/30/2022.
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: MPP Group of Companies				REPORT PERIOD: 01/01/2017 through 12/31/2017			
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: 01/22/2018				PERMIT EFFECTIVE: 01/01/2013		PERMIT EXPIRES: 12/31/2017	
SAMPLING LOCATION VERIFIED ON: 08/04/2017				RCRA NOTICE: 05/01/1996			
SLUG CONTROL PLAN EVALUATION DATE: 09/05/2017				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	0		0		1		0
Number of City Sampling Days	3		3		3		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		1		0
Number of Permit Cond. Violations	0		0		0		0
Compliance Status	C		C		I		C
Evaluated as of:	04/28/2017		07/28/2017		10/20/2017		01/22/2018

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	Reporting	09/29/2017	N/A	N/A	IU	Late SMR		N/A
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	N	A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | |
| 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: 13,921 (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	On 09/29/2017 the City became aware of a Reporting violation. The Self-Monitoring Report for August 2017, due on 09/28/2017, was received by the City one day late on 09/29/2017. A NOV was issued on 10/05/2017. 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**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Niagara Bottling, LLC

Process Flow: 255,265 GPD (Average)

General Information and type of wastewater treatment	<p>This facility manufactures bottled drinking water using microfiltration, granulated activated carbon, reverse osmosis and mineral addition. Wastewater treatment consists of pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

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

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

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

NAME: NXP USA, Inc. - 52nd ST Superfund Site - OU 1				REPORT PERIOD: 01/01/2017 through 12/31/2017					
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		BMR SUBMITTED: 10/05/2009			
TTO CERTIFICATION DATE SUBMITTED: N/A				PERMIT EFFECTIVE: 12/19/2016		PERMIT EXPIRES: 04/30/2021			
SAMPLING LOCATION VERIFIED ON: 03/24/2017				RCRA NOTICE 02/02/2011					
SLUG CONTROL PLAN EVALUATION DATE: 03/24/2017				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		1		0		0		0	
Number of City Sampling Days		5		0		0		0	
Number of IU Sampling Days		1		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:		05/08/2017		07/26/2017		10/31/2017		01/26/2018	

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

Process Flow: 128,049 (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**

NAME: One Camelback Inc.			REPORT PERIOD: 01/01/2017 through 12/31/2017	
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: 06/28/2017		RCRA NOTICE: 02/04/2015		
SLUG CONTROL PLAN EVALUATION DATE: 06/28/2017		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	1	0	0
Number of City Sampling Days	2	2	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:	04/12/2017	07/21/2017	10/25/2017	01/24/2018

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 | 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: One Camelback Inc.

Process Flow: 19,737 (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	
Fourth Quarter	

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

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

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

NAME: PAS Technologies, Incorporated				REPORT PERIOD: 01/01/2017 through 12/31/2017				
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: 06/29/2017				PERMIT EFFECTIVE: 05/06/2017		PERMIT EXPIRES: 04/30/2022		
SAMPLING LOCATION VERIFIED ON: 06/02/2017				RCRA NOTICE: 05/24/2006				
SLUG CONTROL PLAN EVALUATION DATE: 06/29/2017				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	0		1		0		0	
Number of City Sampling Days	3		2		4		2	
Number of IU Sampling Days	3		3		3		3	
Number of Parameter Violations	0		0		0		1	
Number of Inspection Violations	0		0		0		0	
Number of Reporting Violations	0		0		0		0	
Number of Permit Cond. Violations	0		0		0		0	
Compliance Status	C		C		C		I	
Evaluated as of:	04/25/2017		07/24/2017		10/16/2017		01/16/2018	

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
4 th	Effluent	12/13/2017	Composite	City	City	Cadmium	0.0672 / 0.047 mg/L	3
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			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: PAS Technologies, Incorporated

Process Flow: 13,418 (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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 12/13/2017, the City became aware of a daily Cadmium exceedance. A NOV was issued in the first Quarter of 2018 and the requirements are currently being met.</p>

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

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

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

NAME: PepsiCo – Bottling Group, LLC			REPORT PERIOD: 01/01/2017 through 12/31/2017	
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: 04/25/2017		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 04/25/2017		COMPLIANCE SAMPLING POINT No: 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	1	0	0
Number of City Sampling Days	5	4	5	4
Number of IU Sampling Days	6	6	6	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	1	0	0	1
Compliance Status	I	C	C	I
Evaluated as of:	04/28/2017	07/21/2017	10/20/2017	01/24/2018

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	Permit Condition Permit Condition	01/31/2017	N/A	N/A	N/A	Failure to Sample BOD		
4 th		11/30/2017	N/A	N/A	N/A	Failure to Sample TSS		
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	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: PepsiCo – Bottling Group, LLC
 Process Flow: 129,870 (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	On 03/01/2017, an NOV was issued for failure to sample for BOD during the month of January 2017. All requirements of the NOV were met.
Second Quarter	
Third Quarter	
Fourth Quarter	On 11/30/2017, an NOV was issued for failure to sample for TSS during the month of November 2017. All requirements of the NOV were met.

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

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

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

NAME: Phoenix Children's Hospital			REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE: 1919 East Thomas Road		MAILING ADDRESS: Same			
ADDRESS: Phoenix, Arizona 85016		LIMITS APPENDIX: A		BMR SUBMITTED: 08/28/2002	
CATEGORICAL USER? No	40 CFR	Local Limits			
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 07/01/2017		PERMIT EXPIRES: 06/30/2022	
SAMPLING LOCATION VERIFIED ON: 08/17/2017		RCRA NOTICE: 02/28/1996			
SLUG CONTROL PLAN EVALUATION DATE: 08/17/2017		COMPLIANCE SAMPLING POINT No: 21169.01, 21169.02, 21169.03, 21169.04			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)	
Number of Inspections	0	0	1	0	
Number of City Sampling Days	11	1	0	14	
Number of IU Sampling Days	3	3	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:	04/28/2017	07/21/2017	10/31/2017	01/26/2018	

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: Phoenix Children's Hospital

Process Flow: 39,597 GPD (Average)

General Information and type of wastewater treatment	<p>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.</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: Phoenix Heat Treating, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 2405 West Mohave Street Phoenix Arizona 85009-6413		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 02/28/1985	
TTO CERTIFICATION DATE SUBMITTED: 03/28/2017	PERMIT EFFECTIVE: 11/01/2016	PERMIT EXPIRES: 05/16/2017		
SAMPLING LOCATION VERIFIED ON: 04/05/2017	RCRA NOTICE: 02/28/1996			
SLUG CONTROL PLAN EVALUATION DATE: 04/05/2017	COMPLIANCE SAMPLING POINT No: 1910.03			
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	2	0	0
Number of City Sampling Days	1	0	0	0
Number of IU Sampling Days	2	0	0	0
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	N/A	N/A
Evaluated as of:	04/28/2017	05/16/2017	N/A	N/A

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

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
1st	Parameter	02/14/2017	Composite	City	City	Copper	1.62/1.5 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	A	N/A	N/A		

Enforcement Status Codes

- | | | |
|---|--------------------------------------|---|
| A - Notice of Violation (NOV) | F - Assessment of Monetary Penalties | K - Published in Newspaper for Significant Non-Compliance (SNC) In Prior Reporting Year |
| B - Administrative Order (AO) | G - Restriction of Flow | L - Temporary Increase in IU Self-Monitoring (TISM) |
| C - Civil Action Filed | H - Permit Revocation | 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 Heat Treating, Inc.

Process Flow: 200 (GPD) Average

General Information and type of wastewater treatment	<p>Phoenix Heat Treating, Inc. performs commercial and aerospace heat-treating, electro-polishing, brightening, black oxide coating, and acid / caustic cleaning. Phoenix Heat Treating, Inc. has nine (9) process lines (regulated wawtestreams); only the Aluminum line is discharged to the sanitary sewer system.</p> <p>The wastewater treatment consists of segregation and process control.</p>
First Quarter	
Second Quarter	<p>On 04/05/2017, the City became aware of a quarterly Copper exceedance. An NOV requiring a detailed written report was issued on 04/10/2017. All requirements of the NOV were met.</p> <p>Effective midnight 05/16/2017, Phoenix Heat Treating Inc.'s Class A Wastewater Discharge Permit No. 1611-1910 was terminated and a Class B Zero Wastewater Discharge Permit No. 1705-1910 became effective on 05/17/2017.</p>
Third Quarter	
Fourth Quarter	

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

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

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

NAME: Phoenix Indian Medical Center			REPORT PERIOD: 01/01/2017 through 12/31/2017	
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:	07/19/2017		RCRA NOTICE: 12/28/1990	
SLUG CONTROL PLAN EVALUATION DATE:	07/19/2017		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	1	0
Number of City Sampling Days	2	2	2	0
Number of IU Sampling Days	3	3	1	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	1
Compliance Status	C	C	I	I
Evaluated as of:	04/25/2017	07/27/2017	10/30/2017	01/31/2018

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	Effluent Permit Condition	08/31/2017	Composite	City	City	Mercury Failure to Sample pH	0.00297 mg/L / 0.0023 mg/L	3
4 th		12/29/2017	Grab	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, 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 | |
| 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: 62,046 (GPD) Average

General Information and type of wastewater treatment	This facility is a full service hospital with medical, dental, and surgical operations. Wastewater treatment consists of solids separation, amalgam filtering, and settling.
First Quarter	
Second Quarter	
Third Quarter	On 10/16/2017, A Notice of Violation was issued for a Mercury effluent limits violation discovered during City Sampling at Phoenix Indian Medical Center on 08/31/2017. A Temporary Increase in Self-Monitoring was also issued for the sampling event. All requirements have been met.
Fourth Quarter	On 1/17/18, A Notice of Violation was issued for Failure to Sample pH in the month of November. It was discovered during review of Phoenix Indian Medical Center's monthly Self-monitoring report on 12/29/2017. The NOV will be issued during the 1 st Quarter of 2018.

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

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

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

NAME: Phoenix Manufacturing, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 12/11/2017	PERMIT EFFECTIVE: 05/01/2017	PERMIT EXPIRES: 04/30/2022		
SAMPLING LOCATION VERIFIED ON: 07/10/2017	RCRA NOTICE: 02/28/1990			
SLUG CONTROL PLAN EVALUATION DATE: 07/10/2017	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	2	2	3	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	2	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	04/13/2017	07/06/2017	10/10/2017	01/28/2018

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	Reporting	01/29/2017	N/A	N/A	N/A	Late Self-Monitoring Report		
1 st	Reporting	02/18/2017	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 | 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: 9,215 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	<p>On 02/06/2017, an NOV was issued for submitting a late self-monitoring report which was due 01/28/2017. The SMR was received on 02/03/2017; 6 days late. All requirements of the NOV were met however; the NOV response was late.</p> <p>On 03/08/2017, an NOV was issued for submitting a late response to the NOV sent 02/06/2017. The response was due on 02/17/2017 but wasn't received until 03/03/2017, 14 days late. All requirements of the NOV were met.</p>
Second Quarter	<p>A renewed permit was issued on 04/24/2017. The permit is effective 05/01/2017 and expires 04/30/2022.</p>
Third Quarter	
Fourth Quarter	

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Prudential Overall Supply

Process Flow: 40,016 (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	

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: Quantum Global Technology, LLC dba Quantum Clean
 Process Flow: 1,416 (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: 301 (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	<p>During the first quarter of 2017, an NOV was issued for submitting a late self-monitoring report which was due on 10/28/2016. The SMR was received on 10/30/2016; 2 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**

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Rexam Beverage Can Company

Process Flow: 130,875 (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	<p>On 09/26/2017, Rexam Beverage Can Company was issued a new water discharge permit, Permit N^o: 1710-5475. The new permit took effect on 10/01/2017 and expires on 09/30/2022. The facility was reclassified as an Existing Source (Appendix Y).</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: Safeway Phoenix Ice Cream Plant		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 01/01/2013	PERMIT EXPIRES: 12/31/2017	
SAMPLING LOCATION VERIFIED ON: 03/24/2017		RCRA NOTICE: 02/01/2003		
SLUG CONTROL PLAN EVALUATION DATE: 03/24/2017		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	7	0	7	0
Number of IU Sampling Days	1	0	1	0
Number of Parameter Violations	1	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:	04/25/2017	07/22/2017	10/25/2017	02/08/2018

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	Effluent	09/28/2017	Grab	City	City	pH	11.1/10.5 S.U	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)		
Enforcement Status			N	N	A	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 | |
| 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: Safeway, Inc. Phoenix Ice Cream Plant

