INDUSTRIAL WASTEWATER QUESTIONNAIRE

Note to Signing Official: In accordance with Title 40 of the Code of Federal Regulations Part 403 Section 403.14, information and data provided in this wastewater questionnaire which identifies the nature and frequency of discharge shall be available to the public without restriction. Requests for confidential treatment of other information shall be governed by procedures specified in 40 CFR Part 2. The completed and signed questionnaire is to be mailed within thirty (60) days of your receipt to:

City of Glendale
Pretreatment Program Manager
5901 N. Glen Harbor Blvd.
Glendale, AZ 85307
Telephone: 623-930-4779
pretreat@glendaleaz.com

FOR CITY USE ONLY

- ☐ Permit Not Required
- ☐ Class A SIU Permit ☐ Interim Permit
- ☐ Class B Permit:
  - ☐ Zero Discharge Categorical
  - ☐ Hi-strength
  - ☐ Categorical w/o Categorical Process Discharge
  - ☐ Groundwater Remediation
  - ☐ Pollution Prevention
  - ☐ Other _____

This questionnaire is for:
☐ Permit application ☐ Renewal ☐ BMR
Date Received: _____
Date Reviewed: _____ By:_____
Permit Issued _____

SECTION A. GENERAL INFORMATION

Please type or print:

1. BUSINESS INFORMATION

   Business Name:_____
   Mailing Address:_____
   Facility Name:_____
   Facility Address:_____
   Name and Title of Signing Official:_____
   Facility Contact:_____ Telephone No:_(____)_____

2. PROPERTY INFORMATION

   Property Owner:_____
   Mailing Address:_____ Telephone No:_(____)_____

SECTION B. PRODUCT OR SERVICE INFORMATION

1. List raw materials used: _____
_____
_____
_____

2. Brief description of manufacturing or service activity conducted. List processes and production rates.

_____

_____

_____

3. If known, indicate applicable Standard Industrial Classification (SIC) Codes(s) for all activities. (If more than one applies, list in descending order of importance.)

a._____ b._____ c._____ d._____ e._____ f._____

SECTION C. PLANT OPERATIONAL CHARACTERISTICS

1. SHIFT INFORMATION

Shift start times:_____ 1st;_____ 2nd;_____ 3rd.

Average number of employees per shift per day:

	Sun	Mon	Tue	Wed	Thur	Fri	Sat
1st	_____	_____	_____	_____	_____	_____	_____
2nd	_____	_____	_____	_____	_____	_____	_____
3rd	_____	_____	_____	_____	_____	_____	_____

2. Is production seasonal or intermittent? □ Yes or □ No
Do operation(s) shut down for vacation, maintenance or other reasons? □ Yes □ No

If Yes, describe monthly manufacturing, service activities, and shutdowns below.

Jan	Feb	Mar	Apr
May	June	July	Aug
Sept	Oct	Nov	Dec

3. Major manufacturing processes which generate wastewater or have the potential to generate wastewater:

	Wastewater Discharge Type				
Process(es) Description:	Batch	Continuous	Both	% Batch	% Continuous
_____	□	□	□	_____	_____
_____	□	□	□	_____	_____
_____	□	□	□	_____	_____

4. Are any process changes or expansions planned during the next three (3) years that would alter wastewater volumes or characteristics? Consider production and manufacturing processes, as well as air or water pollution processes. □ Yes □ No (If "No", skip item C-5).

5. Briefly describe these changes and their effects on the wastewater volume and characteristics: (Attach additional sheets if needed.)

_____
_____
_____
_____

6. Are any water reclamation or conservation systems, material recovery or recycling systems in use or planned? □ Yes □ No (If "No", skip item C-7).

7. Briefly describe conservation, recovery or recycling process(es); substance recovered or recycled; percent recovered, recycled or conserved; and the remaining concentration in the spent solution. Submit flow diagram for each process: (Attach additional sheets if needed.)

_____
_____
_____

8. Have any material substitutions, for the purpose of eliminating or reducing wastes, been implemented or planned? □ Yes □ No (If "No", skip item C-9).

