

**CITY OF SUNNYVALE WATER POLLUTION  
CONTROL PLANT WASTEWATER DISCHARGE PERMIT APPLICATION**

*A Wastewater Discharge Permit Application (WDPA) must be completed to assist in determining or verifying that a facility is a Significant Industrial User (SIU) or another type of wastewater generator. For new facilities no industrial discharge can occur until this determination is made and a Wastewater Discharge Permit ("Permit") is issued, which may take up to 60 days after the WDPA is submitted. Facilities currently discharging and being regulated with a Permit are responsible for obtaining and submitting a new WDPA for a Permit renewal at least sixty days prior to expiration of the existing Permit.*

*Ensure that all information is legible and complete. All parts of the WDPA **must** be answered or marked "not applicable." **Incomplete WDPAs will be returned unprocessed.***

**PART A - BUSINESS IDENTIFICATION**

A1. Business name: \_\_\_\_\_

A2. Street address of facility discharging wastewater:  
\_\_\_\_\_

A3. Contacts:

(a) Executive officer responsible for this facility (Must be at least vice president, general partner, proprietor or authorized representative as defined by Sunnyvale Municipal Code 12.04.030(1)):

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

Fax: \_\_\_\_\_

(b) Principal contact person (Person to whom correspondence/calls will be directed):

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Telephone(s): office: \_\_\_\_\_ Cell: \_\_\_\_\_

Email: \_\_\_\_\_

Fax: \_\_\_\_\_

(c) On-site contact (If different from the principal contact person):

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Telephone(s): office: \_\_\_\_\_ Cell: \_\_\_\_\_

Email: \_\_\_\_\_

Fax: \_\_\_\_\_

(d) Alternate on-site contact:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Telephone(s): office: \_\_\_\_\_ Cell: \_\_\_\_\_

Email: \_\_\_\_\_

Fax: \_\_\_\_\_

(e) Person to be contacted in case of emergency:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Mailing address: \_\_\_\_\_

Telephone(s): office: \_\_\_\_\_ Cell: \_\_\_\_\_

Email: \_\_\_\_\_

Fax: \_\_\_\_\_

A4. Building Owner Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Fax: \_\_\_\_\_

A5. Certification (**must be signed by person listed in A3.(a) above**) Read carefully:

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 (print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**PART B - GENERAL FACILITY DESCRIPTION**

B1. Purpose – The General Facility Description is used to determine what substances may enter into the wastewater discharge from the business activity.

(a) Principal Business Activity – Complete a separate Part B for each major business activity occurring on the premises.

Activity: \_\_\_\_\_

SIC 

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NIACS 

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List types of products or services:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Average production rate:

Number of completed components: \_\_\_\_\_ / per particular time frame \_\_\_\_\_

Website providing activity/product(s)/service(s) information at this facility:

\_\_\_\_\_

(b) Description – Describe process wastewater generating activities. Process wastewater means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, by-product, or waste product. This may include, but not limited to, manufacturing wastewater of semiconductors, printed circuit boards, plating operations, chemical mixing or formulating, pharmaceutical, metal finishing, photo processing, equipment cleaning or rinsing, scrubbers, contact cooling water, laboratory, steam cleaning, wet paint booths, etc. (use additional sheets if necessary)

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_
5. \_\_\_\_\_  
\_\_\_\_\_
6. \_\_\_\_\_  
\_\_\_\_\_
7. \_\_\_\_\_  
\_\_\_\_\_
8. \_\_\_\_\_  
\_\_\_\_\_
9. \_\_\_\_\_  
\_\_\_\_\_
10. \_\_\_\_\_  
\_\_\_\_\_

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(c) List other activities that use or generate water that are considered “non-process”. Non-process water use and wastewater generating activities are not directly associated with the manufacturing of a product and may include sanitary, irrigation, DI backwash, RO reject, boilers, cooling towers, non-contact cooling water, or other uses or activities.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

(d) Substances proposed to be discharged – Give common and technical names of any materials or product proposed to be discharged to the sanitary sewer. Briefly describe the physical and chemical properties of each material and product.