Process Flow: 68,751 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	
Second Quarter	
Third Quarter	<p>On 09/28/2017 the City issued a field effluent NOV for a pH exceedance that occurred during City monitoring. All NOV requirements were met.</p>
Fourth Quarter	<p>On 10/02/2018 the City issued a TISM for a pH exceedance that occurred during City monitoring on 09/28/2017. All requirements of the TISM were met.</p>

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

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

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

NAME: Sapa Extrusions North America, LLC - Plant 1 Extrusion Operation		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 02/01/2013		PERMIT EXPIRES: 12/31/2017	
SAMPLING LOCATION VERIFIED ON: 09/18/2017		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 02/16/2017		COMPLIANCE SAMPLING POINT No: 21491.02		
	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	2	3	0	3
Number of IU Sampling Days	7	4	3	6
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:	04/28/17	07/24/17	10/09/2017	01/17/2018

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	Effluent	12/31/2016	Composite	City	City	Zinc	1.3 mg/L / 1.06 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	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: Sapa Extrusions North America, LLC - Plant 1 Extrusion Operation
 Process Flow: 17,110 (GPD) Average

General Information and type of wastewater treatment	<p>Sapa Extrusions 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. Pretreatment consists of gravity separation of oil and grease, filtration, and pH adjustment.</p>
First Quarter	<p>On 01/27/17, Sapa Extrusions North America, LLC – Plant 1 Extrusion Operation received an NOV for an effluent violation which occurred during city sampling conducted on 12/31/2016. 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: Sapa Extrusions North America, LLC - Plant 2 Extrusion Operation			REPORT PERIOD: 01/01/2017 through 12/31/2017	
SERVICE ADDRESS: 50 South 49 th Avenue Phoenix Arizona		MAILING ADDRESS: 249 South 51st Avenue Phoenix Arizona 85043-3715		
CATEGORICAL USER? Yes	40 CFR 467.35	LIMITS APPENDIX: I	BMR SUBMITTED: 02/28/2003	
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 02/01/2013		PERMIT EXPIRES: 12/31/2017	
SAMPLING LOCATION VERIFIED ON: 09/19/2017		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: 02/17/2017		COMPLIANCE SAMPLING POINT No: 21489.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	0	0	1	0
Number of City Sampling Days	2	3	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	0	0
Compliance Status	C	C	C	C
Evaluated as of:	04/26/2017	07/21/2017	11/16/2017	01/16/2018

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: Sapa Extrusions North America, LLC - Plant 2 Extrusion Operation

Process Flow: 1,146 (GPD) Average

General Information and type of wastewater treatment	<p>Sapa Extrusions North America, LLC - Plant 2 Extrusion Operation manufactures aluminum parts and tubing via extrusion press forming.</p> <p>Pretreatment consists of wastestream segregation, gravity separation of oil and grease, filtration, and pH adjustment, a compliance sampling point as well as an evaporator.</p> <p>The facility samples for Oil and Grease in lieu of Total Toxic Organics.</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: Sapa Extrusions North America, LLC - Remelt Operation

Process Flow: 10,314 (GPD) Average

General Information and type of wastewater treatment	<p>Sapa Extrusions North America, LLC - 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>.</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: Sav-On Plating, Inc.
 Process Flow: 23,572 (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**

NAME: Semi Ray Inspection Services, Inc. TERMINATED Semiray Special Process Division		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 3027 East Washington Street Phoenix, Arizona 85034-1517		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED: 12/09/2004	
TTO CERTIFICATION DATE SUBMITTED: 03/28/2017	PERMIT EFFECTIVE: 12/01/2014	PERMIT EXPIRES: 02/16/2017 TERMINATED		
SAMPLING LOCATION VERIFIED ON: 02/09/2017	RCRA NOTICE: 11/10/2004			
SLUG CONTROL PLAN EVALUATION DATE: 02/09/2017	COMPLIANCE SAMPLING POINT No: 22055.02			
	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			
Number of City Sampling Days	2			
Number of IU Sampling Days	1			
Number of Parameter Violations	0			
Number of Inspection Violations	0			
Number of Reporting Violations	0			
Number of Permit Cond. Violations	0			
Compliance Status	C			
Evaluated as of:	03/28/2017			

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					

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: Semi Ray Inspection Services, Inc.
Semiray Special Process Division
 Process Flow: 5,396 (GPD) Average

General Information and type of wastewater treatment	<p>This facility conducts chromate conversion coating, chromic and nitric acid passivation, anodizing, chemical etching, dye penetrant testing, masking, and X-ray testing. Pretreatment consists of stream segregation, hydroxide precipitation, sedimentation, filtration, and pH neutralization.</p>
First Quarter	<p>Mistras Group, Inc. purchased Semiray Inspection Services, Inc., effective February 17, 2017. Class A Wastewater Discharge Permit N^o 1412-22055 for Semiray Inspection Services, Inc. was terminated effective midnight February 16, 2017. Class A Wastewater Discharge Permit N^o 1702-22055 for Mistras Group, Inc. became effective on February 17, 2017.</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

NAME: Shamrock Foods Company-Dairy Division				REPORT PERIOD: 01/01/2017 through 12/31/2017					
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: 10/01/2013		PERMIT EXPIRES: 06/30/2018			
SAMPLING LOCATION VERIFIED ON: 10/23/2017				RCRA NOTICE: 02/28/1990					
SLUG CONTROL PLAN EVALUATION DATE: 11/21/2017				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		0		0		0		1	
Number of City Sampling Days		6		6		4		0	
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:		04/17/2017		07/18/2017		11/07/2017		01/31/2018	

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	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: 606,066 (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 Flootation (DAF) and pH adjustment.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

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

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

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

NAME: Shearer's Foods, LLC – Barrel 0' Fun Snack Foods Southwest		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 7330 West Sherman Street Phoenix Arizona 85043-4751		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 06/07/2016	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 07/01/2016	PERMIT EXPIRES: 06/30/2021	
SAMPLING LOCATION VERIFIED ON: 03/16/2017		RCRA NOTICE: 06/13/2016		
SLUG CONTROL PLAN EVALUATION DATE: 03/16/2017		COMPLIANCE SAMPLING POINT No: 33399.01		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	3	3	3	3
Number of IU Sampling Days	1	1	1	0
Number of Parameter Violations	1	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	1	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	04/28/2017	07/31/2017	10/30/2017	02/01/2018

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	Reporting	01/21/2017	N/A	N/A	N/A	24-hour Notification Ph Instantaneous	4.2 / 5.0 S.U	Continuous
1 ST	Effluent	01/20/2017	Grab	City	IU			
			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) For Year Ending December 31, 2017	J - Disconnection from Sewer	N- No Enforcement Action

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Shearer's Foods, LLC - Barrel O' Fun Snack Foods Southwest
 Process Flow: 166,042 (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 02/01/2017, the City rescinded a Notice of Violation dated 07/01/2016 for late 24-hour Notification of pH violation – 35-days late. The IU was operating without an effective permit since the purchase of the facility from Barrel O'Fun Snack Foods on 11/23/2015; therefore, Shearer's Foods could not have violated this permit condition.</p> <p>On 02/15/2017, the City rescinded the SNC Notification dated 07/20/2016 for late 24-hour Notification of pH violation – 35-days late. the IU was operating without an effective permit since the purchase of the facility from Barrel O'Fun Snack Foods on 11/23/2015; therefore, Shearer's Foods was not subject to SNC for reporting greater than 30-days late.</p> <p>On 03/01/2017, A Notice of Violation was Issued for Failure to Report within a 24-hour period of the effluent violation that was discovered during review of January 2017 Self-Monitoring Report. All requirements were met.</p> <p>On 03/02/2017, A Notice of Violation was issued for a pH effluent that was below the minimum standard units limit of 5.0. Since, Shearer's Foods, LLC - Barrel O' Fun Snack Foods Southwest is on continous pH a Demand Inspection was conducted to fulfill the required 30 day resample as well as a Temporary Increase in Self-Monitoring. The Inspection was conducted in lieu with their requiried Annual Inspection. All requiments 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: Signetix, Inc.

Process Flow: 2,687 (GPD) Average

General Information and type of wastewater treatment	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.
First Quarter	Permit 1702-20729 was issued on 01/20/2017 and became effective on 02/01/2017.
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: SkyChefs, Inc. – LSG SkyChefs		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 1451 South 23rd 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: 01/26/2017		RCRA NOTICE: 02/28/1990		
SLUG CONTROL PLAN EVALUATION DATE: N/A		COMPLIANCE SAMPLING POINT №: 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	1	0	0	0
Number of City Sampling Days	1	3	2	2
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	1	0	1	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	I	C
Evaluated as of:	04/26/2017	07/28/2017	10/26/2017	01/24/2018

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	Reporting	01/14/2017	N/A	N/A	N/A	NOV Response Report 12-Days Late Failure to Report pH		
3 rd	Reporting	07/28/2017	N/A	N/A	N/A			
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	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: SkyChefs, Inc. – LSG SkyChefs

Process Flow: 83,120 (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	<p>On 02/08/2017, SkyChefs Inc., was issued a Notice of Violation (NOV) for late reporting. The NOV Response Report was due on 01/13/2017, but was not submitted until 01/25/2017, 12-days late. All requirements of the NOV were met.</p> <p>On 03/07/2017, SkyChefs Inc., was issued an NOV for pH violations which occurred on 08/09/2016 and 08/10/2016, during a four-day Temporary Increase in Self-Monitoring continuous pH-study. All requirements of the NOV were met.</p>
Second Quarter	
Third Quarter	<p>On 07/01/2017, SkyChefs Inc., was issued a new Wastewater Discharge Permit. The permit number is 1707-2390 and it expires on 06/20/2022.</p> <p>On 08/01/2017, SkyChefs Inc., was issued a Notice of Violation (NOV) for failure to report pH on the Self-Monitoring Report (SMR) that was received 07/28/2017. All requirements of the NOV were met.</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: Specialty Textile Services

Process Flow: 87,919 (GPD) Average

General Information and type of wastewater treatment	Specialty Textile is a commercial laundry which launders linens from resort hotels and restaurants. Pretreatment consists of gravity separation for lint and pH neutralization.
First Quarter	
Second Quarter	
Third Quarter	On 07/01/2017, Specialty Textile Services was issued a new Wastewater Discharge Permit. The permit number is 1707-5373 and expires on 06/30/2022.
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: SUMCO Southwest Corporation		REPORT PERIOD: 12/01/2017 through 12/31/2017		
SERVICE ADDRESS: 19801 North Tatum Boulevard Phoenix, Arizona 85050-4201		MAILING ADDRESS: Same		
CATEGORICAL USER? Yes	40 CFR 469.28	LIMITS APPENDIX: T	BMR SUBMITTED: 03/27/1997	
TTO CERTIFICATION DATE SUBMITTED: 01/30/2015		PERMIT EFFECTIVE: 03/01/2017	PERMIT EXPIRES: 02/28/2022	
SAMPLING LOCATION VERIFIED ON: 01/18/2017		RCRA NOTICE: 01/16/1997		
SLUG CONTROL PLAN EVALUATION DATE: 01/21/2015		COMPLIANCE SAMPLING POINT No: 5340.01		
	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	6	3	2
Number of IU Sampling Days	3	6	3	2
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:	04/28/2017	07/21/2017	11/01/2017	01/25/2018

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
4 th	Effluent	12/08/2017	Composite	City	IU	Mercury 24-hour notification	0.0026 mg/L / 0.0023 mg/L	5
4 th	Reporting	12/20/2017	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: SUMCO Southwest Corporation

Process Flow: 904,577 (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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 01/19/2018 a Notice of Violation was issued to SUMCO Southwest Corporation for an effluent limit exceedance that was discovered during 12/08/2017 compliance sampling. SUMCO Southwest Corporation has been issued a Temporary Increase of Self-monitoring for Mercury once (1) per week for four (4) consecutive weeks. They are currently finishing their required sampling.</p> <p>On 01/22/2018 a Notice of Violation was issued to SUMCO Southwest Corporation for late reporting of the Mercury effluent limit exceedance. SUMCO Southwest Corporation was 29 days late in the reporting of the exceedance. Response is due no later than 02/06/2018.</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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Sumika Electronic Materials

Process Flow: 1,086 GPD (Average)

General Information and type of wastewater treatment	<p>Sumika is a custom Gallium Arsenide epitaxial wafer manufacturing facility. The III-V Division in Phoenix, AZ provides GaAs, AlGaAs, InGaP, InGaAs, InAIAs, and InP epitaxial services for fiber optic. Digital communication and wireless applications. Sumika 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. Sumika 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	
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: The Proctor & Gamble Manufacturing Company