9. Briefly describe the material substitution and the manufacturing process the substitution material is used in. Include the economic and environmental benefits (i.e., dollars saved, amount of waste eliminated, waste handling modifications, etc.) derived from this substitution. (Attach additional sheets if needed.)

_____
_____
_____
_____

SECTION D. WATER USAGE

1. Is water used in manufacturing? □ Yes □ No

2. Water source (check where appropriate):

	Metered	Unmetered
Public □	□	□
Private Well □	□	□

3. Water account numbers:

1)_____ 3)_____ 5)_____

2)_____ 4)_____ 6)_____

4. Describe in detail any raw water treatment processes in use and what manufacturing process this treated water is used for:

_____
_____
_____

5. List other sources of liquids entering the facility, their origin, and mode of entry:

Liquid Description	Origin	Mode of Entry

6. List liquid consumption in plant processes:

Cooling water	_____	gallons per day
Boiler feed	_____	gallons per day
Process water	_____	gallons per day
Sanitary systems	_____	gallons per day
Contained in product	_____	gallons per day
Other _____	_____	gallons per day
TOTAL	_____	gallons per day

SECTION E. WASTEWATER DISCHARGE

1. List average volume of discharge or water loss to:

City wastewater sanitary sewer	_____	gallons per day
City storm sewer	_____	gallons per day
Natural outlet (see glossary)	_____	gallons per day
Waste hauler	_____	gallons per day
Evaporation	_____	gallons per day
Contained in product	_____	gallons per day
Other _____	_____	gallons per day
TOTAL	_____	gallons per day

Is discharge to sewer: ☐ Intermittent ☐ Steady

2. Individual process flows in gallons per day (GPD)

DESCRIPTION OF PROCESS	AVERAGE FLOW (GPD)	MAXIMUM FLOW (GPD)	TYPE OF DISCHARGE (BATCH, CONTINUOUS, NONE)
Cooling water			
Sanitary water			

3. Provide on a separate sheet a schematic drawing showing the following: (1) all wastewater flows and types, both regulated and unregulated; (2) location of wastewater treatment system(s) and devices, including interceptors, traps (grease and other), and other(s); (3) sampling locations; (4) connection(s) to the sanitary sewer; (5) location of all floor drains; (6) location of chemical storage area(s); (7) location of berms and other spill control devices; and (8) location of waste holding area(s). Include construction drawing if available.

4. Are any of the following located on the property?

Storm sewers	□ Yes □ No	Dry wells	□ Yes □ No
Private wells	□ Yes □ No	Abandoned water wells	□ Yes □ No

If Yes to any of the above, please provide on a separate sheet a schematic indicating the location(s) of each in relationship to the building(s) and the process(es) conducted on the premises.

5. Does the manufacturing process(es) ever generate extra product(s) (ie., bad batches or product that cannot fit into distribution containers, etc.) □ Yes □ No If "Yes", describe process, product, and what is done with the extra product (ie., how disposed of, put back into product, etc.)

_____
_____
_____
_____

SECTION F. WASTEWATER TREATMENT

1. For all waste streams which are treated before discharge, describe the types of pretreatment used.

   _____
   _____
   _____

2. Does the facility have the following other treatment devices:

   ☐ Grease trap ☐ Grease interceptor ☐ Solids interceptor
   ☐ Hair trap ☐ Sand/oil interceptor ☐ Lint interceptor
   ☐ Silver recovery ☐ Acid neutralization ☐ Other (list)_____
   Identify the location of each checked treatment device on schematic provided for item E-3.

3. Is any form of pretreatment planned for this facility within the next three (3) years? ☐ Yes ☐ No If Yes, please describe type and process wastestream it will treat.

   _____
   _____
   _____

4. Is there a Spill Prevention Control and Countermeasure Plan (SPCC) in effect for this facility? ☐ Yes ☐ No (If "Yes", please attach)

5. Is there a Toxic Organics Management Plan in effect at this facility? ☐ Yes ☐ No (If "Yes", please attach)

SECTION G. DISCHARGE CHARACTERISTICS

1. Are any of the toxic pollutants listed below being used, stored, or discharged from this facility? If so, provide the information below and note whether the discharge is to the sanitary sewer, waste hauler, or other.