Name(s)	Description

(e) Other liquid wastes – List the type and volume of liquid waste removed from the premises by means other than sanitary sewer, and its final disposition (reclaimed, recycled, trash, hazardous disposal)

Description	Volume (gal / mo)	Removed By	Disposition

(f) Are research and development or any other similar non-manufacturing activities that generate or create wastewater, such as prototype development, testing, failure analysis, etc., occurring at this facility? \_\_\_\_ Yes \_\_\_\_ No  
If yes, describe:

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(g) Are component manufacturing, assembly, or packaging activities occurring at this facility? \_\_\_\_ Yes \_\_\_\_ No  
If yes, describe:

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B2. Discharge times:

(a) Facility hours - Weekdays: Day: \_\_\_\_\_ Swing: \_\_\_\_\_ Grave: \_\_\_\_\_

(b) Facility hours - Weekends: Day: \_\_\_\_\_ Swing: \_\_\_\_\_ Grave: \_\_\_\_\_

(c) Wastewater discharge occurs daily from \_\_\_\_\_ to \_\_\_\_\_

(d) Wastewater discharge is:  continuous  intermittent

(e) Days of operation (circle): M T W Th F S Su

(f) Variation of operation – Is business activity continuous or seasonal? \_\_\_\_\_

(g) Circle the months of the year when discharges occur: **J F M A M J J A S O N D**

B3. Number of Employees at Facility:

Day: \_\_\_\_\_ Swing: \_\_\_\_\_ Grave: \_\_\_\_\_ Total: \_\_\_\_\_

**PART C FACILITY PROCESSES AND WATER USE**

- C1. Purpose – The “Water Use and Disposition” information will enable the City to assess the volumes and sources of wastewater discharged to the sanitary sewer, and how the flow rates were determined. Table C documents water used and wastewater discharged based on daily averages. An example of a completed table is provided for guidance.
- C2. Instructions for completing Table C are below. Table C is divided into three sections.
- Section A lists all areas where water is used, including both process and non-process daily average use rates, as well as water source information.
  - Section B documents where that water is discharged to or disposed of.
  - Section C documents the type of measurements used to determine quantities listed in sections A and B.
- (a) Section A - In order to accurately complete Table C, you must determine the total average daily usage of water supplied to your facility. Water use is typically determined by applying the amounts supplied from City water account billings. Water account types are identified in the Water Service portion of the City utility bill as Domestic, Landscape or Fire Line. The Water Account Information Table below is to determine water use information from City supplied water accounts. Numbers 1 – 3 below describe how to complete the Water Account Information Table, prior to completing Table C.
1. List the water account numbers for every account type servicing the address on Part A2. of this Application:  

**Note:** If you have separate fire line or landscape water accounts, do not include them in the Water Account Information Table or Table C. If irrigation is included in your water service account and not separated with an individual meter, estimate the gallons per day used and enter into Table C as “irrigation”, under the non-process heading.
  2. Determine the average daily usage in gallons per day for each account. The average daily usage of water supplied is determined by the total volume consumed, divided by the number of calendar days. Multiply the answer by 748 to convert from CCF to gallons per day. A minimum time frame of one year should be used if available. You may request this data from the Pretreatment Program.
  3. Add the Total Average GPD from all accounts. Enter this number in Table C, Section A – “TOTALS” - “City Supply” column in the bottom left of the table.

**Water Account Information Table**

Water account number – city supply	Account type (do not list landscape or fireline)	Total volume consumed (CCF)	Number of days measured	Average daily use in CCF	<b>Average daily usage in GPD</b>
<b>Total Average GPD</b>					

4. In Table C – Section A, “Water Used For” column – List all activities or processes where water is used.  
**Note:** All process activities as identified in Section B1(b) of this application should be included in the “Process” column, and the corresponding hours and days of operation.  
**Note:** All non-process activities identified in Section B1(c) of this application should be listed in the “Non-process” column.

