ADEQ Pretreatment Annual Report Form

I	GENERAL INFORMATION	Enter Answers in this column below.
1	Local Agency	City of Phoenix
2	Report Date	2/26/2024
3	Reporting Period January 1- December 31. DUE: Feb 28th. Enter Year.	2023
4	Contact Name	Chelsey Mc Cluskey
5	Contact Title	Pretreatment Compliance Coordinator
6	Mailing Address	2474 S. 22nd Avenue
7	City, State, Zip Code	Phoenix, Arizona 85009
8	Phone Number	602-495-5926
9	Email	chelsey.mccluskey@phoenix.gov

II	WASTEWATER TREATMENT PLANT INFORMATION (Add as many rows as necessary)	
1	Wastewater treatment plant name	91st Avenue Wastewater Treatment Plant (AZ0020524)
a		
b		
c		

III	GENERAL QUESTIONS	
1	Are you required to develop or implement a Pretreatment Program?	Yes
2	Provide the initial date the pretreatment program was approved. The date must be provided in YYYY-MM-DD format where YYYY is the year, MM is the month, and DD is the day.	1982-09-30 (submittal); 1983-07 (approval)
3	Was the pretreatment Program substantially modified? If yes, complete items III.4 through III.6. If no, go to section IV. Legal Authority.	No
4	provided in YYYY-MM-DD format.	N/A
5	Select the type of substantial modification from drop down list.	N/A
a	If you selected "other", please explain.	N/A

6	Was the substantial modification submitted to the Approval Authority? All substantial modifications are shall be submitted to the Approval Authority.	N/A
a	If no, provide explanation why substantial modification was not submitted to Approval Authority.	N/A

IV	LEGAL AUTHORITY	
1	Name of Ordinance	Phoenix City Code Chapter 28 "Sewers"
2	Date of Adoption (YYYY-MM-DD format)	10/7/2020
3	Location of Ordinance (Provide website address)	https://phoenix.municipal.codes/CC/28

V	LOCAL LIMITS	
1	Did the Control Authority adopt any local limits during the reporting period?	No
a	If yes, provide local limit adoption date in YYYY-MM-DD format	N/A
2	Did the Control Authority conduct a local limits evaluation during the reporting period?	No
a	If yes, provide local limits evaluation date in YYYY-MM-DD format	N/A
3	Did the Control Authority add or delete pollutants from its list of local limits during the reporting period?	No
a	Enter any pollutant(s) added	N/A
b	Enter any pollutant(s) deleted	N/A
4	Are you under a State or Federal compliance schedule that includes steps to be taken to revise local limits?	No
a	If yes, provide proposed date to revise local limits	N/A

VI	MODIFICATIONS TO PRETREATMENT PROGRAM	
1	Where there any modifications to the Pretreatment Program this reporting period? If yes, complete a-h below. If no, skip to section VII.	No
2	Administrative Structure?	
a	If yes, provide date of change in YYYY-MM-DD format	
b	If yes, explain changes	
c	If yes, was the public informed	

3	Legal Authority?	
a	If yes, provide date of change in YYYY-MM-DD format	
b	If yes, explain changes	
c	If yes, was the public informed	
4	Local Limits?	
a	If yes, provide date of change in YYYY-MM-DD format	
b	If yes, explain changes	
c	If yes, was the public informed	
5	Monitoring Program or Frequency?	
a	If yes, provide date of change in YYYY-MM-DD format	
b	If yes, explain changes	
c	If yes, was the public informed	
6	Enforcement Policy?	
a	If yes, provide date of change in YYYY-MM-DD format	
b	If yes, explain changes	
c	If yes, was the public informed	
7	Funding?	
a	If yes, provide date of change in YYYY-MM-DD format	
b	If yes, explain changes	
c	If yes, was the public informed	
8	Staffing?	
a	If yes, provide date of change in YYYY-MM-DD format	
b	If yes, explain changes	
c	If yes, was the public informed	
9	Other-explain	
a	If yes, provide date of change in YYYY-MM-DD format	
b	If yes, explain changes	
c	If yes, was the public informed	
10	Have you made any changes to the approved IPP, substantial or	
a	If yes, explain	

VII	**UPSETS, PASS-THROUGH AND INTERFERENCE**	

1	Did you identify if there were any problems or violations (e.g., upset, pass-through, interference, violation of AZPDES permit limits) with the effluent discharge of this POTW covered by this Pretreatment Program during the reporting period?	No
a	If yes, describe issue including any corrective actions taken and name of SIU/CIU that caused issue, if known. Add a new row for each issue.	
2	Have you prepared a summary of all investigations into upsets, interference and pass-through during the past year, including the reason why the incident occurred and any subsequent corrective actions?	Yes
a	If no, explain why not.	
3	inspections and evaluations which were done during the past year to detect upsets, interference and pass-through, specifying parameters and frequencies of those events?	Yes
a	If no, explain why not.	
4	Where there any additional limitations or changes to existing requirements that are necessary to prevent future upsets, pass-through and or interference?	No
a	If yes, explain.	
5	Where there were any problems with the use or disposal of biosolids or sewage sludge for this POTW during the reporting period?	No
a	If yes, describe issue, including name of SIU/CIU that caused issue if known. Add new row for each.	

VIII	SIGNIFICANT INDUSTRIAL USERS	
1	Fill out SIU Inventory on sheet named "Table 1." Did you fill out Table 1 completely and accurately?	Yes
2	Where there any additions to the SIU/ IU list?	Yes
a	If yes, list. Add as many rows as necessary.	Advanced United Refining, Inc.
		APEL Extrusions, Inc.
		Gourmet Boutique West, LLC
		Sunlit Arizona, LLC.
b		
3	Where there any deletitions to SIU/ IU lists?	Yes

a	If yes, list. Add as many rows as necessary.	Mastel Linen, Inc.
		Rexam Beverage Can Company
		Freshly, Inc.
		Diversified Metals, Inc.
		Phoenix Metalcraft, Inc.
b		Novanta Corp dba Cambridge Technology - Lincoln Polygon Products
4	Where there any modifications or name changes to SIU/ IU lists?	Yes
a	If yes, list. Add as many rows as necessary.	MEC Arizona Manufacturing LLC dba Blast Asset Acquisitions LLC
		Entrepix, Inc.
		Bottling Group, LLC dba CBM Manufacturing Company, Inc. - Pepsi Phoenix
		Hydro Extrusion USA, LLC - Hydro Phoenix Plant 1
		Hydro Extrusion USA, LLC - Hydro Phoenix Plant 2
		Hydro Extrusion USA, LLC - Hydro Phoenix Remelt Operations
		Phoenix Welding Supply LLC
		Osborn Products Manufacturing LLC
5	Has the POTW implemented any programs to reduce pollutants from non-domestic users that are not classified as SIUs?	Yes
a	If yes, list. Add as many rows as necessary.	Permitting IU facilities under Class B Permits
b		Commercial Inspections/FOG program for non-permitted non-domestic user controls
9	Has the POTW received RCRA Waste during the reporting period?	No
a	Provide the method by which the waste is received (i.e., whether by truck, rail, or dedicated pipe)	
b	Hazardous waste number	
c	Amount received annually of each hazardous waste	
10	Has the POTW received remediation waste during the reporting period? Applicants are exempt from the notification requirements of 40 CFR 403.12(p)(1) if they receive no more than fifteen kilograms per month of hazardous wastes, unless the wastes are acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e).	No
a	Provide the identity and description of the site(s) or facility(ies) at which the wastewater originates	

b	Provide the identities of the wastewater hazardous constituents, as listed in 40 CFR Part 261 Appendix VIII; if known	
c	Describe the extent of treatment, if any, the wastewater receives or will receive before entering the POTW	

IX	COMPLIANCE AND ENFORCEMENT FOR EACH SIU	
1	Fill out the Summary of Enforcement Actions on the sheet named "Table 2." Did you fill out Table 2 completely and accurately?	Yes

END

Table 1: Significant Industrial User Inventory (scroll to see all columns, add as many rows as necessary)

Reference/ Identification Number	Facility Name	Street Address	City	State	Zip Code	Industrial User Type
2002-32346	4RB Disposal, LLC.	2245 West Shangri La Road	Phoenix	AZ	85029-4813	SIU
2309-5405	AAA Ajax Pumping Service, Inc.	2433 South 7th Avenue	Phoenix	AZ	85007-4302	SIU
2202-2680	VHS of Phoenix, Inc. dba Abrazo Central Campus	2000 West Bethany Home Road	Phoenix	AZ	85015-2443	SIU
2104-20565	VHS Acquisition Subsidiary Number 1, Inc. dba Abrazo Scottsdale Campus	3929 East Bell Road	Phoenix	AZ	85032-2112	SIU
2308-47264	Advanced United Refining, Inc.	4575 West Watkins Street	Phoenix	AZ	85043-4508	CIU
2103-5378	Allied Tube & Conduit Corporation	2525 North 27th Avenue	Phoenix	AZ	85009-1710	CIU
2006-27301	Alsco Inc.	4707 West Camelback Road	Phoenix	AZ	85031-1413	SIU
2302-5397	Ameripride Services, Inc.	6025 West Van Buren Street	Phoenix	AZ	85043-3509	SIU
2309-48591	APEL Extrusions, Inc.	3033 South 59th Avenue	Phoenix	AZ	85043-7909	CIU
2210-30755	APS BioGroup, Inc.	2235 South Central Avenue	Phoenix	AZ	85004-2909	CIU