REGULATED TOXIC POLLUTANTS	AMOUNT ON SITE LBS/GALS	TOTAL AMOUNT DISCHARGED LB/DAY GALS/DAY	AMOUNT TO SANITARY SEWER	AMOUNT TO WASTE HAULER	AMOUNT TO OTHER (DESCRIBE)
1. Acenaphthene					
2. Acrolein					
3. Acrylonitrile					
4. Benzene					
5. Benzidine					
6. Carbon Tetrachloride (Tetrachloromethane)					
7. Chlorobenezene					
8. 1,2,4-Trichlorobenzene					
9. Hexachlorobenzene					
10. 1,2-Dichloroethane					
11. 1,1,1-Trichloroethane					
12. Hexachloroethane					
13. 1,1-Dichloroethane					
14. 1,1,2-Trichloroethane					
15. 1,1,2,2-Tetrachloroethane					
16. Chloroethane					
17. Bis(2-chloroethyl) ether					
18. 2-Chloroethyl vinyl ether (mixed)					
19. 2-Chloronaphtalene					
20. 2,4,6-Trichlorophenol					
21. Parachlorometa cresol					
22. Chloroform (Trichloromethane)					
23. 2-chlorophenol					
24. 1,2-dichlorobenzene					
25. 1,3-dichlorobenzene					
26. 1,4-dichlorobenzene					
27. 3,3-dichlorobenzidine					

REGULATED TOXIC POLLUTANTS	AMOUNT ON SITE LBS/GALS	TOTAL AMOUNT DISCHARGED LB/DAY GALS/DAY	AMOUNT TO SANITARY SEWER	AMOUNT TO WASTE HAULER	AMOUNT TO OTHER (DESCRIBE)
28. 1,1-dichloroethylene					
29. 1,2-trans-dichloro-ethylene					
30. 2,4-dichlorophenol					
31. 1,2-dichloropropene (1,3-dichloropropene)					
32. 2,4-dimethylphenol					
33. 2,4-dinitrotoluene					
34. 2,6-dinitrotoluene					
35. 1,2-diphenylhydrazine					
36. Ethylbenzene					
37. Fluoranthene					
38. 4-chlorophenyl phenyl ether					
39. 4-bromophenyl phenyl ether					
40. Bis (2-chloroisopropyl) ether					
41. Bis (2-chloroethoxy) methane					
42. Methylene chloride (dichloromethane)					
43. Methyl chloride (dichloromethane)					
44. Methyl bromide (bromomethane)					
45. Bromoform (Tribromomethane)					
46. Dichlorobromomethane					
47. Chlorodibromomethane					
48. Hexachlorobutadiene					
49. Hexachlorocyclopentadiene					
50. Isophorone					
51. Naphthalene					
52. Nitrobenzene					
53. 2-nitrophenol					
54. 4-nitrophenol					
55. 2,4-dinitrophenol					
56. 4,6-dinitro-o-cresol					
57. N-nitrosodimethylamine					

REGULATED TOXIC POLLUTANTS	AMOUNT ON SITE LBS/GALS	TOTAL AMOUNT DISCHARGED LB/DAY GALS/DAY	AMOUNT TO SANITARY SEWER	AMOUNT TO WASTE HAULER	AMOUNT TO OTHER (DESCRIBE)
58. N-nitrosodiphenylamine					
59. Pentachlorophenol					
60. Phenol					
61. Bis (2-ethylhexyl) phthalate					
62. Butyl benzyl phthalate					
63. Di-N-butyl Phthalate					
64. Di-N-octyl Phthalate					
65. Diethyl Phthalate					
66. Dimethyl Phthalate					
67. 1,2-benzanthracene (Benzo(a)anthracene)					
68. Benzo(a)pyrene (3,4-benzo-pyrene)					
69. 3,4-benzofluoranthene (benzo(b)fluoranthene)					
70. 11,12-benzofluoranthene (benzo(b)fluoranthene)					
71. Chrysene					
72. Acenaphthylene					
73. Anthracene					
74. 1,12-benzoperylene (benzo(ghi)perylene)					
75. Fluorene					
76. Phenanthrene					
77. 1,2,5,6-dibenzanthracene (dibenzo(h)anthracene)					
78. Indeno(1,2,3-cd)pyrene (2-3-o-phenylene pyrene)					
79. Pyrene					
80. Tetrachloroethylene					
81. Toluene					
82. Trichloroethylene					
83. Vinyl Chloride (chloroethylene)					
84. Aldrin					
85. Dieldrin					
86. Chlordane (technical mixture & metabolites)					
87. 4,4-DDT					