5. In Table C – Section A, “Water Supplied by: GPD for each use” column - Indicate the average gallons per day for each use listed.  
**Note:** A reasonable estimate of water for sanitary use is 15 – 30 gallons per employee per day. The corresponding entry in Section B would be under “Direct to Sanitary”.  
**Note:** Most facilities will be limited to the “City Supply” column as the source of water. If there are any other sources of water such as a well, recycled wastewater, bottled water, or other source, then total the gallons per day supplied from those sources in Table C – Section A in the “Well” or “Other” columns as appropriate.

(b) Section B shows where the wastewater was discharged or directed to. Section B includes the following options:

1. Direct to sanitary sewer
2. Pretreat and then to sanitary sewer - On site pretreated process wastewater discharged to the sanitary sewer
3. Other - Use the code letters listed at the bottom of the table to describe the means of disposal other than to the sanitary sewer. Put the corresponding code in the column marked “\*”. “Other” options include storm drain, waste hauler, evaporation, used in product, reclaimed water, landscape, or other.

**Note:** A properly completed table must have the sum of all entries in Section A equal the sum of all entries in Section B. Therefore, the sum of all “TOTALS” at the bottom of the table from Section A must equal the sum of all totals from Section B.

(c) Section C shows how the entries in Section A and B were determined. Some processes may have private sub-meters that can be used to determine the amount of water dedicated to any given process. When these are used to determine usage or discharge, it should be indicated in Section C of Table C. All rows containing data must show entries in Section C. Checks in the “Direct” column are for flows determined by totalizers, flow meters, or other measuring devices. “Indirect” is checked when the use is calculated or estimated. The last column describes how the determination was made. If estimates or calculations are used to determine the rates, the calculation or estimate methodology must be provided.

**EXAMPLE Table C. Water Use and Disposition Average Daily Quantities**

Section A: Water Used for:			Water Supplied by: GPD for each use			Section B – GPD of Wastewater Discharged to:				Section C - Measurement		
<b>Non Process:</b> List non-process uses such as sanitary, landscape (if not separately metered), DI and RO backwash or reject, boilers, cooling towers, non-contact cooling water, food preparation, or other uses.			Citysupply	Well	Other:	Direct to sanitary sewer	Pretreat and then to sanitary sewer	Other	*	Direct	In-direct	Measurements determined by:
1. Sanitary			750			750					x	calculation
2. Non-contact cooling water			100			100				x		meter
3. Reverse Osmosis Reject			500			500				x		meter
4. Cooling towers			500	500		600		400	c	x		meter
5. In product use			500					500	d		x	production records
6.												
7.												
<u>Process</u>	hrs/ day	days/ week										
1. Etching	8	5	100				100				x	manufacturing specifications
2. Scrubber	24	7	1000				800	200	c	x		meter
3. Nickel plating	6	5	200				150	50	b		x	manufacturing specifications
4. Developing	8	5	200				200				x	manufacturing specifications
5.												
6.												
7.												
8.												
<b>TOTALS:</b>			3850	500		1950	1250	1150		Notes: 30 employees, facility has a separate landscape meter / account.		
			<b>Total supplied</b>		<b>4350</b>	<b>Total water discharged or otherwise disposed</b>			<b>4350</b>			

\*Other discharges - use appropriate code: (a) storm drain/channel; (b) waste hauler; (c) evaporation; (d) used in product; (e) reclaimed water; (f) landscape; (g) other (describe):