Process Flow: 17,336 (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 No

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Unifirst Corporation

Process Flow: 93,833 (GPD) Average

General Information and type of wastewater treatment	<p>The facility is an industrial laundry. They launder uniforms and various textiles. Wastewater pretreatment consists of segregation of wastestreams, oily waste removal, flocculation, dissolved air flotation, and pH neutralization.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>On 07/01/2017, Unifirst Corporation was issued a new Wastewater Discharge Permit. The permit number is 1712-3770 and it expires on 11/30/2022.</p>

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Upper Crust Bakery
 Process Flow: 40,001 GPD (average)

General Information and type of wastewater treatment	<p>This facility produces baked goods including muffins, breads, scones, croissants, and cakes. The facility is researching and troubleshooting future treatment technologies in order to meet Special Condition № 2 of the Permit which requires submittal of drawings for an engineered pretreatment system including pH neutralization; construction of the system; and movement of the temporary CSP to the 0.75' H-flume by May 31, 2018.</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: Valkyrie Industries, Inc.			REPORT PERIOD: 01/01/2017 through 12/31/2017	
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: 03/14/2016		PERMIT EFFECTIVE: 01/01/2018	PERMIT EXPIRES: 12/31/2022	
SAMPLING LOCATION VERIFIED ON: 10/24/2017		RCRA NOTICE: 07/12/2002		
SLUG CONTROL PLAN EVALUATION DATE: 03/14/2016		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	0	1
Number of City Sampling Days	6	3	4	1
Number of IU Sampling Days	3	3	3	3
Number of Parameter Violations	0	0	1	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	1	0	0
Compliance Status	C	I	I	C
Evaluated as of:	05/04/2017	07/27/2017	11/07/2017	01/31/2018

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	Permit Conditions	12/28/2016	N/A	Federal	IU	Failure to Sample Cyanide		N/A
2 nd	Permit Conditions	04/30/2017	N/A	Federal	IU	Failure to Sample Cyanide		N/A
3 rd	Effluent	07/18/2017	Grab	Federal	City	Cyanide	1.86/1.20 mg/L	3
			1st Quarter (Jan 1 – Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 – Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			A	A	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: 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	<p>On 12/28/2016 the City became aware of a permit condition violation for failure to correctly analyze a November 2016 Cyanide sample within the holding time specified in 40 CFR 136. A Notice of Violation (NOV) was issued on 01/04/2017. All requirements of the NOV were met.</p>
Second Quarter	<p>On 04/30/2017 the City became aware of a permit condition violation for failure to correctly analyze a November 2016 Cyanide sample within the holding time specified in 40 CFR 136. A Notice of Violation (NOV) was issued on 06/01/2017. All requirements of the NOV were met.</p>
Third Quarter	<p>On 07/18/2017 the discharge to sewer from Valkyrie Industries, Inc. exceeded the maximum allowable concentration for Cyanide. An NOV was issued on 08/30/2017 in addition to a 30 day resample requirement. 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: World Resources Company

Process Flow: 32,474 (GPD) Average

General Information and type of wastewater treatment	
The facility receives metal-laden waste sludge from off site and performs material blending and compounding, solar, and thermal drying, and product formulating. The pretreatment process consists of hydroxide precipitation, flocculation, sedimentation, ion exchange 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

SECTION 2.4
CITY OF SCOTTSDALE

POTW PRETREATMENT ANNUAL REPORT

CITY OF SCOTTSDALE, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2017 through 12/31/2017

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

NPDES Permit Number: AZ0020524

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

Zoli Dregely
Pretreatment Coordinator
8787 East Hualapai Drive, PO Box 25089
Scottsdale, Arizona 85255-0176
480-312-8709

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.

1-31-18

Date:



Brian K. Biesemeyer
Executive Director
Water Resources Division, City of Scottsdale, Arizona



INTRODUCTION

2017 Annual Report

City of Scottsdale Water Resources – Industrial Pretreatment

Scottsdale’s 185 square miles is located in the Salt River Valley in central Arizona. It is known for its extensive list of art galleries, specialty shops, golf courses, restaurants, resorts, and nightlife. It is also a popular retirement and tourist community featuring 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 July 2017, the estimated population was 217,385.

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 a number of 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.

The city is governed by a mayor and a city council, all of whom 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’s Industrial Pretreatment Program, was approved by the US Environmental Protection Agency in 1983, and presently holds permits with six significant industrial users (SIUs) that are sampled every quarter. In 2017 the Pretreatment Program completed 4090 inspections of food service establishments (FSE), automotive service and repair facilities, dry cleaners, and industrial waste surveys to ensure compliance with local and federal regulations.



POLLUTION PREVENTION PROGRAM SUMMARY

2017 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

The City of Scottsdale participated with the (SROG) cities in sampling events during the year. Monthly wastewater samples were collected at the Scottsdale meter station and split with the City of Phoenix as a quality assurance check. Similarly, split samples are taken on a quarterly basis 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) each quarter. Under their industrial wastewater permit, all SIUs must sample, analyze, and submit quarterly self-monitoring reports to the City. Lab data from these quarterly sample events are used to determine whether a facility meets compliance within federal, categorical, and/or local limits standards. At a minimum each facility is inspected annually by City industrial pretreatment staff.

INDUSTRIAL WASTE SURVEYS

The Industrial Pretreatment group identifies key sites within its conveyance system and samples the wastewater for pollutants of concern when necessary. Based upon sample analysis and continuous Industrial/Commercial surveys and inspections, sources for potential pollutant discharges can more effectively be recognized and monitored by the City. In 2017, the Pretreatment group inspected 98 commercial facilities and entered each into a database for future tracking and inspection scheduling.

FOOD SERVICE ESTABLISHMENTS (FOG PROGRAM)

The Pretreatment group operates a Fats, Oils, and Grease (FOG) reduction program that monitors grease traps and interceptors at 1054 food service establishments (FSE) to ensure that adequate pumping frequencies are met. In the last year several FSEs were issued correction notices to comply with city code by installing grease capturing devices in their kitchen. Overall 3785 inspections were performed at bars, restaurants, hotels, night clubs, and golf courses in 2017. Inspection procedures include a visual check of the grease capturing device, a review of recent pumping manifests, and verbal review of BMPs that should be utilized in the kitchen to reduce waste.

AUTOMOTIVE SERVICE & REPAIR FACILITIES (POG PROGRAM)

In Scottsdale there are 254 automotive service and/or repair shops that have sand/oil interceptors, and each facility is inspected on at least an annual basis. Pretreatment staff visually inspected 168 Petroleum, Oils, and Grease (POG) devices and review pumping records at each inspection. Automotive shops BMPs are reviewed, and where appropriate, educational materials are dispersed.

EDUCATIONAL SOURCE CONTROL PROGRAMS

The City of Scottsdale currently promotes educational source control through the City's Pollution Prevention Program, which includes the Water Resource Citizens Academy for Residence, Household Hazardous Waste Program, Electronic Recycling Waste Collection Program, Waste Minimization Program, and the Curbside Recycling Program: Large amounts of poisons, toxic chemicals and materials have been diverted from the normal waste streams. Previous to these programs, these toxics would have simply been discharged to the municipal sewer or ended up in the 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 in an effort 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
The Scottsdale Citizen	Quarterly magazine	Mailed to Scottsdale residences
The City Line	Weekly Newsletter	E-Mailed to Scottsdale employees
Water Resources	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, 2017 – December 31, 2017 – Total Pretreatment Expenditures \$ **444,093**

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2017</u>	<u>FTEs 2016</u>
Regulatory Compliance Manager	0.2	0.2
Water Quality Coordinator	1.0	1.0
Water Quality Specialists	*5.0	*5.0
 *Added employee shares other responsibilities in different programs within water quality		

PRETREATMENT PROGRAM EXPENDITURES

Laboratory Services	\$ 25,700
Operating Supplies and Expenses	\$ 418,393

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2017</u>	<u>Total 2017</u>
pH Meter	0	3
Gas Detectors	0	2
Portable Auto-Sampler	0	6
Vehicles	0	5
Computers / Software	0	10
Area Velocity Probes	0	3
Samplers / pH	0	1

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
1.	General Dynamics Mission Systems 8201 East McDowell Road MD H2308 Scottsdale, Arizona 85252-3812	91 st Ave	3661 3663	Local Limits
2.	Henkel Consumer Goods Inc. 19001 North Scottsdale Road Scottsdale, Arizona 85255-9679	91 st Ave	8730 2841	Local Limits
3.	Mayo Clinic Scottsdale 13400 East Shea Boulevard Scottsdale Arizona 85259-5499	91 st Ave	8062	Local Limits
4.	Scottsdale HealthCare Osborn 7400 East Osborn Road Scottsdale, Arizona 85251-6432	91 st Ave	8062	Local Limits
5.	Scottsdale HealthCare Shea 9003 East Shea Boulevard Scottsdale, Arizona 85260-6709	91 st Ave	8062	Local Limits
6.	Scottsdale HealthCare Thompson Peak Pkwy 7400 East Thompson Peak Parkway Scottsdale, Arizona 85255-4109	91 st Ave	8062	Local Limits

ADDITIONS

The following Significant Industrial Users were added in 2017:

None

DELETIONS

The following Significant Industrial Users have ceased operations in 2017:

None

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2017:

None

NAME CHANGES

The following Significant Industrial Users changed their names in 2017:

None

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

I. General Information							
Control Authority Name: City of Scottsdale			NPDES No.: AZ0020524				
Address: 8787 East Hualapai Drive		City: Scottsdale		State: Arizona		ZIP: 85255	
Contact Person: Zoli Dregely				Contact Telephone Number: (480) 312-8709			
Reporting Period: January 1 – December 31, 2017			Categorical IUs: 0		Significant Non-Categorical IUs: 6		
II. Significant Industrial User Compliance							
		Categorical		Non-categorical		Total SIUs	
		No.	%	No.	%	No.	%
1.	No. of SIUs in Full Compliance	0	0%	5	100%	6	100%
2.	No. of SIUs in Inconsistent Compliance	0	0%	0	0%	0	17%
3.	No. of SIUs in Significant Noncompliance	0	0%	0	0%	0	0%
4.	No. of Parameter Violations	0		0		0	
5.	No. of Reporting Violations	0		0		0	
6.	No. of Permit Condition Violations	0		0		0	
III. Compliance Monitoring Program							
		Categorical		Non-categorical		Total SIUs	
		No.	%	No.	%	No.	%
1.	No. of Control Documents Issued	0		6		6	
2.	No. of Non sampling Inspections Conducted	0		6		6	
3.	No. of Facilities Inspected (Non sampling)	0		6		6	
4.	No. of Sampling Visits Conducted	0		25		25	
5.	No. of Facilities Sampled	0		6		6	
IV. Enforcement Actions							
		Categorical		Non-categorical		Total SIUs	
		No.	%	No.	%	No.	%
1.	Notices of Violations Issued to SIUs	0		0		0	
2.	Temporary Increase in IU Self Monitoring	0		0		0	
3.	Administrative Orders Issued to SIUs	0		0		0	
4.	Compliance Schedules Issued	0		0		0	
5.	Settlement Agreements	0		0		0	
6.	Other Actions	0		0		0	
7.	Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$ 0.00 / 0		\$ 0.00/ 0		\$0 .00 / 0	

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: General Dynamics Mission Systems

Process Flow: Batch Discharge-40,000 per discharge-average

<div style="border: 1px solid black; padding: 2px;">General Information and type of wastewater treatment</div>	<p>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.</p> <p>The C4S WWTP operates on an as needed basis. When sufficient wastewater has been collected to warrant several hours of operation, the WWTP is operated. In general this turns out to be about once per calendar quarter. Waste water generated during plant shutdown periods is stored in a collection tank called the equalization tank (ET) and in four (4) 15,000 gallon auxiliary storage tanks. A bromine sanitizing agent and gypsum buffering agent are added to stored wastewater to prevent bacteria formation and to stabilize pH respectively. The WWTP will operate in recirculation mode occasionally to mix and aerate the water. Recirculation mode recirculates wastewater from the ET tank through the bromine and gypsum tanks back to the ET tank. During plant operation, stored wastewater is pumped through a series of filtration devices designed to remove any regulated impurities. After filtration, the water is discharged to the City's sewer system. Valves, pumps and flows are computer controlled and monitored via a programmable logic controller. pH is also monitored by the same system. The PLC will shut down if the pH exceeds permit limits. An inline flow meter monitors flow at the compliance point just prior to the sampling box and v-notch weir. General Dynamics has applied and submitted data to be considered for "status" as a Non-Significant Industrial User. This new discharge permit request is currently under review.</p>
<div style="border: 1px solid black; padding: 2px;">First Quarter</div>	<p>The City of Scottsdale and General Dynamics Mission Systems separately conducted quarterly sample monitoring of the facility.</p>
<div style="border: 1px solid black; padding: 2px;">Second Quarter</div>	<p>General Dynamics Missions Systems did not discharge process wastewater during this quarter.</p>
<div style="border: 1px solid black; padding: 2px;">Third Quarter</div>	<p>The City of Scottsdale and General Dynamics Mission Systems separately conducted quarterly sample monitoring of the facility. The City of Scottsdale conducted an additional quarterly monitoring sampling event for the quarter.</p>
<div style="border: 1px solid black; padding: 2px;">Fourth Quarter</div>	<p>General Dynamics did not discharge process wastewater for this quarter. A facility inspection by city staff was conducted at the General Dynamics Mission Systems site,</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: Henkel Consumer Goods Inc.
 Process Flow: 33,882 (GPD) Average