2311-1240	Arizona Public Service Co. - West Phoenix Power Plant	4606 West Hadley Street	Phoenix	AZ	85043-4900	CIU
2109-2180	Aramark Uniform & Career Apparel, LLC dba Aramark Uniform Services	3836 West Buckeye Road, Bldg. F	Phoenix	AZ	85009-5403	SIU
2102-5325	Arizona Foods Group, Inc.	2517 East Chambers Street	Phoenix	AZ	85040-3640	SIU
2103-20489	ASM America Inc.- University Drive Plant	3440 East University Drive	Phoenix	AZ	85034	SIU
1910-1310	Avanti Circuits, Inc.	17650 North 25th Avenue	Phoenix	AZ	85023-2115	CIU
2209-5366	Baker Commodities, Inc.	3602 West Elwood Street	Phoenix	AZ	85009-6737	SIU
2005-21828	Banner Estrella Medical Center	9201 West Thomas Road	Phoenix	AZ	85037-6918	SIU
1911-2710	Banner University Medical Center Phoenix Campus	1111 East McDowell Road	Phoenix	AZ	85006-2770	SIU
2009-33399	Barrel O' Fun Snack Foods Co. Southwest, LLC	7330 West Sherman Street	Phoenix	AZ	85043-4751	SIU
2312-1880	Bottling Group, LLC dba CBM Manufacturing Company, Inc. - Pepsi Phoenix	4242 East Raymond Street	Phoenix	AZ	85040-1935	SIU
2211-27064	Café Valley Bakery, Inc.	7000 West Buckeye Road	Phoenix	AZ	85043-4306	SIU
2106-2590	Carl T. Hayden VA Medical Center	650 East Indian School Road	Phoenix	AZ	85012-1839	SIU
2010-33214	Cassavant Assembly and Processing	3725 East Atlanta Avenue	Phoenix	AZ	85040-2960	CIU

2107-27278	Celgene Corporation	620 North 51st Avenue	Phoenix	AZ	85043-2702	CIU
2312-1340	Certified Inspection Service Company, Inc.	21 South 41st Street	Phoenix	AZ	85034-3005	CIU
1901-1350	ChemResearch Co., Inc.	1130 West Hilton Avenue	Phoenix	AZ	85007-4305	CIU
2310-2760	Chromalloy Arizona	5161 West Polk Street	Phoenix	AZ	85043-2720	CIU
2003-5316	Cintas Corporation	5501 West Hadley Street	Phoenix	AZ	85043-4600	SIU
2204-5375	Cintas Corporation	4804 West Roosevelt Street	Phoenix	AZ	85043-2809	SIU
2105-26452	Cleanpart Southwest LLC	3844 E University Drive, Suite 2	Phoenix	AZ	85034-7221	CIU
2312-32079	Crothall Laundry Service	4445 South 36th Street	Phoenix	AZ	2901	SIU
2203-2690	Dignity Health - St. Joseph's Hospital & Medical Center	350 West Thomas Road	Phoenix	AZ	85013-4409	SIU
2402-21740	DS Services of America	3302 West Earll Drive	Phoenix	AZ	5242	SIU
2006-33198	Dunn Edwards Corporation - Phoenix Facility	520 South 67th Avenue	Phoenix	AZ	85043-4432	SIU
2112-49398	Emerald Phoenix LLC.	4410 West Mohave Street	Phoenix	AZ	85043-8304	SIU
2309-30385	Entrepix, Inc.	4717 East Hilton Avenue	Phoenix	AZ	85034-	CIU
2203-49093	FM Industries Inc.	2635 East Magnolia Street	Phoenix	AZ	85034-6909	CIU
2110-27344	FM Industries Inc.	2104 West Roosevelt Street, Bldg D	Phoenix	AZ	85009-3702	CIU

2011-20950	Frontier Group, Inc.	3518 East Wood Street	Phoenix	AZ	85040-1835	CIU
2306-33358	Global Healing Center	925 East Salter Drive	Phoenix	AZ	5648	CIU
2307-25768	Gourmet Boutique West, LLC.	351 South Black Canyon Hwy	Phoenix	AZ	85009-5201	SIU
2007-32021	Gregory Packaging	439 South 55th Avenue	Phoenix	AZ	4621	SIU
2009-33387	Hadrian, Inc	3602 West Washington Street, Suite	Phoenix	AZ	85009-4767	CIU
2207-30340	Heligear Acquisition Co. dba Northstar Aerospace - Phoenix	300 South 23rd Street	Phoenix	AZ	85034-2500	CIU
2207-30339	Heligear Acquisition Co. dba Northstar Aerospace - Phoenix	401 South 36th Street	Phoenix	AZ	85034-2812	CIU
2302-5436	Honeywell International Inc. Former Peoria Avenue Facility/EW-1	2305 West Mercer Lane	Phoenix	AZ	85029-	SIU
2304-2990	Honeywell International, Inc.- Honeywell Aerospace - Phoenix R&O	1944 East Sky Harbor Circle North	Phoenix	AZ	85034-3442	CIU
2204-1510	Honeywell International, Inc.- Honeywell Engines Product Center	111 South 34th Street	Phoenix	AZ	85034-2802	CIU
2208-5383	Honeywell International, Inc. Former Peoria Avenue Facility/MW-10	2251 West Sierra Street	Phoenix	AZ	85029-	SIU
2203-5374	HonorHealth Deer Valley Medical Center	19829 North 27th Avenue	Phoenix	AZ	85027-4001	SIU

2201-2700	HonorHealth John C. Lincoln Hospital North Mountain	250 East Dunlap Avenue	Phoenix	AZ	85020-2825	SIU
2011-31009	HonorHealth Sonoran Crossing Medical Center	33400 North 32nd Avenue	Phoenix	AZ	85085-8876	SIU
2205-21489	Hydro Extrusion North America, LLC - Plant 2 Extrusion Operation	50 South 49th Avenue	Phoenix	AZ	85043-3715	CIU
2206R1-21490	Hydro Extrusion USA, LLC - Hydro Phoenix Remelt Operations	249 South 51st Avenue	Phoenix	AZ	85043-3715	CIU
2206R1-21491	Hydro Extrusion USA, LLC - Hydro Phoenix Plant 1	249 South 51st Avenue	Phoenix	AZ	85043-3715	CIU
2111-1650	La Canasta Mexican Food Products, Inc.	3101 West Jackson Street	Phoenix	AZ	85009-4833	SIU
2207-21741	Liquid Environmental Solutions of Arizona LLC	5159 West Van Buren Street	Phoenix	AZ	85043-3720	CIU
2210-27287	Liquid Environmental Solutions of Arizona LLC - Magnolia Street	1095 West Magnolia Street	Phoenix	AZ	85007-	CIU
2210-49688	Maricopa County Risk Management - Maricopa County Cave Creek Landfill	4050 East Sleepy Ranch Road	Cave Creek	AZ	85331	SIU
2007-20485	Marlyn Nutraceuticals Inc.	4404 East Elwood Street	Phoenix	AZ	85040-1909	CIU
2212-49727	Mastel Linen, Inc.	6005 West Sherman Street	Phoenix	AZ	85043-3514	SIU

2307-5395	Mayo Clinic Arizona - Mayo Clinic Hospital	5777 East Mayo Boulevard	Phoenix	AZ	85054-4502	SIU
2308-47324	MEC Arizona Manufacturing LLC dba Blast Asset Acquisitions LLC	1635 South 43rd Avenue	Phoenix	AZ	85009-6026	SIU
2309-27341	Mega Metals, LLC.	1325 North 22nd Avenue	Phoenix	AZ	85009-3714	CIU
2105-21495	Metal Finishing Solutions, Inc.	46 North 49th Avenue	Phoenix	AZ	85043-3825	CIU
2011-32746	Metco Metal Finishing, Inc.	3508 East Corona Avenue	Phoenix	AZ	85040-2842	CIU
2303-1780	Mission Linen Supply, Inc.	2652 South 16th Street	Phoenix	AZ	85034-6704	SIU
2105-22055	Mistras Arizona Inspection Services, Inc.	3027 East Washington Street	Phoenix	AZ	85034-1517	CIU
2112-21009	Modern Industries, Inc.	4755 East Beautiful Lane	Phoenix	AZ	85044-5318	CIU
2204-45175	Modern Industries, Inc.	3001 East Air Lane, Bldg #404	Phoenix	AZ	85034-2709	CIU
2212-5335	MPP Group of Companies	230 South 49th Avenue	Phoenix	AZ	85043-3805	CIU

2005-27191	Niagara Bottling, LLC	275 South 67th Avenue	Phoenix	AZ	85043-3412	SIU
2007-23176	NXP USA, Inc. - Freescale Semiconductor, Inc. 52nd Street Superfund Site - OU-1	5005 East McDowell Road	Phoenix	AZ	85008	SIU
2112-23571	PAS Technologies, Inc. dba StandardAero	1021 North 22nd Avenue	Phoenix	AZ	85009-3717	CIU
2205-21169	Phoenix Children's Hospital, Inc.	1919 East Thomas Road	Phoenix	AZ	85016-7710	SIU
2105-2600	Phoenix Indian Medical Center	4212 North 16th Street	Phoenix	AZ	85016-5319	SIU
2112-1930	Continental Materials Corporation dba Phoenix Manufacturing, Inc.	3655 East Roeser Road	Phoenix	AZ	85040-3968	SIU
2212-50248	PMA Industries, LLC.	18008 North Black Canyon Highway	Phoenix	AZ	85053-1715	CIU
2303-1960	Prudential Overall Supply	5102 West Roosevelt Street	Phoenix	AZ	85043-2716	SIU
2104-23398	Quantum Global Technology, LLC, dba QuantumClean	2101 West Roosevelt Street	Phoenix	AZ	85009-3702	CIU
2008-27319	Quantum Global Technology, LLC, dba QuantumClean	3925 East Watkins Street	Phoenix	AZ	85034-7208	CIU
2210-21433	Safeway Phoenix Ice Cream Plant	2434 East Pecan Road	Phoenix	AZ	85040-3631	SIU
2306-5296	Sagamore Camelback, LLC	1 East Camelback Road	Phoenix	AZ	85012-1668	SIU
2008-5300	Sav-On Plating, Inc.	25 West Watkins Street	Phoenix	AZ	85003-2824	CIU