Section A: Water Used for:			Water Supplied by: GPD for each use			Section B – GPD of Wastewater Discharged to:				Section C - Measurement		
<b>Non Process:</b> List non-process uses such as sanitary, landscape (if not separately metered), DI and RO backwash or reject, boilers, cooling towers, non-contact cooling water, food preparation, or other uses.			City supply	Well	Other: _____	Direct to sanitary sewer	Pretreat and then to sanitary sewer	Other	*	Direct	In-direct	Measurements determined by:
1. Sanitary												
2.												
3.												
4.												
5.												
6.												
7.												
<b>Process</b>	hrs/ day	days/ week										
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
<b>TOTALS:</b>										Notes:		
			<b>Total supplied</b>			<b>Total water discharged or otherwise disposed</b>						

\*Other discharges - use appropriate code: (a) storm drain/channel; (b) waste hauler; (c) evaporation; (d) used in product; (e) reclaimed water; (f) landscape; (g) other (describe):



## **PART D - BUILDING AND PLUMBING LAYOUT**

The Building and Plumbing Layout shows the wastewater generating operations which contribute to each building sewer. This layout will also enable the City and the applicant to select suitable sampling locations for determining and verifying wastewater strength. An arrow showing north as well as the map scale must be shown.

Building Layout – Draw to scale the location of each building on the premises. **Attach as many pages as necessary.** Show the location of the following facility features:

- 1) Industrial process areas - show location of all wastewater generating activities listed in Section A of Table C.
- 2) Building sewer lines - clearly identify all sanitary and wastewater drainage plumbing (number each line leaving the building).
- 3) Pretreatment system(s)
- 4) Chemical storage areas
- 5) Industrial wastewater sampling location - Sanitary and / or combined industrial/sanitary sampling location(s)
- 6) Meter location(s) – identify location of all meters, including process supply, discharge, and water meters.
- 7) Storm drains

Drawings or plans must be neat, legible, clearly labeled, and dated. If any required features are not included, provide an explanation.

**PART E – SCHEMATIC FLOW DIAGRAM(S)**

The Schematic Flow Diagram shows the flow pattern of products through the facility and the various sources of water and wastewater generated. This information will enable the City to assess the quality, volume and peak flows of the discharge.

A line drawing of each process described in Section B1(b) and(c) or in Table C is to be completed in the space below, or attached separately. For each activity in which wastewater is generated, create a diagram of the water flow(s) from initial use to final discharge to the sanitary sewer, either direct or through pretreatment, or hauled off site. Label the discharge flow rates from each process in average gallons per day, which should correspond to the values listed in Table C.

SEE EXAMPLE ON NEXT PAGE

**PART F - PRETREATMENT AND WASTE MINIMIZATION PROCEDURES**

**Note: A separate part F should be used to describe each individual pretreatment system in use.**

F1. Physical/chemical wastewater pretreatment (check all that apply):

- none
- cyanide destruction
- plate out
- flocculation
- chromium reduction
- settling/clarification
- precipitation
- air flotation
- automatic treatment system
- ion exchange
- filtration-sand/diatomaceous
- manual treatment
- pH adjustment
- filtration-membrane
- system double contained
- silver recovery
- filter press
- filtration (specify): \_\_\_\_\_

hydrodynamic grease interceptor (grease trap) - size: \_\_\_\_\_

maintenance frequency: \_\_\_\_\_

gravity grease interceptor - size: \_\_\_\_\_ maintenance frequency: \_\_\_\_\_

oil / water separator - size: \_\_\_\_\_ maintenance frequency: \_\_\_\_\_

chemical(s) used for pretreatment (list): \_\_\_\_\_

other pretreatment methods (list): \_\_\_\_\_

F2. Wastewater pH adjustment (complete if you use pH control):

audible high pH alarm       visual high pH alarm       alarm set points \_\_\_\_\_

audible low pH alarm       visual low pH alarm       automatic alarm reset

final pH chart recorder - circle chart range:    pH 2-12      pH 0-14      pH 0-10

circle chart speed:    1 inch/hour      other (specify): \_\_\_\_\_

manual pH record log

electronic pH monitoring (data retrievable)

F3. Pretreatment Facility Description:

(a) Sketch or provide a diagram of the layout of the pretreatment systems(s) noted in Part F showing: tanks (indicate size), chemical feed points, mixers, sampling structure location, metering devices, direction of flow, and discharge to sanitary sewer location.