REGULATED TOXIC POLLUTANTS	AMOUNT ON SITE LBS/GALS	TOTAL AMOUNT DISCHARGED LB/DAY GALS/DAY	AMOUNT TO SANITARY SEWER	AMOUNT TO WASTE HAULER	AMOUNT TO OTHER (DESCRIBE)
88. 4,4-DDE (p,p-DDX)					
89. 4,4-DDD (p,p-TDE)					
90. Alpha-endosulfan					
91. Beta-endosulfan					
92. Endosulfan sulfate					
93. Endrin					
94. Endrin Aldehyde					
95. Heptachlor					
96. Heptachlor epoxide (BHC-hexachlorocyclohexane)					
97. Alpha-BHC					
98. Beta-BHC					
99. Gamma-BHC (Lindane)					
100. Delta-BHC (Delta-Hexachlorocyclohexane)					
101. PCB-1242 (Arochlor 1242)					
102. PCB-1254 (Arochlor 1254)					
103. PCB-1221 (Arochlor 1221)					
104. PCB-1232 (Arochlor 1232)					
105. PCB-1248 (Arochlor 1248)					
106. PCB-1260 (Arochlor 1260)					
107. PCB-1016 (Arochlor 1016)					
108. Toxaphene					
109. Antimony (Total)					
110. Arsenic (Total) and Arsenic Compounds (list)					
111. Asbestos (Fibrous)					
112. Barium					

REGULATED TOXIC POLLUTANTS	AMOUNT ON SITE LBS/GALS	TOTAL AMOUNT DISCHARGED LB/DAY GALS/DAY	AMOUNT TO SANITARY SEWER	AMOUNT TO WASTE HAULER	AMOUNT TO OTHER (DESCRIBE)
113. Beryllium (Total) and Beryllium Compounds (list)					
114. Cadmium (Total) and Cadmium Compounds (list)					
115. Chromium (Total) and Chromium Compounds (list)					
116. Copper (Total) and Copper Compounds (list)					
117. Cyanide (Total) and Cyanide Compounds (list)					
118. Lead (Total) and Lead Compounds (list)					
119. Mercury (Total) and Mercury Compounds (list)					

REGULATED TOXIC POLLUTANTS	AMOUNT ON SITE LBS/GALS	TOTAL AMOUNT DISCHARGED LB/DAY GALS/DAY	AMOUNT TO SANITARY SEWER	AMOUNT TO WASTE HAULER	AMOUNT TO OTHER (DESCRIBE)
120. Molybdenum (Total) and Molybdenum Compounds (list)					
121. Nickel (Total) and Nickel Compounds (list)					
122. Selenium (Total) and Selenium Compounds (list)					
123. Silver (Total) and Silver Compounds (list)					
124. Thallium (Total) and Thallium Compounds (list)					
125. Zinc (Total) and Zinc Compounds (list)					
126. 2,3,7,8-Tetrachloro-dibenzo-p-dioxin (TCDD)					
127. Sulfides					

2. Are any waste liquids or sludges generated and <u>not</u> disposed of in the sanitary sewer system? □ Yes □ No
If "No", skip the remainder of Section G. If "Yes", complete the following, noting which wastes are removed from the facility (how and where), placed with trash for disposal (method), and on-site disposal (how and where).