General Information and type of wastewater treatment	<p>Henkel Consumer Goods Inc. is the North American company headquarters for research and development. The 350,000 square foot LEED Certified building contains laboratories and pilot plants designed to run small batch-type scale samples that support research and development of the Home, Laundry, Personal Care, and Hair Care products. Product development labs include Personal, Home, and Laundry Care. Additionally, there are two pilot plants, one for Personal Care and one for Laundry/Home Care. Smaller support labs for analytical, microbiology, and package testing are also on site. Henkel is a non-categorical significant industrial user. Henkel implements a barcoding system with a full-time staff member to track accumulated hazardous waste, which is collected and hauled off site for treatment and disposal.</p>
First Quarter	<p>The City of Scottsdale and Scottsdale Henkel Consumer Goods separately conducted quarterly sample monitoring.</p>
Second Quarter	<p>The City of Scottsdale and Scottsdale Henkel Consumer Goods separately conducted quarterly sample monitoring.</p>
Third Quarter	<p>The City of Scottsdale and Scottsdale Henkel Consumer Goods separately conducted quarterly sample monitoring. City Staff conducted facility inspection.</p>
Fourth Quarter	<p>The City of Scottsdale and Scottsdale Henkel Consumer Goods separately conducted quarterly sample monitoring.</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: Mayo Clinic Scottsdale

Process Flow: 96,689 (GPD) Average

General Information and type of wastewater treatment	
<p>Mayo Clinic Scottsdale is a multi-specialty outpatient treatment clinic located on a 250-acre campus. Mayo Clinic Scottsdale also conducts medical research related activities at their multiple research laboratories located at the SC Johnson research facility. This Industrial User is a non-categorical significant industrial user. Mayo Clinic utilizes pH neutralization treatment and best management practices at all of their analytical, research laboratories and ancillary operations.</p>	
First Quarter	
	<p>City of Scottsdale and Mayo Clinic Scottsdale separately conducted quarterly sample monitoring of the facility.</p>
Second Quarter	
	<p>City of Scottsdale and Mayo Clinic Scottsdale separately conducted quarterly sample monitoring of the facility. A facility inspection was completed by City of Scottsdale staff this quarter.</p>
Third Quarter	
	<p>City of Scottsdale and Mayo Clinic Scottsdale separately conducted quarterly sample monitoring of the facility.</p>
Fourth Quarter	
	<p>City of Scottsdale and Mayo Clinic Scottsdale separately conducted quarterly sample monitoring of the facility.</p>

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Mayo Clinic Scottsdale

Process Flow: 96,689 (GPD) Average

General Information and type of wastewater treatment	<p>Mayo Clinic Scottsdale is a multi-specialty outpatient treatment clinic located on a 250-acre campus. Mayo Clinic Scottsdale also conducts medical research related activities at their multiple research laboratories located at the SC Johnson research facility. This Industrial User is a non-categorical significant industrial user. Mayo Clinic utilizes pH neutralization treatment and best management practices at all of their analytical, research laboratories and ancillary operations.</p>
First Quarter	<p>City of Scottsdale and Mayo Clinic Scottsdale separately conducted quarterly sample monitoring of the facility.</p>
Second Quarter	<p>City of Scottsdale and Mayo Clinic Scottsdale separately conducted quarterly sample monitoring of the facility. A facility inspection was completed by Scottsdale staff this quarter</p>
Third Quarter	<p>City of Scottsdale and Mayo Clinic Scottsdale separately conducted quarterly sample monitoring of the facility.</p>
Fourth Quarter	<p>City of Scottsdale and Mayo Clinic Scottsdale separately conducted quarterly sample monitoring of the facility.</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**

NAME: Scottsdale Healthcare – Osborn		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 7400 East Osborn Road Scottsdale, Arizona 85251-6432		MAILING ADDRESS: Same		
CATEGORICAL USER? No	40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 11/15/1991	
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 01/01/2016	PERMIT EXPIRES: 12/31/2021	
SAMPLING LOCATION VERIFIED ON: 01/11/2017		RCRA NOTICE: 08/17/1992		
SLUG CONTROL PLAN EVALUATION DATE: 08/22/2017		COMPLIANCE SAMPLING POINT No: 6006-1N/ and 2S		
	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	1	1	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	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	04/21/2017	07/18/2017	10/12/2017	01/22/2018

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: Scottsdale Healthcare – Osborn

Process Flow: 121,465 (GPD) Average

General Information and type of wastewater treatment	<p>Scottsdale Healthcare Osborn is a full service hospital health care facility (SIC 8062). Scottsdale Healthcare Osborn is a non-categorical significant industrial user. Scottsdale Healthcare Osborn utilizes Best Management Practices as their primary treatment of process wastewater.</p>
First Quarter	<p>The City of Scottsdale and Scottsdale Healthcare Osborn separately conducted quarterly sample monitoring.</p>
Second Quarter	<p>The City of Scottsdale and Scottsdale Healthcare Osborn separately conducted quarterly sample monitoring. City staff completed facility inspection.</p>
Third Quarter	<p>The City of Scottsdale and Scottsdale Healthcare Osborn separately conducted quarterly sample monitoring.</p>
Fourth Quarter	<p>The City of Scottsdale and Scottsdale Healthcare Osborn separately conducted quarterly sample monitoring.</p>

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Scottsdale Healthcare – Shea

Process Flow: 150,000 (GPD) Average

General Information and type of wastewater treatment	<p>Scottsdale Shea Medical Center, formerly Scottsdale Healthcare Shea is a a dull service hospital healthcare facility (SIC 8062). Scottsdale Shea Medical Center is a non-categorical significant industrial user. Scottsdale Shea Medical Center utilizes pH neutralization and Best Management Practices as their primary treatment of process wastewater.</p>
First Quarter	<p>City of Scottsdale and Scottsdale Shea Medical Center separately conducted quarterly sample monitoring of the facility.</p>
Second Quarter	<p>City of Scottsdale and Scottsdale Shea Medical Center separately conducted quarterly sample monitoring of the facility.</p>
Third Quarter	<p>City of Scottsdale and Scottsdale Shea Medical Center separately conducted quarterly sample monitoring of the facility. City staff completed facility inspection.</p>
Fourth Quarter	<p>City of Scottsdale and Scottsdale Shea Medical Center separately conducted quarterly sample monitoring of the facility.</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 SCOTTSDALE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Scottsdale Healthcare – Thompson Peak Parkway		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 7400 East Thompson Peak Parkway Scottsdale, Arizona 85255-4109		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: 10/01/2013		PERMIT EXPIRES: 09/30/2018	
SAMPLING LOCATION VERIFIED ON: 01/10/2017		RCRA NOTICE: 10/01/2009		
SLUG CONTROL PLAN EVALUATION DATE: 04/06/2017		COMPLIANCE SAMPLING POINT №: 6009		
	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	1	1	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	0	0	0
Compliance Status	C	C	C	C
Evaluated as of:	04/24/2017	07/27/2017	01/18/2018	01/23/2018

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)
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: Scottsdale Healthcare – Thompson Peak Parkway

Process Flow: 28,506 (GPD) Average

General Information and type of wastewater treatment	<p>The Thompson Peak Parkway location is a part of the Scottsdale Healthcare network of hospitals. The facility is a full service hospital with a certified Chest Pain Center, emergency department, and inpatient/outpatient surgery center. Scottsdale Healthcare-Thompson Peak Parkway 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 of Scottsdale and Scottsdale Healthcare Thompson Peak Parkway separately conducted quarterly sample monitoring.</p>
Second Quarter	<p>The City of Scottsdale and Scottsdale Healthcare Thompson Peak Parkway separately conducted quarterly sample monitoring. City staff completed facility inspection.</p>
Third Quarter	<p>The City of Scottsdale and Scottsdale Healthcare Thompson Peak Parkway separately conducted quarterly sample monitoring.</p>
Fourth Quarter	<p>The City of Scottsdale and Scottsdale Healthcare Thompson Peak Parkway separately conducted quarterly sample monitoring.</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 2.5
CITY OF TEMPE

POTW PRETREATMENT ANNUAL REPORT

CITY OF TEMPE, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2017 through 01/31/2018

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

NPDES Permit Number: AZ0020524

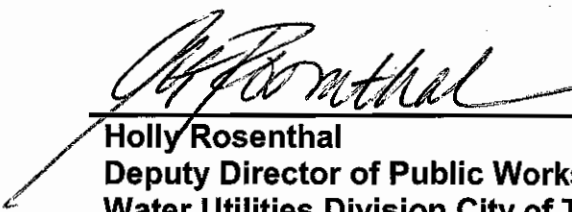
Person to Contact Concerning City of Phoenix Information Contained in the Report:

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.

1/24/18
Date:


Holly Rosenthal
Deputy Director of Public Works
Water Utilities Division City of Tempe, Arizona



INTRODUCTION

Tempe, pronounced “Tem-pee”, with a population of greater than 182,000 is the seventh 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 degrees and the average low is 55.3 degrees.

The City was founded in 1872 by Charles Trumbull Hayden 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, at an elevation of 1,105 feet, was incorporated in 1894 and presently encompasses approximately 40 square miles. Town of Guadalupe is also a part of the Tempe service area, with a land area of 0.667 square miles.

As one of the major cities 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, 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 manufacturing, residences and employment. Tempe has industrial parks, which house heavy, medium, and light industrial activities. The industrial sector is the largest work sector in Tempe, employing approximately 33 percent of Tempe’s work force.

Tempe is home to Arizona State University’s main campus. ASU is one of the five largest public universities in the nation, with an enrollment of approximately 72,000 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 objectives of this program are to regulate discharges primarily from non-domestic users (commercial and industrial facilities) which discharge toxic wastes 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, 2017 through December 31, 2017

Tempe's philosophy of encouraging industrial user ("IU") compliance continues to strengthen through use of the 2012 Enforcement Response Plan ("ERP"), which utilizes a point system and review criteria similar to Significant Non-Compliance ("SNC") methodology. The 2016 Consent Order ("CO") was completed in 2017, with the affected IU achieving a return to full compliance. Two Pretreatment Settlement Agreements ("PSA") were reached in the 2017 calendar year with one complete resolution, and the other still active pending completion of an upgrade to a pretreatment process. Additionally, the City achieved a verbal commitment from a Significant Industrial User ("SIU") to complete a \$5.4 million sewer capacity upgrade. The ERP as well as other program documents are available online at <http://www.tempe.gov/home/pretreatment>.

The City's backflow compliance database went online in April 2017. There are two additional software contracts and project charters in place for a pretreatment compliance solution and a customized application to manage the Fats Oils and Grease ("FOG") program. The FOG solution will also support administration of the Tempe Grease Cooperative ("TGC"). Both projects kicked off in January 2018.

The Environmental Compliance Inspection staff remains at a full staffing level of seven inspectors. Inspections are being conducted in a multi-media fashion where each Inspector is responsible for pretreatment (SIU, IU, FOG, and commercial), stormwater compliance (MSGP and City Code), backflow, and air quality concerns.

Environmental Services continues to support the TGC and membership continues to expand citywide. As of December 31, 2017, 197 food service establishments and five permitted IUs, including Arizona State University, are TGC members. Information about the Tempe Grease Cooperative is available at <http://www.tempe.gov/grease>.

Tempe City Council approved the updated Rules and Procedures for Interceptors and Traps for Wastewater Pretreatment in November 2017. Significant changes include right-sizing cleaning frequencies for schools, providing the Publics Works Department the flexibility to allow sizing variances, and addressing the use of grease protection devices as disposal commissaries.