(b) System manufacturer or design engineer: \_\_\_\_\_

(c) Design flow: \_\_\_\_\_

(d) Actual flow: \_\_\_\_\_

## PART G - WASTEWATER CHEMICAL CHARACTERISTICS

Indicate whether any of the following constituents, characteristics, or substances can be present (x) at this facility. Refer to your Hazardous Materials Inventory Statement or MSDSs to determine if trade name materials contain the substances listed below.

Check **Column A** if it comes into contact with water and may be present in the wastewater.

Check **Column B** if it is present on site but in a location or process where no entry to the wastewater should occur.

**Attach a copy of the Hazardous Materials Inventory Statement from your Hazardous Materials Business Plan**

### G1. Volatiles

A	B		
<input type="checkbox"/>	<input type="checkbox"/>	Acrolein	
<input type="checkbox"/>	<input type="checkbox"/>	Acrylonitrile	
<input type="checkbox"/>	<input type="checkbox"/>	Benzene	
<input type="checkbox"/>	<input type="checkbox"/>	Carbon tetrachloride	(Tetrachloromethane)
<input type="checkbox"/>	<input type="checkbox"/>	Chlorobenzene	
<input type="checkbox"/>	<input type="checkbox"/>	1,2-dichloroethane	
<input type="checkbox"/>	<input type="checkbox"/>	1,1,1-trichloroethane (TCA)	
<input type="checkbox"/>	<input type="checkbox"/>	1,1-dichloroethane	
<input type="checkbox"/>	<input type="checkbox"/>	1,1,2-trichloroethane	
<input type="checkbox"/>	<input type="checkbox"/>	1,1,2,2-tetrachloroethane	
<input type="checkbox"/>	<input type="checkbox"/>	Chloroethane	
<input type="checkbox"/>	<input type="checkbox"/>	2-chloroethyl vinyl ether (mixed)	
<input type="checkbox"/>	<input type="checkbox"/>	Chloroform	(Trichloromethane)
<input type="checkbox"/>	<input type="checkbox"/>	1,2-dichlorobenzene	
<input type="checkbox"/>	<input type="checkbox"/>	1,3-dichlorobenzene	
<input type="checkbox"/>	<input type="checkbox"/>	1,4-dichlorobenzene	
<input type="checkbox"/>	<input type="checkbox"/>	1,1-dichloroethylene	
<input type="checkbox"/>	<input type="checkbox"/>	1,2-trans-dichloroethylene	
<input type="checkbox"/>	<input type="checkbox"/>	1,2-dichloropropane	
<input type="checkbox"/>	<input type="checkbox"/>	1,3-dichloropropylene	(1,3-dichloropropene)
<input type="checkbox"/>	<input type="checkbox"/>	Ethylbenzene	
<input type="checkbox"/>	<input type="checkbox"/>	Methylene chloride	(Dichloromethane)
<input type="checkbox"/>	<input type="checkbox"/>	Methyl chloride	(Chloromethane)
<input type="checkbox"/>	<input type="checkbox"/>	Methyl bromide	(Bromomethane)
<input type="checkbox"/>	<input type="checkbox"/>	Bromoform	(Tribromomethane)
<input type="checkbox"/>	<input type="checkbox"/>	Dichlorobromomethane	
<input type="checkbox"/>	<input type="checkbox"/>	Chlorodibromomethane	
<input type="checkbox"/>	<input type="checkbox"/>	Tetrachloroethylene (PCE)	
<input type="checkbox"/>	<input type="checkbox"/>	Toluene	
<input type="checkbox"/>	<input type="checkbox"/>	Trichloroethylene (TCE)	
<input type="checkbox"/>	<input type="checkbox"/>	Vinyl chloride	(Chloroethylene)

**PART G continued** - Check **Column A** if it comes into contact with water and may be present in the wastewater. Check **Column B** if it is present on site but in a location or process where no entry to the wastewater should occur.