Wastes	Estimated Quantity Per Year (indicate units)	How and where waste was disposed?
□ Waste solvent		
□ Oil/Grease		
□ Pretreatment sludge		
□ Inks/Dyes		
□ Thinner		
□ Paints		
□ Acids and Alkalies		
□ Left over or extra product		
□ Pesticides		
□ Other (specify):		

3. If an outside firm removes any of the above checked wastes, state the names(s) and address(es) of all waste haulers:

1. _____
_____
_____zip code_____

Permit Number (if applicable):_____

2. _____
_____
_____zip code_____

Permit Number (if applicable):_____

4. Do any of your wastes require Resource Conservation and Recovery Act permits? □ Yes □ No
If "Yes", please specify: _____
_____
_____

SECTION H. ENVIRONMENTAL CONTROL PERMITS

List all environmental control permits held by or for the facility.

DESCRIPTIVE TITLE OF PERMIT	PERMIT NUMBER	ISSUING AGENCY	EXPIRATION DATE
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

SECTION I. LOCAL AND FEDERAL CATEGORICAL LIMITS

1. Is the facility meeting applicable federal categorical pretreatment and local discharge standards 99 percent of the time? □ Yes □ No If "Yes" go to item I-2. If "No", does facility require:

   Additional operation and maintenance (O&M) to achieve compliance? □ Yes □ No If "Yes", describe
   _____
   _____

   New or additional pretreatment facilities to achieve compliance? □ Yes □ No If "Yes", describe
   _____
   _____

2. If "Yes" to Item I-1 above, provide rationale (i.e., description of method in place used to achieve and maintain compliance;include sample results (attach) _____
   _____
   _____

3. Is this an application for a permit renewal? □ Yes □ No If "Yes", please answer the following question: Within the last year, has your business made any changes in its operation that have increased or will increase the concentration, volume, or other characteristics of your discharge into the City sanitary sewer?
   □Yes □ No
   If "Yes", describe. _____
   _____
   _____

SECTION J. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Official: _____
Title: _____
Signature: _____ **Date:**_____

Glossary of Terms

Batch - The quantity produced as a result of an operation.

Categorical Standards - (National/Federal Categorical Pretreatment Standards) - Those standards promulgated by the U.S. Environmental Protection Agency (EPA) under the authority of Section 307(b) and (c) of the Clean Water Act (33 U.S.C. 1317) which apply to a specific category or industrial user and which are published in 40 CFR Chapter I, subchapter N (Parts 405-471).

Continuous - extended or prolonged production without interruption or cessation.

Cooling water - The clean wastewater discharged from any heat transfer system such as condensation, air conditioning, cooling or refrigeration.

Industrial User - A source of industrial discharge.

Discharge - The disposal of any sewage, pollutant(s), water or any liquid from any sewer user into the sewerage system.

Drywell - Also referred to as a shallow drainage well, is any shallow hole dug or bored in the ground to allow surface storm water runoff, excess irrigation flow, or other drainage to percolate into the ground. It is typically constructed as a 10 to 20 feet deep boring of 2 to 4 feet diameter filled with cobbles and rocks and lined with a perforated corrugated metal pipe. They may be found in parking lots or other areas where drainage of storm water is required.

Natural outlet - Any outlet into a water course, ditch, or other body of surface or ground water.

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

(a) Reducing the amount or concentration of any pollutant; or
(b) Eliminating the discharge or any pollutant; or
(c) Altering the nature of any pollutant characteristic to a less harmful state.

Process Wastewater - Any water which, during manufacturing or processing, comes into direct contact with or results from the production of or use of any raw material, intermediate product, finished product, byproduct, or waste product.

Regulated Wastestream - An industrial process wastestream regulated by a national categorical pretreatment standard.

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

Spill Prevention Control and Countermeasure Plan - A plan prepared by an industrial user to minimize the likelihood of a spill and to expedite control and cleanup activities should a spill occur.

Storm sewer or storm drain - A sewer which carries storm and surface waters and drainage, but excludes sewage and polluted industrial wastes.

Toxic Organic Management Plan - Written plan submitted by industrial users in accordance with some categorical pretreatment standards as an alternative to TTO monitoring which specifies the toxic organic compounds used, the method of disposal used, and procedures for assuring that toxic organics do not routinely spill or leak into wastewater discharged to the POTW.

Unregulated Wastestream - A wastestream that is not regulated by a national categorical pretreatment standard and is not considered a dilute wastestream.

Wastewater - Any liquid or water-carried pollutant, including an industrial discharge, which is introduced into the sewer from any source.