CITY OF TEMPE

Annual Best Management Practices Report

**Pollution Prevention through Point Source Control Measures
&
Educational Outreach Program Efforts
for January 1, 2017 through December 31, 2017**

CITY OF TEMPE

2017 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 commercial and industrial discharge sources to identify possible sources of arsenic, chromium, copper, cyanide, lead, nickel, selenium, and zinc as well as Total Toxic Organic Compounds (“TTO”), and other prohibited materials in addition to those 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 the Annual Storm Sewer Discharge Report for the City of Tempe for 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 establishment of the permanent Household Products Collection Center enables the City of Tempe to:

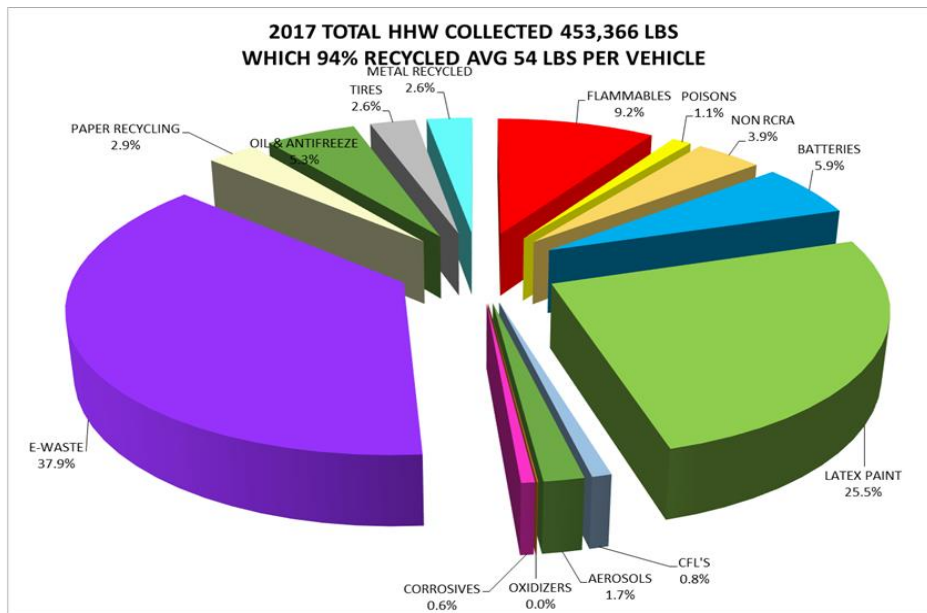
- Provide for the safe and convenient disposal of most common household products on a continuous basis;
- Enhance recycling of collected materials;
- Protect the environment and public health and safety by reducing the amount of illegal dumping; and to
- Provide public education on the proper management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

Participation at the facility has decreased by 14 percent in 2017 with 8,415 visitors that resulted in a 24 increase with the diversion of 453,366 pounds of

waste that could have otherwise been disposed of in a landfill or sanitary sewer system. The HPCC had monthly shipments of waste leave the site during 2017. This decrease may be the result a societal culture shift towards repurposing and reuse of consumable materials as well as a slowdown in the disposal of electronic waste. The permanent facility is not able to accept radioactive materials, medical waste, ammunition, or explosive materials. However, information on proper disposal options for these materials is provided.

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 facility, and it 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: <http://www.tempe.gov/householdproducts>.

[Environmental Services Section Home Page on the Internet](#)

The City's Environmental Services Section continues to revise and update its Internet website within the City's home page. Additionally, access to online test entry in support of the Cross Connection Control Program as well as pollution prevention and source control information is available to businesses and residents 24 hour a day 365 days a year. BMP material and public outreach event information is posted as it becomes available.

The City's Internet system provides information on various Departments throughout the City, including the Environmental Services Section. 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.

The Environmental Services Section 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

A newsletter of events and activities, as well as an informational insert, is provided to the residents of Tempe in the monthly water bills. Environmental Services contributed to the articles listed below. All newsletters and inserts are available at <http://www.tempe.gov/tempe today>.

January 2017 included an insert with the title "*Introducing a Sustainable Approach to Tempe's Bulk Waste Program*", which outlined Tempe's Public Works Department's green organics and bulk waste collection programs. Guidance was provided as to what each respective waste type consists of as well as a separation instructions, and access to a pick up schedule by City area. More information is available at <http://www.tempe.gov/slashthetrash>.

February 2017 included an article with the title, "*Spring Water Conservation Workshop Schedule*". The City's Public Works Department hosted five independent workshops to educate residents with the titles "Designing Your Landscape", "Installing and Maintaining Your Landscape", "Drip and Turf Irrigation" "Rain Harvesting", "Graywater Harvesting". More information is available at <http://www.tempe.gov/conservation>.

February 2017 included an article with the title "*Spring Zero Waste Day*" to promote the City's Zero Waste Day held on April 15, 2017. This event provides the platform to get rid of unnecessary clutter in an environmentally responsible way. Residents can recycle e-waste, hazardous house items and documents, and donate items to charity. The City gives away free recycled paint and Tempe-produced compost free of charge. More information is available at www.tempe.gov/ZeroWaste.

March 2017 included an article with the title “*Celebrate Tempe Bike Month in April*”, which highlighted the City’s effort to support National bike to work day as part of a collaborative effort to reduce automotive emissions, and promote good health. More information is available at <http://www.tempe.gov/bikemonth>.

April 2017 included an article with the title, “*Drop off Expired, Unused Prescription Drugs*”, 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 in an environmentally responsible manner and keep it out of the sewer waste stream.

April 2017 included an announcement in the “*Connect with Councilmembers*” 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.

May 2017 included an article with the title “*Tempe reaches halfway mark in its renewable energy goal*”, which highlighted Tempe’s partnership with SRP to finish a 1.2-megawatt solar panel installation project at the city’s Johnny G. Martinez Water Treatment Plant. The completion of the project marked milestone that put Tempe halfway toward its goal to use 20 percent renewable energy at city facilities by 2025. For more information on the city’s sustainability initiatives, visit <http://www.tempe.gov/SustainableTempe>.

May 2017 included a highlight with the title “*Low-flow toilet rebate*” promoting a \$75 rebate offered to Tempe residents that install a low flow toilet in their home. More information is available at <http://www.tempe.gov/conservation>.

May 2017 included a highlight with the title “*Stormwater safety during monsoon season*” 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 them under cover and cleaning up spills immediately after they occur they will not end up in a waterway. For additional information on Tempe’s stormwater program residents can visit, visit <http://www.tempe.gov/stormwater>.

June 2017 included a highlight with the title “*Dump the Pump on June 15*” promoting Tempe’s effort to support National Dump the Pump Day by encouraging residents to leave their cars at home and take the bus, light rail, walk or bike. Tempe makes it easy to dump the pump, with a comprehensive transportation system that includes more than 175 miles of bikeways, 9 light rail stops, 15 bus routes, 3 express routes, 1 free Flash route and 5 free Orbit neighborhood circulator routes. More information is available at <http://www.tempe.gov/tim>.

July 2017 included an article with the title *“Do you irrigate? Make it more efficient and you could get a rebate”* highlighting a rebate program that reimburses residents up to \$500 to install a smart controller (web-based irrigation programming), a rain sensor and high-efficiency spray nozzles. More information is available at <http://www.tempe.gov/conservation>.

July 2017 included an article with the title *“No paint or chemicals in the trash”*, highlighting Tempe’s Household Products Collection Center, and their efforts to keep waste out of the landfill, sewer system, and stormwater. More information is available at <http://www.tempe.gov/slashthetrash>.

July 2017 included an article with the title *“New: Drop off Your Green Organics Free!”* that provided residents with a platform to drop off green organic waste, and receive free compost material. More information is available at <http://www.tempe.gov/slashthetrash>.

August 2017 included an insert with the title *“It’s easy Being GREEN!”* highlighting Tempe’s green waste disposal options and providing guidance as to where, when, and how residents can help. More information is available at <http://www.tempe.gov/slashthetrash>.

September 2017 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.

September 2017 included an announcement for October’s Getting Arizona Involved in Neighborhoods (GAIN) event. Tempe staff distributed educational material and were on-hand to discuss environmental programs with residents and neighborhood leaders. More information is available at www.tempe.gov/GAIN.

In October 2017, Tempe Environmental Service’s staff attended a Getting Arizona Involved in Neighborhoods (GAIN) event. Staff distributed educational material and were on-hand to discuss Tempe’s environmental programs with residents and neighborhood leaders.

October 2017 included an article with the title *“Zero Waste Day is Nov. 18”* This event provides the platform to get rid of unnecessary clutter in an environmentally responsible way. Residents can recycle e-waste, hazardous house items and documents, and donate items to charity. The City gives away free recycled paint and Tempe-produced compost free of charge. More information is available at www.tempe.gov/ZeroWaste.

November 2017 included an article with the title *“Don’t be a turkey - 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 2017 included a highlight with the title *“Heed ‘No Burn Day’ warnings”*, which advised residents that to ensure our air quality meets no burn days are put into place. On days when PM is expected to be too high, a health watch or high pollution advisory is issued, resulting 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 <http://www.tempe.gov/airquality> and <http://www.cleanairmakemore.com>.

Additional outreach flyers were given to individuals attending events such as the Zero Waste Day (April 15, 2017 & November 18, 2017), the Tempe Arts Festival (April 7-9, 2017 & December 1-3, 2017), and the 2017 Arizona State University Homecoming Parade, as well as other outreach events that will best reach residential customers.

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 emailed 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 industrial facilities during site inspections. These documents are posted with other Best Management Practices brochures on the City’s website at: <http://www.tempe.gov/stormwatertips>.

Members of the City's Environmental Services Section are actively involved in various environmental, health and safety organizations such as the Arizona Water Pollution Control Association and the Water Environment Federation.

The City of Tempe participates in the Pretreatment Committee, and AZFOG Subcommittee under the AZ Water Association, an association of municipal pretreatment agencies, public and private sewer districts, and other FOG stakeholders. The goal of the AZFOG Group is to reduce the amount of FOG that enters the sanitary sewer system by adhering to four concepts: inclusion, commonality, consistency, and education. AZFOG is also working towards

solving the industry’s biggest challenges through research, study and practice, including the identification of opportunities and obstacles to repurposing FOG.

As reported in the Pretreatment Performance Summary, staff performed 38 inspections at Significant Industrial Users (SIUs). Environmental staff conducted an additional 25 inspections at Industrial Users permitted with either a Class II, III, or IV discharge permit during the period of January 1, 2017, through December 31, 2017.

The City received, and responded to, 182 call during the 2017 calendar year. Environmental staff works closely with other sections within the Water Utilities Division as well as other City Departments to prevent discharges to both the sanitary and storm sewers that could adversely affect both systems. The responses to the calls are summarized in the following manner:

Type of Call/Complaint	Count
Illegal Discharge (all types of waste)	12
Interceptor/Traps	5
Odor	51
Other (Dust, Illegal Disposal)	74
SSO (5 Private) (0 City)	5
Storm water	35

The City of Tempe Storm Water hotline number is (480) 350-2811. Complaints may also be filed online at: <http://www.tempe.gov/stormwater>.

During 2017, 843 City sampling events were completed 491 at categorical facilities and 352 at non-categorical facilities as well as an additional 1339 monitoring events completed by permitted industrial users. Approximately 143 commercial walk-through inspections were completed, and 128 commercial food establishment inspections were completed. Additionally, the City received a device inspection form after each of the 1,445 grease trap or interceptor services performed under the Tempe Grease Cooperative. This enhances device health and maintenance control while maintaining a constant dialogue with our contracted haulers.

Tempe Grease Cooperative

The City of Tempe offers food service establishments (FSEs), including restaurants, hotels, schools and food production facilities the opportunity to participate in an innovative, green partnership to better manage their fats, oils and grease (FOG) through city procured grease trap and interceptor cleaning services. After six years of research and development funded by a U.S. Department of Energy grant, the city launched the Tempe Grease Cooperative to support existing environmental compliance goals coupled with business advocacy. 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 education for Tempe's restaurants
- Create more sustainable plumbing and municipal sewer infrastructure by routine device monitoring to prevent pollution from failing devices.
- Offer advocacy-based pollution prevention education to member restaurants
- Explore the use of trap and interceptor waste as a renewable energy resource through co-digestion.

To attain these goals, the City of Tempe collectively purchases grease trap and interceptor pumping services, line jetting services, device minor repair services, and yellow grease collection services through municipal procurement procedures. The savings through this collective purchasing is passed onto the voluntary member restaurants, with the benefit of device service monitoring for cleaning frequency and overall device health provided to the city. In 2017, 1,445 grease trap and interceptor cleaning services occurred for TGC member restaurants, resulting in 1,445 virtual inspections of devices to ensure environmental compliance and point-source pollution prevention. Furthermore, 547 yellow grease collection services occurred using a spill-reducing method, which further enhanced stormwater pollution prevention throughout the participating restaurants. When emergencies or repairs were needed, the city provided no-cost inspector diagnoses and assistance in procuring outside services such as plumbing and odor prevention. The TGC also coordinated 45 line-jetting services to meet both restaurants' emergency needs and general maintenance of kitchen lines, which benefitted both the restaurants and the city. Through proper management of FOG at the establishment, less of this waste enters the city's sewer system – leading to more sustainable sewer infrastructure and a healthier community and environment.