G2. Semi-Volatiles

A	B	
<input type="checkbox"/>	<input type="checkbox"/>	Acenaphthene
<input type="checkbox"/>	<input type="checkbox"/>	Acenaphthylene
<input type="checkbox"/>	<input type="checkbox"/>	Anthracene
<input type="checkbox"/>	<input type="checkbox"/>	Benzidine
<input type="checkbox"/>	<input type="checkbox"/>	Benzo(a)anthracene (1,2-benzanthracene)
<input type="checkbox"/>	<input type="checkbox"/>	Benzo(a)pyrene (3,4-benzopyrene)
<input type="checkbox"/>	<input type="checkbox"/>	Benzo(k)fluoranthene (11,12-benzofluoranthene)
<input type="checkbox"/>	<input type="checkbox"/>	Benzo(ghi)perylene (1,12-benzoperylene)
<input type="checkbox"/>	<input type="checkbox"/>	3,4-benzofluoranthene (benzo (b) fluoranthene)
<input type="checkbox"/>	<input type="checkbox"/>	Bis (2-chloroethyl) ether
<input type="checkbox"/>	<input type="checkbox"/>	Bis (2-chlorisopropyl) ether
<input type="checkbox"/>	<input type="checkbox"/>	Bis (2-chloroethoxy) methane
<input type="checkbox"/>	<input type="checkbox"/>	Bis (2-ethylhexyl) phthalate
<input type="checkbox"/>	<input type="checkbox"/>	Butyl benzyl phthalate
<input type="checkbox"/>	<input type="checkbox"/>	2-chloronaphthalene
<input type="checkbox"/>	<input type="checkbox"/>	2-chlorophenol
<input type="checkbox"/>	<input type="checkbox"/>	4-chlorophenyl phenyl ether
<input type="checkbox"/>	<input type="checkbox"/>	Chrysene
<input type="checkbox"/>	<input type="checkbox"/>	Dibenzo(a,h)anthracene (1,2,5,6-dibenzathracene)
<input type="checkbox"/>	<input type="checkbox"/>	3,3-dichlorobenzidine
<input type="checkbox"/>	<input type="checkbox"/>	2,4-dichlorophenol
<input type="checkbox"/>	<input type="checkbox"/>	Diethyl phthalate
<input type="checkbox"/>	<input type="checkbox"/>	2,4-dimethylphenol
<input type="checkbox"/>	<input type="checkbox"/>	Dimethyl phthalate
<input type="checkbox"/>	<input type="checkbox"/>	Di-n-octyl phthalate
<input type="checkbox"/>	<input type="checkbox"/>	Di-n-butyl phthalate
<input type="checkbox"/>	<input type="checkbox"/>	2,4-dinitrophenol
<input type="checkbox"/>	<input type="checkbox"/>	2,6-dinitrotoluene
<input type="checkbox"/>	<input type="checkbox"/>	4,6-dinitro-o-cresol (2-methyl-4,6-dinitrophenol)
<input type="checkbox"/>	<input type="checkbox"/>	1,2-diphenylhydrazine
<input type="checkbox"/>	<input type="checkbox"/>	2,4-dinitrotoluene
<input type="checkbox"/>	<input type="checkbox"/>	Fluoranthene
<input type="checkbox"/>	<input type="checkbox"/>	Fluorene
<input type="checkbox"/>	<input type="checkbox"/>	Hexachlorobenzene
<input type="checkbox"/>	<input type="checkbox"/>	Hexachloroethane
<input type="checkbox"/>	<input type="checkbox"/>	Hexachlorobutadiene
<input type="checkbox"/>	<input type="checkbox"/>	Hexachlorocyclopentadiene
<input type="checkbox"/>	<input type="checkbox"/>	Indeno(1,2,3-cd)pyrene (2,3-o-phenylene pyrene)
<input type="checkbox"/>	<input type="checkbox"/>	Isophorone
<input type="checkbox"/>	<input type="checkbox"/>	Naphthalene
<input type="checkbox"/>	<input type="checkbox"/>	Nitrobenzene
<input type="checkbox"/>	<input type="checkbox"/>	2-nitrophenol
<input type="checkbox"/>	<input type="checkbox"/>	4-nitrophenol
<input type="checkbox"/>	<input type="checkbox"/>	N-nitrosodimethylamine
<input type="checkbox"/>	<input type="checkbox"/>	N-nitrosodiphenylamine
<input type="checkbox"/>	<input type="checkbox"/>	N-nitrosodi-n-propylamine
<input type="checkbox"/>	<input type="checkbox"/>	Parachlorometa cresol
<input type="checkbox"/>	<input type="checkbox"/>	Pentachlorophenol