2302-2090	Shamrock Foods Company - Dairy Division	2228 North Black Canyon Highway	Phoenix	AZ	85009-2707	SIU
2011-46461	Sky Chefs, Inc. - LSG Sky Chefs	3555 South 28th Street	Phoenix	AZ	85040-8603	SIU
2202-5373	Specialty Textile Services	720 West Buchanan Street	Phoenix	AZ	85007-3405	SIU
2108-5340	SUMCO Southwest Corporation	19801 North Tatum Boulevard	Phoenix	AZ	85050-4201	CIU
2004-21502	Sumitomo Chemical Advanced Technologies LLC	3832 East Watkins Street, Suite 200	Phoenix	AZ	85034-7254	CIU
2309-50811	Sunlit Arizona LLC	777 W Alameda Road	Phoenix	AZ	85085-6104	SIU
1907-3010	The Procter & Gamble Manufacturing Company	2050 South 35th Avenue	Phoenix	AZ	85009-6705	CIU
2307-49593	TSMC Arizona Corporation	5088 West Innovation Circle	Phoenix	AZ	85083	CIU
2210-3770	UniFirst Corporation	104 North 14th Street	Phoenix	AZ	85034-1114	SIU
2202-33224	Upper Crust Bakery	3655 West Washington Street	Phoenix	AZ	85009-4759	SIU
2009-5398	Valleywise Health Behavioral Center - Maryvale Campus	5102 West Campbell Avenue	Phoenix	AZ	85031-1703	SIU
2109-2670	Valleywise Health Medical Center	2601 East Roosevelt Street	Phoenix	AZ	85008-4973	SIU

2111-5404	World Resources Company	8113 West Sherman Street	Tolleson	AZ	85353-4025	SIU
2302-2280	ABS Metallurgical Processors, Inc.	4313 East Magnolia Street	Phoenix	AZ	85034-73	NSCIU
2109-25914	American Aerospace Technical Castings, Inc.	2950 West Catalina Drive	Phoenix	AZ	85017- 5	NSCIU
2106-27349	American Tube and Pipe	2528 North 27th Avenue	Phoenix	AZ	85009-	NSCIU
2310-10959	Asphalt Terminals, LLC	1935 West McDowell Road	Phoenix	AZ	85009-30	NSCIU
2110-48221	Central Admixture Pharmacy Services, Inc.	2200 South 43rd Avenue	Phoenix	AZ	85043-39	NSCIU
2107-5402	CMR Manufacturing, Inc.	2421 East Jackson Street	Phoenix	AZ	85034-26	NSCIU
2401-2060	Coating Technologies, LLC	21438 North 7th Avenue	Phoenix	AZ	85027-2925	NSCIU
2204-33800	Contact Coatings, LLC	1930 West Quail Avenue, Suite B	Phoenix	AZ	85027-26	NSCIU
2109-3980	Controlled Thermal Technology Corporation	2617 West Cypress Street	Phoenix	AZ	85009-26	NSCIU
2304-45092	Dolphin, Inc.	440 North 51st Ave	Phoenix	AZ	85043-27	NSCIU
2303-30891	Environmental Management Utility Services, LLC.	2132 South 5th Avenue	Phoenix	AZ	85003-28	NSCIU
2311-42181	Fuels, LLC.	203 South 23rd Street	Phoenix	AZ	85034-25	NSCIU
2110-1570	Honeywell International Inc.- Honeywell Aerospace - Deer Valley	21111 North 19th Avenue	Phoenix	AZ	85027-27	NSCIU
2305-32141	Intrepid Coatings, Inc.	1910 East Riverview Drive	Phoenix	AZ	85034-67	NSCIU
2307-42482	Lighting Resources, LLC.	1545 East Victory Street	Phoenix	AZ	85020-13	NSCIU
2307-39802	Lighting Resources, LLC.	1522 East Victory Street, Suite 4	Phoenix	AZ	85040-13	NSCIU
2104-27325	Louie's Metal Finishing, LLC dba Louie's Black Oxide	2008 West Jackson Street	Phoenix	AZ	85009-52	NSCIU
2110-47174	Metal Coating Solutions, LLC.	334 North 25th Avenue	Phoenix	AZ	85009-44	NSCIU
2212-26380	Modern Metal Masters, Inc. dba M3 Metals/Bernie's Brass	2326 East Magnolia Street	Phoenix	AZ	85034-68	NSCIU

2107-1840	Ohlinger Industries, Inc.	1211 West Melinda Lane	Phoenix	AZ	85027-	NSCIU
2308-3900	Osborn Products Manufacturing LLC	1127 West Melinda Way	Phoenix	AZ	85027-	NSCIU
2209-4400	Perma-Finish, Inc.	74 North 45th Avenue	Phoenix	AZ	85043-	NSCIU
2112-1910	Phoenix Heat Treating, Inc.	2405 West Mohave Street	Phoenix	AZ	85009-64	NSCIU
2309-41418	Phoenix Welding Supply LLC	701 South 7th Street	Phoenix	AZ	85034-32	NSCIU
2212-30738	Precise Metal Products Company	4534 North 44th Avenue	Phoenix	AZ	85031-15	NSCIU
2208-10603	Precision Industrial Painting, Inc.	1139 West Hilton Avenue	Phoenix	AZ	85007-	NSCIU
2212-33779	Precision Science, Inc.	1517 W. Knudsen Drive	Phoenix	AZ	85027-13	NSCIU
2108-4290	R.B. Machine Company, Inc.	3729 West Buchanan Street	Phoenix	AZ	85009-	NSCIU
2107-10920	Royal Sign Company, Inc.	2631 North 31st Avenue	Phoenix	AZ	85009-15	NSCIU
2103-48274	SenesTech, Inc.	777 West Pinnacle Peak Road, Suite	Phoenix	AZ	85027-14	NSCIU
2107-6180	Solvent Recy-Clean, Inc.	1850 West Broadway Road, Suite 11(	Phoenix	AZ	85041-22	NSCIU
2203-45867	Southwest Oil Recovery, LLC.	3425 North 29th Avenue	Phoenix	AZ	85017-49	NSCIU
2103-5370	Southwest Powder of Arizona, LLC.	116 North 59th Avenue	Phoenix	AZ	85043-35	NSCIU
2306-30678	STP Performance Coating, LLC	1131 West Watkins Street	Phoenix	AZ	85007-43	NSCIU
2110-5432	Sun West Engineering, Inc.	3802 West Broadway Road	Phoenix	AZ	85040-29	NSCIU
2304-20513	Thermo Fluids, Inc.	4301 West Jefferson Street	Phoenix	AZ	85043-39	NSCIU
2310-10963	Veolia ES Technical Solutions, LLC	5736 West Jefferson Street	Phoenix	AZ	85043-36	NSCIU

Table 2. Summary of Enforcement Actions

Facility Name	Types of Industrial User Enforcement Action (add row for each that applies)	If other, please describe	Number of Industrial User Enforcement Actions of this type	Describe any proposed actions for bringing the SIU into compliance
APS BioGroup, Inc.	Notice of Violation		3	NOV Response, resampling
Aramark Uniform Services, LLC.	Notice of Violation		1	Temporary Increase in Self-Monitoring (TISM), NOV response
Arizona Foods Group, Inc.	Notice of Violation		7	NOV Response, TISM, Show Cause Proceeding
Arizona Foods Group, Inc.	Other	Notice of Concern	1	Response letter
ASM America, Inc.	Notice of Violation		1	NOV Response, 30-Day Resample & TISM
ASM America, Inc.	Other	Notice of Concern	1	
Baker Commodities, Inc.	Notice of Violation		1	NOV response, resample
Banner University Medical Center - Phoenix	Notice of Violation		1	NOV Response
Bottling Group LLC (Pepsi) - CBM Manufacturing Company, Inc.	Other	Show Cause Proceeding	1	No penalty; Pretreatment Settlement Agreement, Compliance Schedule with pretreatment upgrades
Café Valley, Inc.	Notice of Violation		1	NOV Response
Carl T. Hayden VA Medical Center	Other	Notice of Concern	1	Response letter
Cassavant Assembly & Processing, LLC	Notice of Violation		1	NOV Response, 30-Day Resample & TISM
Cassavant Assembly & Processing, LLC	Other	Notice of Concern	1	Resample
ChemResearch Co,. Inc.	Notice of Violation		1	30-Day Resample, NOV Response
Continental Materials Corporation dba Phoenix Manufacturing, Inc.	Notice of Violation		1	NOV Response, Resample
Continental Materials Corporation dba Phoenix Manufacturing, Inc.	Other	Notice of Concern	1	Resample
Crothall Laundry Service	Notice of Violation		1	NOV Response
Crothall Laundry Service	Other	Notice of Concern	1	
DS Services of America	Notice of Violation		2	NOV Response, Resample
Emerald Phoenix, LLC	Notice of Violation		1	NOV response, TISM
Frontier Group	Other	Notice of Concern	1	NOC Response
Global Healing Center, LLC	Other	Notice of Concern	1	
Global Healing Center	Other	Show Cause Proceeding	1	No penalty; Pretreatment Settlement Agreement, Compliance Schedule
Gourmet Boutique West, LLC.	Notice of Violation		1	NOV Response
Gourmet Boutique West, LLC.	Other	Review Meeting	1	Pretreatment system upgrade
Hadrian, Inc	Notice of Violation		3	NOV Response, 30-Day Resample & TISM
Heligear Acquisition Co. dba Northstar Aerospace - Phoenix (401)	Notice of Violation		1	NOV Response, Resample
Honeywell International, Inc.- Honeywell Engines	Other	pH Waiver	1	
Honeywell International, Inc. dba Honeywell Aerospace - Phoenix R&O	Other	Notice of Concern	1	
Hydro Extrusion USA, LLC - Hydro Phoenix Remelt Operations	Notice of Violation		1	NOV response, 30-day Resample, TISM
Hydro Extrusion USA, LLC - Hydro Phoenix Plant 1	Notice of Violation		1	NOV response, 30-day Resample, TISM
La Canasta Mexican Food Products, Inc.	Notice of Violation		1	NOV Response, TISM
Lighting Resources, LLC	Notice of Violation		1	NOV Response