Aside from the service provision goals of the Tempe Grease Cooperative, the TGC is also working towards changing the relationship between local government and its city's businesses. By procuring quality services providers, the TGC simplifies the transaction between the vendors and the restaurants by being both the sole customer and the distributor of service bills. Additionally, the city can use that role to advocate for both the restaurants to the vendors, and vice versa, using responsible documentation and developed partnerships. Within the TGC, the city can educate best management practices to prevent excess FOG from entering the sewer system, advocate for restaurants when they need a service not offered by the TGC's contracted vendors, and adapt cleaning requirements when it observed dictates that a frequency change will benefit the restaurant without impact to the city's sewers. In addition to the current forms of business advocacy offered by the TGC, staff are developing of an infrastructure assistance program to better aid restaurants when they have to replace their failing devices. This will improve the current system of replacement by accelerating the timeline and decreasing the restaurants' out of pocket costs.

Furthermore, the city benefits by preventing excess FOG and metals from polluting the environments in which the devices are installed. Through advocacy and relationship building, the Tempe Grease Cooperative can engage businesses to prevent FOG pollution at the source and to become more sustainably mindful in their business practices.

The TGC has the support of the Arizona Department of Environmental Quality, Arizona State University, and local Tempe restaurateurs who believe in doing the right thing for their business and the community. As of December 31, 2017, the Tempe Grease Cooperative has 202 member restaurants in Tempe appropriately managing their FOG, and the number is growing. For more information about the TGC, visit: <http://www.tempe.gov/grease>.

CITY OF TEMPE

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2017 – December 31, 2017 – Total Pretreatment Expenditures	*\$1,851,558
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PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2017</u>	<u>FTEs 2016</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	0.0
Management Assistant II	1.0	0.0
Administrative Assistant II	1.0	1.0

PRETREATMENT PROGRAM EXPENDITURES

Personnel	\$1,264,049
Equipment Operation & Maintenance	\$155,641
Laboratory	\$252,709
Pollution Prevention	\$179,159

*Based on Fiscal Year 17/18

**Estimated Value + Tempe Grease Cooperative Expenses

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2017</u>	<u>Total 2017</u>
ISCO Wastewater Sampler	1	34
ISCO Area Velocity Meters	1	5
ISCO Flow Meter Modules (pH/ultra-sonic)	1	16
ISCO Laser Flow Meters	1	5
Vehicles	1	13
Gas Detectors	5	6
Computers (desktop/laptop)	8	16

	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.	APS 1500 East University Drive Tempe AZ 85281	COP 91 st Ave	4911	423.16
5.	Arizona Finishing 2400 South Roosevelt Tempe, AZ 85282	COP 91 st Ave	3479	433.17
6.	Arizona Production & Packaging 7303 South Kyrene Road Tempe AZ 85283	COP 91 st Ave	2086	LOCAL LIMITS
7.	Arizona State University 1551 South Rural Road Tempe AZ 85281	COP 91 st Ave	8221	LOCAL LIMITS
8.	Arizona State University Macro Technology Works 7700 South River Parkway Tempe AZ 85284	COP 91 st Ave	3679	LOCAL LIMITS
9.	Coxreels, Inc 5865 South Ash Avenue Tempe AZ 85283	COP 91 st Ave	3499	433.17
10.	Foresight Finishing LLC 236 West Lodge Drive Tempe AZ 85283	COP 91 st Ave	3471	433.17
11.	Gorilla Industrial Coatings LLC 2605 South Industrial Park Avenue Tempe AZ 85282	COP 91 st Ave	3479	433.17
12.	Group Manufacturing 815 W Geneva Drive Tempe AZ 85282	COP 91 st Ave	3444	433.17
13.	Honeywell International, Inc. 1300 W Warner Road Tempe AZ 85284	COP 91 st Ave	3471	433.17
14.	HSIO Circuit Technologies LLC 610 South Rockford Drive Tempe AZ 85281	COP 91 st Ave	3672	433.17
15.	L-3 Communications Corporation ETO 1215 South 52nd Street Tempe AZ 85281	COP 91 st Ave	3672	433.15
16.	Lawrence Semiconductor Research Laboratory Inc 2300 West Huntington Drive Tempe AZ 85282	COP 91 st Ave	3674	469.18
17.	Medtronic Microelectronics Center 2343 West Medtronic Way Tempe AZ 85281	COP 91 st Ave	3471	469.18

	COMPANY NAME AND ADDRESS	WWTP	SIC Code	Regulation
18.	Microchip Technology Inc. 1200 South 52nd Street Tempe AZ 85281	COP 91 st Ave	3674	469.18
19.	Photo Design Of Arizona 3105 South Potter Drive Tempe AZ 85282	COP 91 st Ave	3479	433.17
20.	Precision Die & Stamping 1704 West 10th Street Tempe AZ 85281	COP 91 st Ave	3469	433.17
21.	Precision Powdercoat 1616 South Edward Tempe AZ 85281	COP 91 st Ave	3479	433.17
22.	Safeway Inc. 1115 West Alameda Drive Tempe AZ 85282	COP 91 st Ave	2026	LOCAL LIMITS
23.	Schreiber Foods Inc. 2122 South Hardy Drive Tempe AZ 85282	COP 91 st Ave	2022	LOCAL LIMITS
24.	Southwest Metal Finishing Inc. 2002 West Campus Tempe AZ 85282	COP 91 st Ave	3471	433.17
25.	SRP K7GS 7005 South Kyrene Road Tempe AZ 85283	COP 91 st Ave	4911	423.16
26.	Sun Orchard, Inc 1198 West Fairmont Drive Tempe AZ 85282	COP 91 st Ave	2033	LOCAL LIMITS
27.	Swire Coca-Cola, USA - Tempe Production Center1850 West Elliot Road Tempe, AZ 85284	COP 91 st Ave	2086	LOCAL LIMITS
28.	Trion Technology Inc 1025 South 52nd Street Tempe AZ 85281	COP 91 st Ave	3674	469.18
29.	United Dairymen Of Arizona 2008 South Hardy Drive Tempe AZ 85282	COP 91 st Ave	2023	LOCAL LIMITS

ADDITIONS

The following Significant Industrial Users have commenced operations in 2017:

Foresight Finishing LLC (Lodge Dr)
236 West Lodge Drive
Tempe, AZ 85283

DELETIONS

The following Significant Industrial Users have ceased operations in 2017:

*Panjit Americas, Inc.
2502 West Huntington Drive
Tempe AZ 85282

Tempe Campus SPV, LLC
2100 East Elliot Road
Tempe AZ 85284

Nalco Cal Water LLC
685 West Elliot Road
Tempe, AZ 85284

Foresight Finishing LLC
1102 West Geneva Drive
Tempe, AZ 85282

*Operation at Panjit Americas, Inc. terminated in 2016, but the permit remained active until the facility was vacated in 2017.

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2017:

None

NAME CHANGES

The following Significant Industrial Users changed their names in 2017:

Phoenix Coca-Cola Bottling Co
1850 West Elliot Road
Tempe, AZ 85284

IS NOW Swire Coca-Cola, USA - Tempe Production
Center1850 West Elliot Road
Tempe, AZ 85284

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, 2017			Categorical IUs: 24		Significant Non-Categorical IUs: 9	
II. Significant Industrial User Compliance						
	Categorical		Non-categorical		Total SIUs	
	No.	%	No.	%	No.	%
1. No. of SIUs in Full Compliance	23	95.83	6	66.67	29	87.88
2. No. of SIUs in Inconsistent Compliance	1	4.17	3	33.33	4	12.22
3. No. of SIUs in Significant Noncompliance	0	0	0	0	0	0
4. No. of Parameter Violations	3		3		6	
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	10		4		14	
2. No. of Non-sampling Inspections Conducted	29		9		38	
3. No. of Facilities Inspected (Non-sampling)	24		9		33	
4. No. of Sampling Visits Conducted	491		352		843	
5. No. of Facilities Sampled	22		9		31	
IV. Enforcement Actions						
	Categorical		Non-categorical		Total SIUs	
	No.	%	No.	%	No.	%
1. Notices of Violations Issued to SIUs	8		4		12	
2. Temporary Increase in IU Self-Monitoring	0		0		0	
3. Administrative Orders Issued to SIUs	8		4		12	
4. Compliance Schedules Issued	0		0		0	
5. Settlement Agreements	2		0		0	
6. Other Actions	0		1		1	
7. Amount of Penalties Collected (Total Dollars / IUs Assessed)	\$ 37,500.00		\$ 15,000.00		\$ 52,500.00	

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Acme Aerospace Inc.

Process Flow: 0.000376 MGD

General Information and type of wastewater treatment
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.
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: Advanced Circuits

Process Flow: 0.031268 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 was issued an NOV/AO/FINE on January 23, 2017 for a Copper Local Limit, Categorical Daily Limit, and Categorical Monthly Limit Violation on August 11, 2016 and the month of August 2016.</p>
Second Quarter	<p>On June 21, 2017 Advanced Circuits, Inc. signed a Pretreatment Settlement Agreement with the City of Tempe. This PSA was a result of the NOV/AO/FINE issued on January 23, 2017 to Advanced Circuits, Inc.</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 \$ 4,375.00 Collected \$ 4,375.00

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: 01/01/2017 through 12/31/2017		
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 423.16	LIMITS APPENDIX: T-K	BMR SUBMITTED: 12/1/1985	
TTO CERTIFICATION DATE SUBMITTED: 8/8/2017		PERMIT EFFECTIVE: 1/6/2018	PERMIT EXPIRES: 1/5/2022	
SAMPLING LOCATION VERIFIED ON: 11/30/2017		RCRA NOTICE: 7/8/1995		
SLUG CONTROL PLAN EVALUATION DATE: 2/14/2017		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	0	0	0	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:	03/31/2017	06/30/2017	9/30/2017	12/31/2017

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	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>The existing spill control plan is currently under re-evaluation following a 2018 reissuance of their discharge permit.</p>

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona Finishing

Process Flow: 0 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**

NAME: Arizona Production & Packaging		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 7303 South Kyrene Road Tempe, AZ 85283		MAILING ADDRESS: 7303 South Kyrene Road Tempe, AZ 85283		
CATEGORICAL USER? No	40 CFR 403	LIMITS APPENDIX: T-A	BMR SUBMITTED: 3/10/2004	
TTO CERTIFICATION DATE SUBMITTED: 9/5/2017		PERMIT EFFECTIVE: 7/1/2014	PERMIT EXPIRES: 06/30/2018	
SAMPLING LOCATION VERIFIED ON: 10/23/2017		RCRA NOTICE: 11/16/2004		
SLUG CONTROL PLAN EVALUATION DATE: 1/29/2015		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	3	3	3
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:	03/31/2017	06/30/2017	9/30/2017	12/31/2017

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, B	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 Production & Packaging

Process Flow: 0.157242 MGD

General Information and type of wastewater treatment	APP bottles both vitamin and herbal dietary supplements. 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.
First Quarter	AZ Pack was issued a NOV/AO for a pH excursion which occurred in Q4 2016.
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: Arizona State University		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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 403	LIMITS APPENDIX: T-A	BMR SUBMITTED: 5/31/1986	
TTO CERTIFICATION DATE SUBMITTED: 8/21/2017		PERMIT EFFECTIVE: 1/15/2017	PERMIT EXPIRES: 1/14/2021	
SAMPLING LOCATION VERIFIED ON: 12/22/2017		RCRA NOTICE: 4/29/1993		
SLUG CONTROL PLAN EVALUATION DATE: 2/20/2017		COMPLIANCE SAMPLING POINT №: 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	45	40	43	74
Number of IU Sampling Days	0	0	0	0
Number of Parameter Violations	0	0	1	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	I	C
Evaluated as of:	03/31/2017	06/30/2017	9/30/2017	12/31/2017

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

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter
3rd	Parameter	07/26/2017	Composite	City	City	Mercury	0.0029 mg/l - 0.0023 mg/l	28
			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 | |
| 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

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	<p>ASU exceeded the local limit for Mercury on July 26, 2017. NOV/AO will be issued in Q4 2017.</p>
Fourth Quarter	<p>ASU was issued NOV/AO for violating the local limit for Mercury in Q3 2017.</p>

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Arizona State University Macro Technology Works
 Process Flow: 0.0522 MGD