**PART G continued** - Check **Column A** if it comes into contact with water and may be present in the wastewater. Check **Column B** if it is present on site but in a location or process where no entry to the wastewater should occur.

G2. Semi-Volatiles (continued)

A B

- |                          |                          |                            |
|--------------------------|--------------------------|----------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Phenanthrene               |
| <input type="checkbox"/> | <input type="checkbox"/> | Phenol                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Pyrene                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 1,2,4-trichlorobenzene     |
| <input type="checkbox"/> | <input type="checkbox"/> | 2,4,6-trichlorophenol      |
| <input type="checkbox"/> | <input type="checkbox"/> | 4-bromophenyl phenyl ether |

G3. Pesticides & PCB's

A B

- |                          |                          |                                     |                                     |
|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Aldrin                              |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Dieldrin                            |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Chlordane                           | (Technical mixture and metabolites) |
| <input type="checkbox"/> | <input type="checkbox"/> | 4,4-DDT                             |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 4,4-DDE                             | (p,p-DDX)                           |
| <input type="checkbox"/> | <input type="checkbox"/> | 4,4-DDD (p,p-TDE)                   |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Alpha-endosulfan                    |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Beta-endosulfan                     |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Endosulfan sulfate                  |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Endrin                              |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Endrin aldehyde                     |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Heptachlor                          |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Heptachlor epoxide                  | (BHC-hexachlorocyclohexane)         |
| <input type="checkbox"/> | <input type="checkbox"/> | Alpha-BHC                           |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Beta-BHC                            |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Gamma-BHC (Lindane)                 |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Delta-BHC                           |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | PCB-1242 (Aroclor 1242)             |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | PCB-1254 (Aroclor 1254)             |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | PCB-1221 (Aroclor 1221)             |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | PCB-1232 (Aroclor 1232)             |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | PCB-1248 (Aroclor 1248)             |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | PCB-1260 (Aroclor 1260)             |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | PCB-1016 (Aroclor 1016)             |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 2,3,7,8-tetrachlorodibenzo-p-dioxin |                                     |
| <input type="checkbox"/> | <input type="checkbox"/> | Toxaphene                           |                                     |

**PART G continued** - Check **Column A** if it comes into contact with water and may be present in the wastewater. Check **Column B** if it is present on site but in a location or process where no entry to the wastewater should occur.

- G4. Metals
- | A                        | B                        |            |
|--------------------------|--------------------------|------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Antimony   |
| <input type="checkbox"/> | <input type="checkbox"/> | Arsenic    |
| <input type="checkbox"/> | <input type="checkbox"/> | Barium     |
| <input type="checkbox"/> | <input type="checkbox"/> | Beryllium  |
| <input type="checkbox"/> | <input type="checkbox"/> | Cadmium    |
| <input type="checkbox"/> | <input type="checkbox"/> | Chromium   |
| <input type="checkbox"/> | <input type="checkbox"/> | Cobalt     |
| <input type="checkbox"/> | <input type="checkbox"/> | Copper     |
| <input type="checkbox"/> | <input type="checkbox"/> | Lead       |
| <input type="checkbox"/> | <input type="checkbox"/> | Mercury    |
| <input type="checkbox"/> | <input type="checkbox"/> | Nickel     |
| <input type="checkbox"/> | <input type="checkbox"/> | Molybdenum |
| <input type="checkbox"/> | <input type="checkbox"/> | Selenium   |
| <input type="checkbox"/> | <input type="checkbox"/> | Silver     |
| <input type="checkbox"/> | <input type="checkbox"/> | Thallium   |
| <input type="checkbox"/> | <input type="checkbox"/> | Zinc       |