Lighting Resources, LLC (1545 E Victory Street)	Notice of Violation		1	NOV Response
Liquid Environmental Solutions of Arizona, LLC.	Other	Show Cause	1	Penalty ($130,282.25), Compliance Schedule
Liquid Environmental Solutions of Arizona, LLC.	Other	Notice of Concern	1	
Liquid Environmental Solutions of Arizona, LLC.	Notice of Violation		3	NOV Response, TISM
Liquid Environmental Solutions of Arizona LLC - Magnolia Street	Notice of Violation		1	NOV Response
Louie's Metal Finishing, LLC dba Louie's Black Oxide	Other	Notice of Concern	1	NOV Response
Maricopa County Risk Management - Maricopa County Cave Creek Landfill	Other	Notice of Concern	1	
Maricopa County Risk Management - Maricopa County Cave Creek Landfill	Notice of Violation		1	NOV Response
Mastel Linen Inc.	Notice of Violation		1	NOV Response, TISM
MEC Arizona Manufacturing LLC dba Blast Asset Acquisitions LLC	Other	Notice of Concern	1	
Metal Finishing Solutions, Inc.	Other	Show Cause Proceeding	1	Penalty ($37,470)
Metal Finishing Solutions, Inc.	Notice of Violation		9	NOV Response, TISM
Metal Finishing Solutions, Inc.	Other	Review Meeting	1	Compliance Schedule
Metal Finishing Solutions, Inc.	Other	Notice of Concern	3	
Metco Metal Finishing, Inc.	Notice of Violation		2	NOV Response, TISM
Metco Metal Finishing, Inc.	Other	Notice of Concern	1	
Mission Linen Supply	Notice of Violation		1	NOV Response
Mistras Arizona Inspection Services Inc.	Notice of Violation		2	NOV Response, TISM
MPP Group of Companies	Notice of Violation		1	NOV Response
PAS Technologies, Inc. dba StandardAero	Notice of Violation		2	NOV Response, resample
Phoenix Children's Hospital, Inc.	Notice of Violation		2	NOV Response, Resample
Phoenix Children's Hospital, Inc.	Other	Notice of Concern	1	
Phoenix Indian Medical Center	Notice of Violation		2	NOV Response, Resample
PMA Photometals of Arizona dba PMA Industries	Other	Show Cause Proceeding	1	No penalty; Compliance Schedule
Prudential Overall Supply	Other	Notice of Concern	1	
Quantum Global Technology, LLC, dba QuantumClean (Roosevelt)	Notice of Violation		1	NOV Response
Royal Sign Company, Inc.	Other	Notice of Concern	1	
SenesTech, Inc.	Notice of Violation		1	NOV Response
Sagamore Camelback, LLC	Other	Notice of Concern	1	
Shamrock Foods Company - Dairy Division	Other	Notice of Concern	1	
Southwest Oil Recovery, LLC.	Notice of Violation		1	NOV Response
Southwest Oil Recovery, LLC.	Other	Notice of Concern	1	
Specialty Textile Services, L.L.C.	Notice of Violation		2	NOV response, TISM
Sumitomo Chemical Advanced Technologies LLC	Notice of Violation		1	NOV response, 30-day resample, TISM
TSMC Arizona Corporation	Notice of Violation		2	NOV Response, TISM
TSMC Arizona Corporation	Other	Notice of Concern	2	
Upper Crust Bakery	Other	Show Cause Proceeding	2	Penalty ($38,627.92), Compliance Schedule
Upper Crust Bakery	Notice of Violation		10	NOV Response, Demand Inspection, Pretreatment system upgrades
Valleywise Health Medical Center (MIHS)	Other	Notice of Concern	1	
VHS of Phoenix, Inc. dba Abrazo Central Campus	Notice of Violation		2	NOV Response

City of Phoenix, AZ
Industrial Pretreatment Annual Report
Supplemental Information
2023

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

February 27, 2024

Amelia Whitson
Pretreatment Coordinator
NPDES Permits Office (WTR-2-3)
US EPA, Region 9
75 Hawthorne Street
San Francisco, CA 94105
R9Pretreatment@epa.gov

To whom it may concern,

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

Enclosed is requested supplemental information as part of the new reporting format for the City of Phoenix Industrial Pretreatment (IPP) Annual Report. This report covers both 23rd Avenue and 91st Avenue Wastewater Treatment Plants for the reporting period beginning January 1, 2023, and ending December 31, 2023. This includes information required by the National Pollutant Discharge Elimination System Permit, effective May 1, 2023; and the Arizona Pollutant Discharge Elimination System Permits, effective August 5, 2019. In addition, included in separate attachments are the City of Phoenix, Arizona Department of Environmental Quality, IPP Annual Report submittal and Certification Statement, as well as all Sub-Regional Operating Group (SROG) ADEQ Annual Report submittals.

Sincerely,

Jesse Flores
Principal Engineering Technician

Enclosures:
ADEQ Annual Report (Excel Spreadsheet)
SROG City IPP Annual Reports

c:
Milton Sanchez
Chelsey Mc Cluskey
Christine Nunez
Jennifer Calles

Summary of Priority Pollutant Results

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

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

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

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

23rd Ave. Wastewater Treatment Plant

	Number of Observations	Number of Non-Detects	[1]Average	Maximum	Units
1,1,1-Trichloreothane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,1,2,2-Tetrachloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,1,2-Trichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,1-Dichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,1-Dichloroethylene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,2,4-Trichlorobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	2	2	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichlorobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	2	2	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichloropropane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L

Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,2-Diphenylhydrazine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,2-Trans-dichloroethylene (Trans-1,2-Dichloroethene)					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,3-Dichlorobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	2	2	All Non-Detect	-	mg/kg Dry Wt
1,3-Dichloropropylene (cis/trans-1,3-Dichloropropene)					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
1,4-Dichlorobenzene					
Influent	12	12	5.2	0.98	µg/L
Effluent	5	5	0.22	0.33	µg/L
Biosolids	2	2	All Non-Detect	-	mg/kg Dry Wt
2,3,7,8-TCDD (Dioxin)					
Influent	1	1	All Non-Detect	-	pg/L
Effluent	1	1	All Non-Detect	-	pg/L
Biosolids	1	1	All Non-Detect	-	ng/kg Dry Wt
2,4,6-Trichlorophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
2,4-Dichlorophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
2,4-Dimethylphenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

2,4-Dinitrophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
2,4-Dinitrotoluene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
2,6-Dinitrotoluene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
2-Chloroethyl vinyl ethers					
Influent	1	1	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
2-Chloronaphthalene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
2-Chlorophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
2-Nitrophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
3,3-Dichlorobenzidine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
4,4-DDD					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
4,4-DDE					
Influent	12	12	All Non-Detect	-	µg/L

Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
4,4-DDT					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
4,6-Dinitro-o-cresol (2-Methyl-4,6-dinitrophenol)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
4-Bromophenyl phenyl ether					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
4-Chlorophenyl phenyl ether					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
4-Nitrophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Acenaphthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Acenaphthylene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Acrolein					
Influent	1	1	All Non-Detect	-	µg/L
Effluent	2	2	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Acrylonitrile					
Influent	1	1	All Non-Detect	-	µg/L
Effluent	2	2	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	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Alpha-BHC					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Alpha-endosulfan (Endosulfan I)					
Influent	12	10	0.009	0.05	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Anthracene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Antimony					
Influent	12	11	0.00077	0.0013	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt
Arsenic					
Influent	12	8	0.0015	0.0031	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	0	7.5	9.3	mg/kg Dry Wt
Benzene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Benzidine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Benzo(a) anthracene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Benzo(a)pyrene					

Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Benzo(b) fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Benzo(ghi) perylene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Benzo(k) fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Beryllium					
Influent	12	11	0.00011	0.0002	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt
Beta-BHC					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Beta-endosulfan (Endosulfan II)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Bis(2-chloroethoxy) methane					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Bis(2-chloroethyl) ether					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Bis(2-chloroisopropyl) ether					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L

Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Bis(2-ethylhexyl) phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	3	2.1	2.4	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Boron (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	12	0	0.333	0.390	mg/L
Effluent	4	0	0.346	0.374	mg/L
Biosolids	0	0	N/A	-	mg/kg Dry Wt
Bromoform					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	4	0.34	0.67	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Bromomethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Butyl benzyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	3	1.6	2.6	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Cadmium					
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
Carbon tetrachloride					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Chlordane					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Chlorobenzene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Bromodichloromethane					
Influent	4	0	0.7	0.88	µg/L
Effluent	4	0	11	26	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Chloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Chloroform					
Influent	4	0	6.5	13	µg/L
Effluent	5	0	19	36	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Chromium					
Influent	12	0	0.0088	0.017	mg/L
Effluent	4	1	0.004	0.014	mg/L
Biosolids	6	0	75	110.0	mg/kg Dry Wt
Chrysene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Copper					
Influent	12	0	0.014	0.268	mg/L
Effluent	4	0	0.005	0.007	mg/L
Biosolids	6	0	892	1040	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	5	0.2115	0.446	mg/kg Dry Wt
Delta-BHC					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Dibenzo(a,h) anthracene					
Influent	12	11	16.1	54.3	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Dibromochloromethane					
Influent	4	1	0.44	0.69	µg/L

Effluent	5	0	3.7	10	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Dieldrin					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Diethyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Dimethyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Di-n-butyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Di-n-octyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Endosulfan sulfate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Endrin					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Endrin aldehyde					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Ethylbenzene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt

Fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Fluorene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Fluoride (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	11	0	0.90	1.0	mg/L
Effluent	1	0	0.9	0.9	mg/L
Biosolids	0	0	-	-	mg/kg Dry Wt
Gamma-BHC					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Heptachlor					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Heptachlor epoxide					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Hexachlorobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Hexachlorobutadiene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	2	2	All Non-Detect	-	mg/kg Dry Wt
Hexachlorocyclopentadiene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Hexachloroethane					

Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Indeno (1,2,3-cd) pyrene					
Influent	12	11	20.6	48.5	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Isophorone					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Lead					
Influent	12	12	0.0038	0.0101	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt
Mercury					
Influent	12	9	0.000095	0.000300	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	0	1.11	1.7	mg/kg Dry Wt
Methyl bromide (Bromomethane)					
Influent	4	4	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Methyl chloride (Chloromethane)					
Influent	4	4	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Methylene chloride (Dichloromethane)					
Influent	4	2	3.3	8.6	mg/L
Effluent	5	4	2.2	9.2	mg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Molybdenum (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	12	0	0.0083	0.0174	mg/L
Effluent	4	0	0.0046	0.0058	mg/L
Biosolids	6	0	25	29.3	mg/kg Dry Wt
Naphthalene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L

Biosolids	2	2	All Non-Detect	-	mg/kg Dry Wt
Nickel					
Influent	12	0	0.010	0.017	mg/L
Effluent	4	0	0.0055	0.010	mg/L
Biosolids	6	0	40.7	44.1	mg/kg Dry Wt
Nitrobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
N-nitrosodimethylamine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
N-nitrosodi-n-propylamine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
N-nitrosodiphenylamine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Parachlorometa cresol (4-Chloro-3-methylphenol)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
PCB–1016 (Arochlor 1016)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
PCB–1221 (Arochlor 1221)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
PCB–1232 (Arochlor 1232)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	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	5	5	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	5	5	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	5	5	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	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Pentachlorophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Phenanthrene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Phenol					
Influent	12	2	27.9	35.7	µg/L
Effluent	4	2	1.5	2.8	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Pyrene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Selenium					
Influent	12	11	0.0011	0.0025	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	0	6.7	8.8	mg/kg Dry Wt
Silver					
Influent	12	11	0.00051	0.0008	mg/L

Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt
Tetrachloroethylene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Thallium					
Influent	12	12	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	6	6	All Non-Detect	-	mg/kg Dry Wt
Toluene					
Influent	4	0	3.4	11	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Toxaphene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Trichloroethylene (Trichloroethene)					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	5	5	All Non-Detect	-	µg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Vinyl chloride					
Influent	4	4	All Non-Detect	-	mg/L
Effluent	5	5	All Non-Detect	-	mg/L
Biosolids	1	1	All Non-Detect	-	mg/kg Dry Wt
Zinc					
Influent	12	0	0.169	0.392	mg/L
Effluent	4	0	0.003	0.042	mg/L
Biosolids	6	0	1370	1510	mg/kg Dry Wt

[1]Average calculations include non-detect values. Non-detect values were multiplied by 0.5. Due to varying

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	Number of Observations	Number of Non-Detects	[1]Average	Maximum	Units
1,1,1-Trichloreothane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
1,1,2,2-Tetrachloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
1,1,2-Trichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
1,1-Dichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
1,1-Dichloroethylene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
1,2,4-Trichlorobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	8	8	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichlorobenzene					
Influent	14	14	All Non-Detect	-	µg/L
Effluent	13	13	All Non-Detect	-	µg/L
Biosolids	8	8	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichloroethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
1,2-Dichloropropane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

1,2-Diphenylhydrazine

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

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

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

1,3-Dichlorobenzene

Influent	14	14	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	8	8	All Non-Detect	-	mg/kg Dry Wt

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

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

1,4-Dichlorobenzene

Influent	14	14	All Non-Detect	-	µg/L
Effluent	14	13	0.49	0.16	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	4	4	All Non-Detect	-	mg/kg Dry Wt
2,6-Dinitrotoluene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2-Chloroethyl vinyl ethers					
Influent	1	1	All Non-Detect	-	µg/L
Effluent	1	1	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2-Chloronaphthalene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2-Chlorophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
2-Nitrophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
3,3-Dichlorobenzidine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4,4-DDD					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4,4-DDE					
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-DDT					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4,6-Dinitro-o-cresol (2-Methyl-4,6-dinitrophenol)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4-Bromophenyl phenyl ether					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4-Chlorophenyl phenyl ether					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
4-Nitrophenol					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Acenaphthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Acenaphthylene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Acrolein					
Influent	1	1	All Non-Detect	-	µg/L
Effluent	1	1	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Acrylonitrile					
Influent	1	1	All Non-Detect	-	µg/L
Effluent	1	1	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

Aldrin					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	13	13	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Alpha-BHC					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Alpha-endosulfan (Endosulfan I)					
Influent	12	11	0.0075	0.054	µg/L
Effluent	12	12	All Non-Detect	-	µg/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	11	0.00077	0.0013	mg/L
Effluent	5	5	All Non-Detect	-	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Arsenic					
Influent	12	3	0.0020	0.0034	mg/L
Effluent	5	2	0.0018	0.0024	mg/L
Biosolids	12	0	6.8	7.9	mg/kg Dry Wt
Benzene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Benzidine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Benzo(a) anthracene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Benzo(a)pyrene					
Influent	12	12	All Non-Detect	-	µg/L

Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Benzo(b) fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Benzo(ghi) perylene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Benzo(k) fluoranthene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Beryllium					
Influent	12	11	0.00012	0.0004	mg/L
Effluent	5	5	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	6	6	All Non-Detect	-	mg/kg Dry Wt

Bis(2-ethylhexyl) phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	11	2.2	3.2	µg/L
Biosolids	4	2	5.2	9.6	mg/kg Dry Wt
Boron (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	12	0	0.384	0.439	mg/L
Effluent	12	0	0.417	0.481	mg/L
Biosolids	0	0	-	-	mg/kg Dry Wt
Bromodichloromethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	0	0.58	0.97	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Bromoform					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Butyl benzyl phthalate					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	10	2	2.8	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Cadmium					
Influent	12	12	All Non-Detect	-	mg/L
Effluent	12	12	All Non-Detect	-	mg/L
Biosolids	12	12	All Non-Detect	-	mg/kg Dry Wt
Carbon tetrachloride					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Chlordane					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Chlorobenzene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Chloroethane					

Influent	4	4	All Non-Detect	-	µg/L
Effluent	4	4	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Chloroform					
Influent	4	0	3.8	4.4	µg/L
Effluent	7	0	2.1	2.8	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Chromium					
Influent	12	0	0.0066	0.0164	mg/L
Effluent	5	4	0.0009	0.0016	mg/L
Biosolids	12	0	55.1	57.7	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	0.095	0.256	mg/L
Effluent	5	1	0.002	0.004	mg/L
Biosolids	12	0	617	692	mg/kg Dry Wt
Cyanide, Total (Cyanide samples are discrete samples.)					
Influent	12	9	0.0038	0.003	mg/L
Effluent	12	10	0.0071	0.012	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Delta-BHC					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Dibenzo(a,h) anthracene					
Influent	12	11	17	52.3	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Dibromochloromethane					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	5	0.17	0.19	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Dieldrin					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	13	13	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	15	15	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Endrin aldehyde					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Ethylbenzene					
Influent	4	4	All Non-Detect	-	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	3	3.9	5.9	mg/kg Dry Wt