General Information and type of wastewater treatment	<p>The Arizona State University Research Lab is a research facility in partnership with the following firms: DuPont Displays, Kodak, Honeywell, General Dynamics, Raytheon, Universal Display Corp., Kent Displays, E Ink, FlexICs, Three-Five Systems, General Atomics, Optiva, ECD, Southwall, the U.S. Display Consortium, and AGI. The primary project to be developed is a small, portable information screen that soldiers could use on the battlefield. The 250,000-square foot facility includes about 43,500 square feet of clean rooms and wet/dry labs that the University will use to develop the technologies that will go into the project.</p> <p>A large treatment facility is available for the wastewater generated. The primary discharge is from the production of RO reject water, which is neutralized prior to discharge. pH monitoring is taking place per the permit requirements. Discharge volumes are currently at an average of 57 gallons per minute.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>The existing spill control plan is currently under re-evaluation following a 2017 reissuance of their discharge permit.</p>

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Coxreels, Inc

Process Flow: 0.005 MGD

General Information and type of wastewater treatment	<p>Coxreels 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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Foresight Finishing LLC

Process Flow: 0.006846 MGD

General Information and type of wastewater treatment	<p>Foresight Finishing specializes in precious and non-precious metal plating. It provides copper, nickel, and gold plating for aerospace, defense, medical, electronic, major OEMS, and general job shop facilities.</p> <p>Foresight Finishing performs ion and cat ion filtration for Cyanide treatment. Metal bearing wastes are treated using a tandem of micron pre-filter, carbon absorption filter followed by a post-micron filter. All wastes are routed to segregated tanks marked either metal bearing or non-metal bearing waste; at this point, the waste water goes through a final pH adjustment before discharge.</p>
First Quarter	
Second Quarter	<p>Foresight Finishing LLC moved operations from this location to a new location in Tempe in June 2017</p>
Third Quarter	<p>Permit expired and was not renewed due to location transfer.</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 TEMPE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Foresight Finishing LLC (Lodge Dr)		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 236 West Lodge Drive Tempe, AZ 85283		MAILING ADDRESS: 236 West Lodge Drive Tempe, AZ 85283		
CATEGORICAL USER? YES	40 CFR 433.17	LIMITS APPENDIX: T-E	BMR SUBMITTED: 8/8/2017	
TTO CERTIFICATION DATE SUBMITTED: 8/24/2017		PERMIT EFFECTIVE: 7/1/2017	PERMIT EXPIRES: 6/30/2021	
SAMPLING LOCATION VERIFIED ON: 7/14/2017		RCRA NOTICE: 1/29/2018		
SLUG CONTROL PLAN EVALUATION DATE: 3/29/2016*	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	1	1
Number of City Sampling Days	0	0	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:	03/31/2017	06/30/2017	9/30/2017	12/31/2017

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	<p>Foresight Finishing is a precious metals plating facility. Pretreatment consists of ion exchange filtration and pH adjustment.</p>
First Quarter	<p>This new facility was not in operation during the 1st quarter of 2017</p>
Second Quarter	<p>This new facility was not in operation during the 2nd quarter of 2017</p>
Third Quarter	<p>An initial wastewater discharge permit for this new facility became effective July 1, 2017</p>
Fourth Quarter	<p>The previous facility spill control plan is currently under evaluation following issuance of a 2017 issuance of their discharge permit. Contingencies procedures and inventory in their 3/29/2016 plan submitted to the City are in place.</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: Gorilla Industrial Coatings LLC		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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 433.17	LIMITS APPENDIX: T-E	BMR SUBMITTED: 10/21/2002	
TTO CERTIFICATION DATE SUBMITTED: 8/29/2017		PERMIT EFFECTIVE: 2/1/2014	PERMIT EXPIRES: 2/22/2018	
SAMPLING LOCATION VERIFIED ON: 10/24/2017		RCRA NOTICE: 6/20/2003		
SLUG CONTROL PLAN EVALUATION DATE: 7/23/2014		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	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:	03/31/2017	06/30/2017	9/30/2017	12/31/2017

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	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). Currently, there is no pretreatment of process discharges at this facility. Overflow City water rinses are the only discharges entering the sanitary sewer.</p>
First Quarter
Second Quarter
Third Quarter
Fourth Quarter

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
HEI is a manufacturer of printed circuit boards as described under 40 CFR 433. Pretreatment is by alkaline precipitation and filtration. Final effluent is pH corrected prior to discharge.
First Quarter
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: L-3 Communications Corporation ETO		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 1215 South 52nd Street Tempe, AZ 85281		MAILING ADDRESS: 1215 South 52nd Street Tempe, AZ 85281		
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: T-E	BMR SUBMITTED: 7/3/1984	
TTO CERTIFICATION DATE SUBMITTED: 7/3/2017		PERMIT EFFECTIVE: 8/1/2015	PERMIT EXPIRES: 7/31/2019	
SAMPLING LOCATION VERIFIED ON: 3/23/2017		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	0
Number of City Sampling Days	6	6	6	6
Number of IU Sampling Days	0	0	0	0
Number of Parameter Violations	0	2	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	I	I	C
Evaluated as of:	03/31/2017	06/30/2017	9/30/2017	12/31/2017

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	Parameter	04/12/2017	Composite	City	City	Lead	0.633mg/l / 0.41mg/l	6
2nd	Instantaneous	06/2017	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
3rd	Instantaneous	08/2017	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	A, B, F	A, B, F, E	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: 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	<p>An NOV, AO, and Fine was issued to L-3 Communications on March 9 & 14, 2017 for pH violations in the months of March and April 2016 respectively.</p>
Second Quarter	<p>An NOV, AO, and Fine was issued to L-3 Communications on April 3 & 5, 2017 for pH violations in the months of May and July 2016 respectively. On April 12, 2017 L-3 Communications violated the local limit for Lead with a result of 0.626 mg/l. During the month of June 2017 L-3 Communications violated the local limit for pH. An NOV, AO, and Fine will be issued in the third quarter to address these violations.</p>
Third Quarter	<p>On August 8, 2017 L-3 Communications signed a PSA with the City of Tempe with regards to violations in March, April, May, and July 2016. An NOV, AO, and Fine was issued to L-3 Communications on August 29, 2017 and September 20, 2017 for violations occurring in April/June 2017 and August 2017 respectively.</p>
Fourth Quarter	

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

Penalties this reporting Year: Assessed \$ 33,125.00 Collected \$ 33,125.00

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	
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: 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. 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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Microchip Technology Inc.

Process Flow: 0.563261 MGD

General Information and type of wastewater treatment	<p>Microchip manufactures semiconductor devices regulated under 40 CFR 469.18 PSNS. Pretreatment consists of pH neutralization, using either sulfuric acid or sodium hydroxide.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	<p>The existing spill control plan is currently under re-evaluation following issuance of a 2017 reissuance of their discharge permit.</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: Nalco Cal Water LLC

Process Flow: 0.000001 MGD

General Information and type of wastewater treatment	<p>Nalco is a resin regeneration plant that regenerates commercially available ion exchange resins used in water purification and is regulated under 40 CFR 403.5</p> <p>Pretreatment is pH adjustment prior to discharge to sanitary sewer.</p>
First Quarter	
Second Quarter	<p>Nalco Cal Water LLC never commenced process operation and their discharge permit was cancelled on June 12, 2017.</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: Pan Jit Americas , Inc.

Process Flow: 0.043 MGD

General Information and type of wastewater treatment	<p>Pan Jit Americas, Inc, manufactures integrated circuit semiconductors and is regulated under 40 CFR 433.17 Subpart A Metal Finishing Subcategory Pretreatment Standards for New Sources (PSNS).</p> <p>Pretreatment consists of a four-stage neutralization system using magnesium hydroxide and sulfuric acid for pH adjustment. Pan Jit installed a second back-up pH neutralization system.</p>
First Quarter	<p>A Notice of Violation was issued in 1st quarter of 2017 for a pH violation that occurred in the 4th quarter of 2016 prior to termination of their process operations. All process operations were completed, and equipment removed, in the 4th quarter of 2016. Prior to their departure, a final closure inspection was performed with Tempe Fire Department on February 23, 2017, and their Industrial Discharge Permit was cancelled effective March 13, 2017.</p>
Second Quarter	<p>Formal written notification of their Industrial Discharge Permit cancellation and final closure was issued in the 2nd quarter of 2017</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: 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	<p>The existing spill control plan is currently under re-evaluation following a 2017 reissuance of their discharge permit.</p>

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Precision Die & Stamping

Process Flow: 0.0007 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	<p>Safeway satisfied the conditions of the Pretreatment Settlement Agreement issued in Q4 2016 and was issued a refund of fines in the amount of \$55,000.00 as stipulated in the term of the PSA.</p>
Second Quarter	0
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: Schreiber Foods Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 2122 South Hardy Drive Tempe, AZ 85282		MAILING ADDRESS: 2122 South Hardy Drive Tempe, AZ 85282		
CATEGORICAL USER? No	40 CFR 403	LIMITS APPENDIX: T-A	BMR SUBMITTED: 3/30/1985	
TTO CERTIFICATION DATE SUBMITTED: 7/04/2017		PERMIT EFFECTIVE: 1/15/2015	PERMIT EXPIRES: 1/14/2019	
SAMPLING LOCATION VERIFIED ON: 7/25/2017		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	1	0
Number of City Sampling Days	15	12	12	12
Number of IU Sampling Days	90	92	91	90
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	I	C
Evaluated as of:	03/31/2017	06/30/2017	9/30/2017	12/31/2017

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	08/2017	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	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	
Second Quarter	
Third Quarter	<p>Schreiber Foods violated pH limits during August of 2017. A notice of violation will be issued in the first quarter of 2018. As a result of several spot power outages, potential pH violations in September is being reviewed. If it is determined that violations had occurred, a notice of violation will be issued in the first quarter of 2018.</p>
Fourth Quarter	<p>As a result of several spot power outages, potential pH violations in October 2017 are being reviewed. If it is determined that violation had occurred, a notice of violation will be issued in the first 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

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

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>No process discharge occurred this quarter.</p>
Second Quarter	<p>No process discharge occurred this quarter.</p>
Third Quarter	<p>No process discharge occurred this quarter.</p>
Fourth Quarter	<p>No process discharge occurred this quarter. The existing spill control plan is currently under re-evaluation following a 2017 reissuance of their discharge permit.</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: Sun Orchard LLC		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 1198 West Fairmont Drive Tempe, AZ 85282		MAILING ADDRESS: 1198 West Fairmont Drive Tempe, AZ 85282		
CATEGORICAL USER? No	40 CFR 403	LIMITS APPENDIX: T-A	BMR SUBMITTED: 11/30/1990	
TTO CERTIFICATION DATE SUBMITTED: 2/24/2017		PERMIT EFFECTIVE: 6/15/2017	PERMIT EXPIRES: 6/14/2021	
SAMPLING LOCATION VERIFIED ON: 5/26/2017		RCRA NOTICE: 5/15/1993		
SLUG CONTROL PLAN EVALUATION DATE: 2/24/2017		COMPLIANCE SAMPLING POINT №: 5064		
	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	3	3
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:	03/31/2017	06/30/2017	9/30/2017	12/31/2017

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	A,B,F		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: Sun Orchard LLC

Process Flow: 0.033MGD

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	<p>Sun Orchard was issued an NOV, AO, and Fine on April 10, 2017 for pH violations in the month of August 2016 and a prohibited substance violation on August 16, 2016.</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 \$ 3,750.00 Collected \$ 3,750.00

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 Bottling Company is a soft drink manufacturer 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 No

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

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

NAME: Tempe Campus SPV, LLC		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 2100 East Elliot Road Tempe, AZ 85284		MAILING ADDRESS: 2701 East Camelback Road 185 Phoenix, AZ 85016		
CATEGORICAL USER? Yes	40 CFR 469.18	LIMITS APPENDIX: T-F	BMR SUBMITTED:	
TTO CERTIFICATION DATE SUBMITTED: 2/23/2017		PERMIT EFFECTIVE: 4/25/2015	PERMIT EXPIRES: 8/1/2017	
SAMPLING LOCATION VERIFIED ON: 7/26/2017		RCRA NOTICE: 6/15/1993		
SLUG CONTROL PLAN EVALUATION DATE: 4/14/2014		COMPLIANCE SAMPLING POINT No: 5030		
	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	3	0
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:	03/31/2017	06/30/2017	9/30/2017	12/31/2017

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, B	N	N	N		

Enforcement Status Codes

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Tempe Campus SPV, LLC

Process Flow: 0.068 MGD

General Information and type of wastewater treatment	At Tempe Campus - NXP currently conducts research and development of electronic parts of integrated circuits. It also conducts failure analysis of electronic parts of integrated circuits.
First Quarter	A NOV and AO was issued to Tempe Campus SPV, LLC on March 9, 2017 for pH violations in April 2016.
Second Quarter	
Third Quarter	Tempe Campus SPV, LLC's discharge permit was cancelled on August 1, 2017.
Fourth Quarter	No active discharge permit during the fourth quarter of 2017.