Fluorene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Fluoride (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	11	0	1.3	1.5	mg/L
Effluent	2	0	1.0	1.0	mg/L
Biosolids	0	0	-	-	mg/kg Dry Wt
Gamma-BHC					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	15	15	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	15	15	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	14	14	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	11	22.5	47.1	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	10	0.0013	0.0035	mg/L
Effluent	12	12	All Non-Detect	-	mg/L
Biosolids	12	12	All Non-Detect	-	mg/kg Dry Wt
Mercury					
Influent	12	12	All Non-Detect	-	mg/L
Effluent	12	1	1	1.7	ng/L
Biosolids	12	0	0.56	0.8	mg/kg Dry Wt
Methyl bromide (Bromomethane)					
Influent	4	4	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Methyl chloride (Chloromethane)					
Influent	4	4	All Non-Detect	-	mg/L
Effluent	4	4	All Non-Detect	-	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Methylene chloride (Dichloromethane)					
Influent	4	3	8.8	22	mg/L
Effluent	6	3	1.8	4.6	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Molybdenum (Non Priority Pollutant studied for Local Limits Monitoring)					
Influent	12	0	0.0110	0.0334	mg/L
Effluent	5	0	0.0038	0.0052	mg/L
Biosolids	12	8	14.5	23.8	mg/kg Dry Wt
Naphthalene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	8	8	All Non-Detect	-	mg/kg Dry Wt
Nickel					
Influent	12	1	0.0088	0.017	mg/L
Effluent	5	0	0.004	0.005	mg/L

Biosolids	12	11	22.8	32.3	mg/kg Dry Wt
Nitrobenzene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
N-nitrosodimethylamine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
N-nitrosodi-n-propylamine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
N-nitrosodiphenylamine					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Parachlorometa cresol (4-Chloro-3-methylphenol)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	12	12	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
PCB–1016 (Arochlor 1016)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
PCB–1221 (Arochlor 1221)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
PCB–1232 (Arochlor 1232)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
PCB–1242 (Arochlor 1242)					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt

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	3	7.4	20	mg/kg Dry Wt
Phenol					
Influent	12	1	44.8	68.1	µg/L
Effluent	12	9	1.2	2.6	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	10	0.0012	0.0018	mg/L
Effluent	12	12	All Non-Detect	-	mg/L
Biosolids	12	0	7.3	8.5	mg/kg Dry Wt
Silver					
Influent	12	11	0.00051	0.00086	mg/L
Effluent	5	4	0.00048	0.00079	mg/L
Biosolids	12	12	All Non-Detect	-	mg/kg Dry Wt
Tetrachloroethylene					

Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Thallium					
Influent	12	12	All Non-Detect	-	mg/L
Effluent	5	5	All Non-Detect	-	mg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Toluene					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Toxaphene					
Influent	12	12	All Non-Detect	-	µg/L
Effluent	14	14	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Trichloroethylene (Trichloroethene)					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Vinyl chloride					
Influent	4	4	All Non-Detect	-	µg/L
Effluent	6	6	All Non-Detect	-	µg/L
Biosolids	4	4	All Non-Detect	-	mg/kg Dry Wt
Zinc					
Influent	12	0	0.136	0.212	mg/L
Effluent	5	0	0.015	0.025	mg/L
Biosolids	12	0	860	949	mg/kg Dry Wt

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

Upset, Interference, and Pass Through

23rd Avenue Wastewater Treatment Plant AZPDES Permit No. AZ0020559
91st Avenue Wastewater Treatment Plant NPDES Permit No. AZ0020524

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, 2023. 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 D.4.b. of the NPDES Permit and Part V Section B.4.b. of the AZPDES Permit.

Analytical results of effluent samples obtained during 2023 at the 23rd Avenue and 91st Avenue Wastewater Treatment Plants (WWTP) were compared against the federal definitions of Upset, Interference, and Pass Through.

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

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

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

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

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

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

23rd Avenue WWTP

Based upon these definitions, there were no violations due to incidents of upset, interference, or pass-through that were attributable to nondomestic users of the POTW at the 23rd Avenue WWTP during 2023.

There were three instances of pink colored water flowing into the plant influent, that occurred in December 2023 and January 2024. One instance in January 2024 caused a decrease in dissolved oxygen at the plant aeration basins. The other two instances did not disrupt the dissolved oxygen in the aeration basins. Wastewater Collections Staff assisted in the investigation of the pink influent by tracing the pink color through the City of Phoenix Collections System which led to a business that specializes in recycling of a variety of plastic and aluminum containers that can contain liquids with dyes in them. The Industrial Pretreatment Program (IPP) staff performed an on-site inspection and issued a Cease-and-Desist Notice of Violation (NOV) and instructed the facility owners to no longer discharge liquids with dyes into the City Collection System. The business is in the beginning stages of the permitting process.

There was one Aquifer Protection Permit (APP) exceedance observed during 2023 and provided here for information purposes only. In October, an exceedance of the Dichloromethane parameter was observed at the Effluent Junction Box, Outfall 004. This resulted in an APP discharge limit exceedance. The City is conducting an ongoing investigation for this exceedance through monitoring upstream of the plant and facility inspections of possible polluters.

91st Avenue WWTP

Based upon these definitions, there were no violations due to incidents of upset, interference, or pass-through that were potentially attributable to nondomestic users of the POTW at the 91st Avenue Wastewater Treatment Plant (WWTP) during 2023.

There were four Aquifer Protection Permit (APP) exceedances observed during 2023 and are provided here for information purposes only. In March and November, an exceedance of the APP discharge limit for the E. coli parameter occurred at the plant re-use pump stations. This was caused by an internal operational problem within the plant process, which was corrected on the same day.

In January and November, an exceedance of the APP discharge limit for the Gross Beta Parameter was observed at the influent to the Tres Rios Wetlands, FRW-1. The Gross Beta investigation is currently ongoing. During the investigation, the Gross Beta result was attributed to naturally occurring nuclides from natural sources and short-lived nuclides used in nuclear medicine that are common in wastewater from patients undergoing nuclear diagnosis. The City has continued to actively monitor and investigate upstream of the 91st Avenue Wastewater Treatment Plant in the collection system, at Phoenix Industrial Facilities, and the Metering

Stations that are shared with the Sub Regional Operating Group (SROG) partners. The SROG partners have also completed investigations in their respective cities for any facilities with the potential to discharge gross beta to the sewer. The City is considering additional resources to continue the investigation to help determine the gross beta source(s), including hiring an environmental consultant to assist with further investigation.

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 have been renewed or amended:

- 91st Avenue WWTP NPDES permit renewal became effective May 23, 2023, and is effective until April 30, 2028.
- 23rd Avenue WWTP AZPDES permit became effective August 5, 2019, and is effective until August 4, 2024.
- 91st Avenue WWTP Aquifer Protection Permit (APP) became effective on October 4, 2002, and was last amended on October 17, 2023.
- 23rd Avenue WWTP APP became effective on April 29, 1999, and was last amended on July 16, 2020.

Sub-Regional Operating Group, City of Phoenix Significant Non-Compliance Industrial User List Published in 2023

THE ARIZONA REPUBLIC

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

AFFIDAVIT OF PUBLICATION

STATE OF WISCONSIN } SS.

COUNTY OF BROWN

CITY OF PHOENIX
200 W WASHINGTON
PHOENIX, AZ 85003

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

Publication: Arizona Republic

Ad number: GCI1026603

PO Field: LOG# 13351 - RE: Water Request - Official Advertising Request Form.xlsx

Published Date(s):

03/09/2023

Sworn to before me this

9th day of
March, 2023

Notary Public
My Commission Expires on 9.19.25

VICKY FELTY
Notary Public
State of Wisconsin

Industrial Users In Significant Noncompliance with Applicable Pretreatment Requirements in 2022

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 form adverse impacts that could occur when toxic wastes are discharged into a wastewater collection system. Each municipality issues wastewater discharge permits to Significant* Industrial Users (Users) in their communities and the Users are responsible for ensuring that they comply with respective local ordinances and federal regulations.

In accordance with the Federal Clean Water Act and the public participation requirements of 40 CFR Part 25 in the enforcement of the National Pretreatment Standards as defined by 40 CFR 403.8(f)(2) (viii), **the Cities of Glendale, Mesa, Phoenix, Scottsdale, and Tempe, and the Town of Gilbert, Arizona** are hereby publishing the following list of Users in Significant Noncompliance (SNC) with applicable pretreatment requirements. **This notice covers the period from January 1, 2022 through December 31, 2022.**

A Significant Industrial User, and in specific cases 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 (45*) 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 12/31/2022?	Number of Times Published	Nature of Enforcement Action(s)	Comments
Glendale						
No Users in SNC						
Mesa						
No Users in SNC						
Phoenix						
Liquid Environmental Solutions of Arizona, LLC. 5159 West Van Buren Street Phoenix, Arizona 85043-3720	p-Cresol Monthly Average Chronic and Technical Review Criteria – 2nd Quarter	12/31/2022	No	4	Notices of Violation TISM SNC Notification Show Cause Proceeding Monetary Penalty	Two Show Cause Proceedings imposing monetary penalties took place during the 1st and 4th Quarters of 2022. Violations in addition to p- Cresol effluent include copper, selenium, zinc, n- Octadecane effluent and late reporting violations.
PMA Photometals of Arizona, Inc. dba PMA Industries of Arizona, Inc. 18008 North Black Canyon Highway Phoenix, Arizona 85053-1715	Copper Daily Maximum and Monthly Average Technical Review Criteria – 3rd Quarter	07/07/2022	Yes	1	Notices of Violation TISM SNC Notification	A Show Cause Proceeding imposing potential monetary penalties will take place during the 1st Quarter of 2023. Violations in addition to copper effluent include a nickel effluent violation.
APS BioGroup, Inc. 2235 South Central Avenue Phoenix, Arizona 85004-2909	Acetone Monthly Average Technical Review Criteria – 4th Quarter	08/07/2022	Yes	2	Notice of Violation TISM SNC Notification Show Cause Proceeding Monetary Penalty	A Show Cause Proceeding imposing monetary penalties took place on December 7, 2022. The Pretreatment Settlement Agreement incorporating monetary penalties is in the process of being executed.
Metal Finishing Solutions, Inc. 46 North 49th Avenue Phoenix, Arizona 85043-3825	Silver Daily Maximum and Monthly Average Technical Review Criteria – 4th Quarter	12/31/2022	No	1	Notices of Violation TISM SNC Notification Review Meeting	A Show Cause Proceeding imposing potential monetary penalties will take place during the 2nd or 3rd Quarter of 2023. Violations in addition to silver effluent include a mercury effluent, late reporting and failure to sample violations.
Global Healing Center 925 East Salter Drive Phoenix, Arizona 85024-5648	**Zinc Daily Maximum Technical Review Criteria – 4th Quarter**	**11/07/2022**	**Yes**	**1**	**Notice of Violation TISM SNC Notification**	**A Show Cause Proceeding imposing potential monetary penalties will take place during the 3rd Quarter of 2023. Violations in addition to silver effluent include a mercury effluent, late reporting and failure to sample violations.**
Scottsdale						
No Users in SNC						
Tempe						
Sun Orchard, LLC	**Prohibited Substance/ 4,4, - DDE**	**April 6, 2022**	**Yes**	**2**	**Notice of Violation and Administrative Order SNC Notification**	**Tempe significantly increased monitoring and assessed two administrative fines in 2022 and has worked with Sun Orchard, LLC to achieve a return to identify a root cause and achieve a return to compliance.**
Town of Gilbert						
No Users in SNC						

*Phoenix City Code Chapter 28 was amended on October 7, 2020 to incorporate the October 14, 2005 updates to 40 CFR Part 403, resulting in a change to the definition of SNC, including applicability and reporting criteria.

City of Phoenix
Expenditures and Program Updates
2023

CITY OF PHOENIX

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

January 1, 2023 – December 31, 2023 – Total Pretreatment Expenditures	$	4,454,532

PRETREATMENT PROGRAM EXPENDITURES

Personnel	$	2,701,021
Operations & Maintenance	$	320,724
Laboratory	$	1,341,290
Equipment	$	-
Vehicles	$	91,497

PRETREATMENT PROGRAM EQUIPMENT INVENTORY

Equipment Name	Purchased 2023	Total 2023
Photo Ionization Detector	0	2
Flow Meters	0	26
Auto Samplers	3	34
Turbidimeters	0	3
pH/DO/Conductivity Meters	0	6
Chlorine Colorimeters	0	3
Air Movers	4	4
Confined Space Harnesses	0	7
Air/Gas Detectors	9	9
Cameras	0	7
Night Vision Cameras	0	1
Pole Cameras/GoPro	0	2
CCTV Sewer Camera	0	2
Computer Monitors (CH13)(C)(L0)	31	58
Computers (C9)(Ch1)(L0)	1	9
Printers	0	3
Tablets (L6)(Ch8)(C5)	0	23

PRETREATMENT PROGRAM VEHICLE INVENTORY

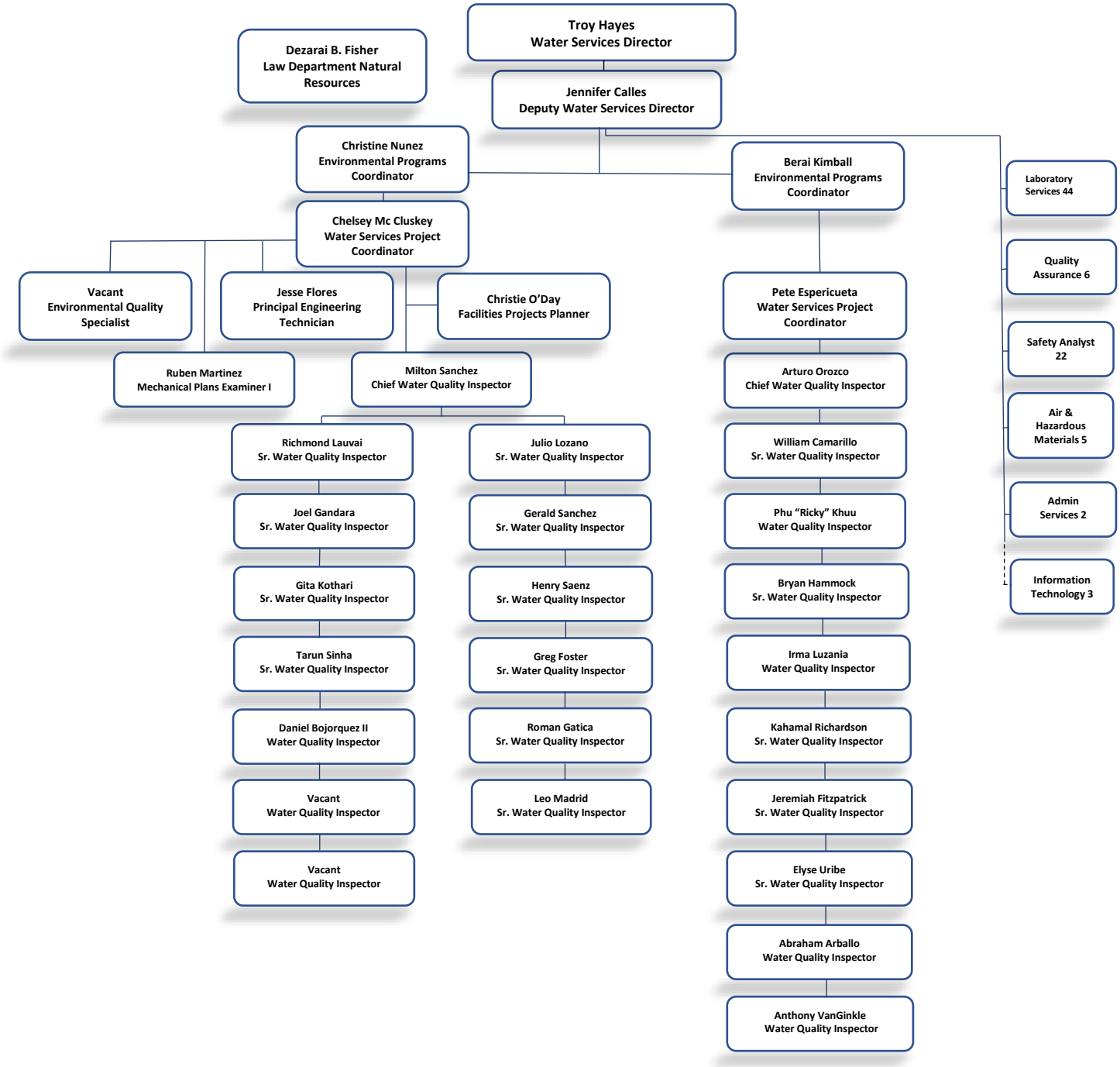
Equipment Name	Purchased 2023	Total 2023
Sampling Passenger Vans	0	1
Sampling Pickups	1	1
Inspector Pickups	1	7
Inspector SUVs	1	1
Inspector Sedans	0	1
Sampling Vans	0	5
Vehicle Pool Sedans	0	5 (Pool) [1]

[1] Vehicle pool sedans (which are may occasionally be used for inspections of industrial facilities) are shared by all staff located on the 23rd Avenue WWTP.

PRETREATMENT PROGRAM PERSONNEL		
Title	FTEs 2022	FTEs 2023
Deputy Water Services Director	1.0 [3]	1.0 [3]
Environmental Programs Coordinator	0.5 [3]	0.5 [3]
Water Services Project Coordinator	0.5	1.5
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
Water Services Projects Planner	0	1.0
Chief Water Quality Inspectors	3.0	2.0
Senior Water Quality Inspectors	15.0	16.0
Water Quality Inspectors	5.0	3.0
Inspector Vacancies	2.0	2.0
Information Technology Application Programmer III	0.25 [3]	0.25 [3]
Information Technology Application Programmer I	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 WATER SERVICES DEPARTMENT
ENVIRONMENTAL SERVICES DIVISION
POLLUTION PREVENTION & PERMITTING



Pretreatment Program Changes

The City of Phoenix Industrial Pretreatment Program (IPP) submitted a Cross-Media Electronic Reporting Rule (CROMERR) application in December 2021 to the EPA. On August 16, 2023, the City of Phoenix IPP received approval from the EPA confirming that the City of Phoenix GovOnline system is compliant with CROMERR. Furthermore, the City of Phoenix IPP notified ADEQ of the intent to use a Certified Off the Shelf solution on August 24, 2021 and received approval of the proposed modification on February 25, 2022. The City of Phoenix IPP intends to receive EPA-authorized program requirement submissions electronically from regulated facilities in lieu of paper submissions.

In addition, the Program is in the process of reorganizing its administrative structure and/or staffing which will require notification to ADEQ and EPA in 2024 of the planned modifications to the pretreatment program, whether substantial or non-substantial. The Commercial Inspections/FOG and Industrial Pretreatment Program sections will be incorporated into a new overhead Pretreatment Program structure to allow for additional support and oversight. In addition, several positions are in the process of being modified or added to reflect higher level skillsets, encompass additional duties or distribute workload appropriately.