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**

NAME: United Dairymen of Arizona		REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE ADDRESS: 2008 South Hardy Drive Tempe, AZ 85282		MAILING ADDRESS: P.O. Box 26877 Tempe, AZ 85285-6877		
CATEGORICAL USER? No	40 CFR 403	LIMITS APPENDIX: T-A	BMR SUBMITTED: 7/30/1982	
TTO CERTIFICATION DATE SUBMITTED: 7/28/2017		PERMIT EFFECTIVE: 9/25/2013	PERMIT EXPIRES: 3/31/2018	
SAMPLING LOCATION VERIFIED ON: 9/23/2017		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	15	12	12	12
Number of IU Sampling Days	90	91	92	92
Number of Parameter Violations	0	1	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	C	C
Evaluated as of:	03/31/2017	06/30/2017	9/30/2017	1/31/2018

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	05/2017	Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
3rd	Instantaneous	09/2017	Instantaneous Grab	City	IU	pH	<5.0 or >10.5 S.U.	Continuous
4th	Instantaneous	12/2017	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	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: 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	
Second Quarter	<p>UDA violated the pH policy during May 2017. Violation will be addressed during the third quarter of 2017.</p>
Third Quarter	<p>UDA was issued one NOV/AO with penalty of \$3,750 for violating pH May 2017. UDA violated pH policy during September 2017. Violation will be addressed during the 4th quarter of 2017. UDA's permit was administratively extended to 03/31/2018 to allow time to account a reevaluation of surcharge fees, and capacity limits pending a capital upgrade to the City sewer main.</p>
Fourth Quarter	<p>UDA was issued on NOV/AO with the penalty of \$7,500 for violating pH September 2017. UDA violated pH policy during December 2017. Violation will be addressed during the first quarter of 2017. UDA has verbally committed to fund a \$5.4 million capital project to upgrade and upsize the city sewer line from their facility to the transmission main as a means to address a capacity limitation.</p>

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

Penalties this reporting Year: Assessed \$ 11,250.00 Collected \$ 11,250.00

SECTION 2.6
TOWN OF GILBERT

POTW PRETREATMENT ANNUAL REPORT

TOWN OF GILBERT, ARIZONA

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01/01/2017 through 12/31/2017

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

NPDES Permit Number: AZ0020524

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

Edward Meza
Pretreatment Program Coordinator
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.

1/30/18

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: 01/01/2017 to 12/31/2017

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 1,047 new business licenses processed during the 2017 reporting period. Of these 270 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 30 industrial user inspections and 30 Storm Water Inspections conducted in 2017. The Town also conducted 11 sampling events over 27 days and 23 flow studies over 347 days. At the end of 2017 there were 158 industrial user's in the Town's pretreatment database, of these 27 are permitted which include Seven Class 'A' SIU's and Twenty Class 'B' IU's.

The Town of Gilbert has continued its commercial inspection program. The programs goal is to inspect all food service facilities, automotive service facilities, dry cleaners, and silver photo & x-ray developers annually. There were approximately 1,488 commercial inspections, and 1,480 storm water inspections conducted in 2017.

Individual Training: Pretreatment Program Coordinator (PPC)
Industrial Pretreatment Inspector (IPI)
Wastewater Quality Inspector (WWQI)

All personnel had confined space and fall protection training.

All personnel attended PPE Training

All personnel attended Lock Out/Tag Out procedures training.

All personnel attended Hazwoper refresher training.

All personnel attended Electrical Safety Training.

All personnel attended in house Storm Water Training.

All personnel attended Energov Training in Licensing and Permitting.

PPC attended Town of Gilbert Employees Police Academy.

PPC attended National Pretreatment Conference.

PPC attended Western States Verbal Judo Seminar.

WWQI is attending Phoenix Compliance Academy.

WWQI completed Blood Bourne Pathogens, Fire Extinguishers, Fall Protection, and Illicit Discharge and Elimination. All were on-line courses.

WWQI attended in-house training on Flow Studies and Flow Link.

WWQI attended in-house training on conducting Plans Review and use of Blue Beam.

WWQI attended in-house training on Business License Review.

WWQI is on the Wastewater Safety Division Committee and Public Works Department Safety Committee.

All inspectors attend various computer-training classes in Word, Excel, Access, Linko, and PowerPoint to improve computer skills.



Best Management Practices

Pollution Prevention through Point Source Control Measures

Reporting Period: 01/01/2017 to 12/31/2017

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 2017 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, 2017 – December 31, 2017 – Total Pretreatment Expenditures **\$ 520,460**

PRETREATMENT PROGRAM PERSONNEL

<u>Title</u>	<u>FTEs 2016</u>	<u>FTEs 2017</u>
Pretreatment Program Coordinator	1	1
Industrial Pretreatment Inspector	1	1
Wastewater Quality Inspector	4	4

PRETREATMENT PROGRAM EXPENDITURES

Personnel	\$ 460,830
Analytical Laboratory Services	\$ 11,000
Vehicle Operations & Maintenance	\$ 16,150
Training/Tuition	\$ 3,400
Program Operations & Maintenance	\$ 29,080

PRETREATMENT EQUIPMENT INVENTORY

<u>Equipment Name</u>	<u>Purchased 2017</u>	<u>Total 2017</u>
Samplers	0	4
Flow Meters & Modules	0	6
pH Meters	1	3
Vehicles	0	6
Computers (Laptops/IPads)	1(6)	6(7)

TOWN OF GILBERT
LIST OF SIGNIFICANT INDUSTRIAL USERS AS OF 12/31/2017

	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 Security Doors, 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

ADDITIONS

The following Significant Industrial Users were added in 2017:

No changes in 2017.

DELETIONS

The following Significant Industrial Users have ceased operations in 2017:

No changes in 2017.

RECLASSIFICATIONS

The following Significant Industrial Users have been reclassified in 2017:

No changes in 2017.

NAME CHANGES

The following Significant Industrial Users changed their names in 2017:

No changes in 2017.

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, 2017			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	0	0	0	0	0	0
3. No. of SIUs in Significant Noncompliance	1	25	0	0	1	14
4. No. of Parameter Violations	2		0		2	
5. No. of Reporting Violations	0		0		0	
6. No. of Permit Condition Violations	2		0		2	
III. Compliance Monitoring Program						
	Categorical		Non-categorical		Total SIUs	
1. No. of Control Documents Issued	1		1		2	
2. No. of Nonsampling Inspections Conducted	4		4		8	
3. No. of Facilities Inspected (Nonsampling)	4		3		7	
4. No. of Sampling Visits Conducted	10		8		18	
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	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	

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

NAME: Banner Gateway Medical Center			REPORT PERIOD: 01/01/2017 through 12/31/2017		
SERVICE: 1900 North Higley Road			MAILING ADDRESS: Same		
ADDRESS: Gilbert, Arizona 85234-1904					
CATEGORICAL USER?	No	40 CFR Local Limits	LIMITS APPENDIX:	A	BMR SUBMITTED: 11-26-2007
TTO CERTIFICATION DATE SUBMITTED:	N/A		PERMIT EFFECTIVE:	01-01-2017	PERMIT EXPIRES: 12-31-2021
SAMPLING LOCATION VERIFIED ON:	12-04-17		RCRA NOTICE:	02-13-15	
SLUG CONTROL PLAN EVALUATION DATE:	12-04-17		COMPLIANCE SAMPLING POINT No: 2" Parshall Flume		
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)	
Number of Inspections	0	0	0	1	
Number of City Sampling Days	0	3	0	0	
Number of IU Sampling Days	3	3	3	3	
Number of Parameter Violations	0	0	0	0	
Number of Inspection Violations	0	0	0	0	
Number of Reporting Violations	0	0	0	0	
Number of Permit Cond. Violations	0	0	0	0	
Compliance Status	C	C	C	C	
Evaluated as of:	01-30-18	01-30-18	01-30-18	01-30-18	

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
			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: 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 No

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

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

NAME: First Impressions Security Doors, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017	
SERVICE ADDRESS: 1235 West Harwell Road Gilbert, Arizona 85233		MAILING ADDRESS: 1415 North Mondel Drive Gilbert, Arizona 85233-1209	
CATEGORICAL USER? Yes	40 CFR 433.17	LIMITS APPENDIX: E	BMR SUBMITTED 02-06-2013
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 01-01-2015	PERMIT EXPIRES: 12-31-2017
SAMPLING LOCATION VERIFIED ON: 09-28-17		RCRA NOTICE: 02-12-15	
SLUG CONTROL PLAN EVALUATION DATE: 11-22-16	COMPLIANCE SAMPLING POINT No: 22 1/2 ° 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
Number of City Sampling Days	0	3	0
Number of IU Sampling Days	3	3	3
Number of Parameter Violations	0	0	0
Number of Inspection Violations	0	0	0
Number of Reporting Violations	0	0	0
Number of Permit Cond. Violations	0	0	0
Compliance Status	C	C	C
Evaluated as of:	01-30-18	01-30-18	01-30-18

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
			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: First Impressions Security Doors, 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 No

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Heliae Development, LLC

Process Flow: 65,000 GPD Average Daily Discharge

General Information and type of wastewater treatment	<p>Heliae is in the production of microalgae biomass with discharge from their waste holding tank water (Batch) originating from Greenhouse area, Seed Room, Dewatering of algae, and their associated cleaning and rinses.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

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

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

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

NAME: Herbally Yours, Inc.		REPORT PERIOD: 01/01/2017 through 12/31/2017		
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: 11-15-17		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	3	0	0
Number of IU Sampling Days	3	3	6	4
Number of Parameter Violations	0	2	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	2	0	0
Compliance Status	C	S	I	C
Evaluated as of:	07-27-17	07-27-17	09-30-17	01-30-18

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	Effluent Effluent	06-01-17 06-01-17	Grab Grab	Federal Federal	IU IU	Acetone - 49.2 mg/l/ 20.7 mg/l Daily /8.2 mg/l Monthly Average		2
2nd	Permit Condition	06-22-17				Failure 24 Hr. Notification		
3rd	Permit Condition	7-22-17				Failure 30 Day Resample		
3rd					IU	Acetone		3
4th					IU	Acetone		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	AL	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: 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	On 09-06-17 a NOV was issue for a Monthly and Daily Effluent Limit Violation for Acetone. This occurred on 6-1-17. A TISM was also issued along with Permit Condition Violations for failure of 24 hr. Notification and Failure of 30 day resample. These Violations resulted in SNC status.
Fourth Quarter	The NOV issued on 09-06-17 was satisfactorily completed on 10-18-17. Future Enforcement Actions Pending.

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

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

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Innovative Circuits Arizona

Process Flow: 250 GPD Average Daily Discharge

General Information and type of wastewater treatment	Population and cleaning of circuit boards. Resin column filtration for metallic. Zero Discharge Conformal Coating.
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

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

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

TOWN OF GILBERT
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Mercy Gilbert Medical Center			REPORT PERIOD: 01/01/2017 through 12/31/2017			
SERVICE: 3555 South Val Vista Drive		MAILING ADDRESS: Same				
ADDRESS: Gilbert, Arizona 85296-7323		CATEGORICAL USER? No		40 CFR Local Limits	LIMITS APPENDIX: A	BMR SUBMITTED: 07-27-2006
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 07-01-2015		PERMIT EXPIRES: 06-30-2020		
SAMPLING LOCATION VERIFIED ON: 12-06-17		RCRA NOTICE: 02-12-15				
SLUG CONTROL PLAN EVALUATION DATE: 12-06-17		COMPLIANCE SAMPLING POINT No: 3" Parshall Flume				
	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Number of Inspections	0	0	0	1		
Number of City Sampling Days	0	3	0	0		
Number of IU Sampling Days	3	3	3	3		
Number of Parameter Violations	0	0	0	0		
Number of Inspection Violations	0	0	0	0		
Number of Reporting Violations	0	0	0	0		
Number of Permit Cond. Violations	0	0	0	0		
Compliance Status	C	C	C	C		
Evaluated as of:	01-30-18	01-30-18	01-30-18	01-30-18		

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
			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: Mercy Gilbert Medical Center

Process Flow: 85,000 GPD Average Daily Discharge

General Information and type of wastewater treatment	<p>Mercy Gilbert Medical Center is a Hospital with discharge from their Cooling Tower, Boiler Feed, Humidification, Plaster Trap, Acid Waste Neutralization, Grease Interceptor, Hospital Operations and Associated Rinses.</p>
First Quarter	
Second Quarter	
Third Quarter	
Fourth Quarter	

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