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 the Industrial Pretreatment Program. An organizational chart is included in this report and appears on a page just after the Summary of Pretreatment Program Expenditures.

- ***Wastewater Monitoring Section***

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

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

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

- ***Commercial Inspections / FOG Section***

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

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

- Implementation of the Dental Rule (Dental Office Point Source Category – 40 CFR Part 441).

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

Commercial Inspections / FOG Section Metrics

Routine/Educational Inspections	1299
Construction Inspections	142
SSO Investigations - Residential Areas (includes apartments)	23
SSO Investigations - Commercial/Industrial Areas	15
Routine/Educational Stormwater Inspections	1299
Notices of Violation	7
Plans Reviewed for Pretreatment	742

- ***Industrial Pretreatment Program Section***

The Industrial Pretreatment Program 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
- Evaluation of permitted industrial user compliance and file management
- Records retention
- Enforcement of permitted industrial users
- Periodic recalculation of industrial user sewer rates based on flow and loading
- Periodic revision of sewer use ordinances, standard operating procedures (SOPs), Civil Penalty Policy, and Enforcement Response Plan
- Pollution Prevention (P2) outreach to industrial and residential users
- Publication of industrial user escalated enforcement actions to enable public participation
- Annual publication of Significantly Noncompliant industrial users
- Coordination and writing of the Annual Report on behalf of the SROG cities.

Pollution Prevention Program

Section F.4.e. of the National Pollutant Discharge Elimination System (NPDES) Permit № AZ0020524 and AZPDES Permit № AZ0020559 requires the City of Phoenix (City) to develop and implement, through its Industrial Pretreatment Program (Program), a Pollution Prevention (P2) Program for controllable sources of pollutants within the service area of the 23rd and 91st Avenue Wastewater Treatment Plants (WWTPs). In accordance with the City's "Implementation of Best Management Practices in the Service Area of the 23rd and 91st Avenue WWTPs Project Schedule", as revised on March 22, 1996, the City's efforts for the period January 1, 2023 through December 31, 2023 are summarized below.

- ***General Community Outreach / Education***

  IPP and/or Commercial Staff participated in the following Community Outreach Events:

Community Outreach Events			
Event	**Organizer**	**Dates**	**Attendees**
Doggie Street Festival	Jude Artenstein	January 28, 2023	General Public
Tres Rios Nature Festival	Tres Rios	2/25-26/2023	General Public
'Slope Fest	East Sunnyslope Neighborhood Association & Block Watch	4/1/2023	General Public
Maya's Farm Earth Day Event	Maya's Farm	4/22/2023	General Public
Green Living 2023 Arizona Earth Day Extravaganza and Expo	Green Living Magazine	4/22/2023	General Public
Monsoon Safety Week	City of Phoenix CIO	6/15/2023	General Public

- ***Industrial Pretreatment Compliance Academy***

The Industrial Pretreatment Section continues to deliver the Industrial Pretreatment Compliance Academy it developed in 1995 to support a P2 education/outreach program directed at industrial and commercial facilities located in Phoenix. The Compliance Academy classes include a PowerPoint presentation, a reference handbook, and a laboratory tour. The presentation and handbook include P2 information and demonstrates ideas to specific industry sectors including metal finishers, hospitals, industrial laundries, etc. During 2023 all courses were presented in a virtual or hybrid in-person and webinar format with a .pdf booklet; class information and participation is noted below:

Industrial Outreach Events: Industrial Pretreatment Compliance Academy			
Class Name	**Place & Date**	**Attendee Types**	**№ of Attendees**
Wastewater Discharge Permit	Hybrid January 25, 2023	▪ Industrial Permitted Users ▪ Pretreatment Staff from other Municipalities ▪ Staff from Arizona Department of Environmental Quality ▪ Pretreatment Consulting Staff	52
Wastewater Compliance Sampling	Hybrid March 29, 2023		38
Laboratory Analytical Issues	Hybrid May 24, 2023		46
Enforcement	Hybrid July 26, 2023		43
Pollution Prevention (P2)	Hybrid September 27, 2023		28
Stormwater Compliance Overview	Online – WebEx November 16, 2023		40

- ***Social Media Posts***

The Water Services Department published multiple social media posts in 2023 with messaging related to fats, oil and grease:

- Holiday meal cleanup best management practices – December 23, 2023, December 30, 2023 (Instagram)
- Holiday meal cleanup best management practices – December 23, 2023, December 29, 2023 (Facebook)
- Holiday meals and sanitary sewer overflows – November 16, 2023 (Facebook)
- Illegal dumping of oil, fuel, solvents – December 5, 2023 (Instagram)
- Fats oils and grease best management practices – January 1, 2023 (Facebook)

- ***Water Cooler (Employee Newsletter)***

The Industrial Pretreatment Section and Commercial Inspections / FOG Section regularly contribute articles to the Water Cooler employee newsletter throughout the year in order to provide information on a variety of P2 topics. Specific topics and months include:

- National Prescription Drug Take Back Day is April 22, 2023
- Automotive Fluid Management – June 2023
- Flushable Wipes – September 2023
- Holiday Fats, Oils and Grease – November 2023

- ***Environmental Services Division Newsletter***

The Water Services Department, Environmental Services Division, continued to issue a biannual newsletter in June and November 2023. The November 2023 newsletter included information on environmental programs, including Industrial Pretreatment, as well as fats, oils and grease messaging.

- ***Point Source Control***

- The Industrial Pretreatment Section actively identifies, by SIC code, categorical classification, industry practices, Safety Data Sheet review, plan review, and other existing data, 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. Industrial users that do not meet the definition of an SIU, but discharge high strength BOD/TSS wastewater, remediated groundwater, or pollutants of concern (conventional pollutants) are issued Class B Wastewater Discharge Permits.

- Class C Wastewater Discharge Permits continue to replace the Class B Zero Categorical Wastewater Discharge Permit. This permit type was issued beginning in 2021 to industrial users who meet the definition of a non-significant categorical industrial user (NSCIU). They include industrial users who perform manufacturing or service processes from one of the federal point

source categories but do not discharge wastewater generated from those processes. Through the end of 2023, the Industrial Pretreatment Section inspected 57 Class B Zero and/or C Permittees.

Training and Participation in Conferences and Workshops

- ***Individual Training:***

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

On Wednesday, March 8, 2023, staff attended and presented at the Arizona Environmental Health Association's Spring Conference, at the ASU Downtown Phoenix campus. Staff presented to an audience of environmental health professionals on the topic "Wastewater and a Semiconductor Plant in the Desert" involving wastewater treatment at the 91st Avenue WWTP, industrial source control, a semiconductor case study, and environmental health considerations.

On August 9-10, 2023, Pretreatment staff attended and presented at the 38th Annual Tri-State Seminar (TSS) in Las Vegas, Nevada. TSS offers affordable education to water and wastewater operators and beyond through partner organizations in Arizona, Nevada and California. Content includes regulatory/pretreatment, stormwater, wastewater, water, laboratory, safety, leadership, and more.

- ***Group Training:***

On Wednesday, April 5 through Thursday, April 6, 2023, staff from the Commercial Inspections/FOG and IPP sections participated in two half-day trainings involving Enforcement and Permitting topics, overview, case studies and calculations conducted by Brown & Caldwell.

On Tuesday, May 9-11, 2023, staff attended and presented at the AZ Water Association's 96th Annual Conference & Exhibition hosted in-person at the Phoenix Convention Center. The Conference & Exhibition offers a multiple day program designed to provide professional development, continuing education, and technology transfer to support the AZ Water Association's vision of "a vibrant Arizona through safe, reliable water". The event attracts several thousand attendees from throughout the state and nation. Staff learned about a variety of topics during the Conference & Exhibition including: case studies, regulatory updates, reuse, resource planning, drought, wastewater treatment, stormwater topics, conservation, energy, and more.

On Tuesday, October 17, through Thursday, October 19, 2023, Pretreatment staff attended pretreatment inspections customized training conducted by Brown & Caldwell consisting of a ½ day classroom-style inspections training covering fats, oils and grease (FOG) as well as industrial user inspections. Then B & C performed one full day and two ½ days of hands-on field inspections with Pretreatment staff including Commercial/FOG facilities (construction inspections, follow-ups), and then Industrial User annual inspections.

On Thursday, October 19, through Friday, October 20, 2023, staff attended the Women Leading Government Conference, located at the Mesa Convention Center. This conference educates, inspires and connects attendees to support their careers and professional development within local government and public service.

On November 15-16, 2023, Pretreatment staff volunteered at and attended the AZ Water Association Pretreatment/FOG Fall Workshop held at the Glendale Civic Center and hosted by the AZ Water Pretreatment Committee. This workshop informs, educates, and trains water and

wastewater professional technicians, regulatory inspectors, managers, policymakers, and others on the latest developments in wastewater pretreatment and FOG program management. Topics of discussion and education included starting a FOG program, FOG inspections, local limits, sample collection, industrial user inspections, safety during inspections, PFAS and emerging contaminants, regulatory updates and more.

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 2023. 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 Proceedings and to collect monetary penalties from industrial users which violated pretreatment requirements during the year. A summary of these enforcement activities which identify the permittees, the nature of the violations, published Pretreatment Settlement Agreements, and any monetary penalties associated with those actions follows on the next page.

- ***NEFAP Accreditation***

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