- G5. Miscellaneous
- | A                        | B                        |                                 |
|--------------------------|--------------------------|---------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Cyanide                         |
| <input type="checkbox"/> | <input type="checkbox"/> | Algicides*                      |
| <input type="checkbox"/> | <input type="checkbox"/> | Asbestos                        |
| <input type="checkbox"/> | <input type="checkbox"/> | Cresols*                        |
| <input type="checkbox"/> | <input type="checkbox"/> | Hydrocarbons                    |
| <input type="checkbox"/> | <input type="checkbox"/> | Fluoride*                       |
| <input type="checkbox"/> | <input type="checkbox"/> | Sodium                          |
| <input type="checkbox"/> | <input type="checkbox"/> | Temperature above 140 degrees F |
| <input type="checkbox"/> | <input type="checkbox"/> | Thiourea                        |
| <input type="checkbox"/> | <input type="checkbox"/> | High pH                         |
| <input type="checkbox"/> | <input type="checkbox"/> | Low pH                          |
| <input type="checkbox"/> | <input type="checkbox"/> | Oil/grease (animal/vegetable)   |
| <input type="checkbox"/> | <input type="checkbox"/> | Oil/grease (mineral)            |
| <input type="checkbox"/> | <input type="checkbox"/> | Radioactivity                   |

\*Identify the chemical compounds and concentrations where known.

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- G6. Other Solvents (list):
- | A                        | B                        |          |
|--------------------------|--------------------------|----------|
| <input type="checkbox"/> | <input type="checkbox"/> | Acetone  |
| <input type="checkbox"/> | <input type="checkbox"/> | IPA      |
| <input type="checkbox"/> | <input type="checkbox"/> | Ethanol  |
| <input type="checkbox"/> | <input type="checkbox"/> | Methanol |
| <input type="checkbox"/> | <input type="checkbox"/> | _____    |
| <input type="checkbox"/> | <input type="checkbox"/> | _____    |
| <input type="checkbox"/> | <input type="checkbox"/> | _____    |
| <input type="checkbox"/> | <input type="checkbox"/> | _____    |

**PART H - ENVIRONMENTAL PERMITS**

HAZARDOUS MATERIALS / WASTES

- H1. Does your facility generate hazardous waste?  yes  no
- (a) If yes, have you applied for a Hazardous Waste Generator Permit with the Sunnyvale Department of Public Safety?  yes  no  NA or
- (b) Is your facility permitted as a Transfer Storage or Disposal Facility (TSDF) by the Department of Toxic Substances Control?  yes  no  NA
- (c) What is your EPA ID number? \_\_\_\_\_
- H2. Have you applied for a Hazardous Materials Storage Permit from the City of Sunnyvale Fire Prevention Bureau?  yes  no  NA
- (a) If yes, did you receive:  permit  waiver  action pending  rejection
- H3. If you have a hazardous waste (or wastewater) treatment system:  
Have you applied for a Hazardous Waste Treatment (tiered) permit from the Sunnyvale Department of Public Safety?  yes  no
- (a) If yes, what tier are you permitted for? \_\_\_\_\_
- H4. Check the following Permits as applicable, which are all issued through the City of Sunnyvale Department of Public Safety Hazardous Materials Division:
- Underground Storage Tank (UST) Operations
  - Toxic Gas Operations
  - California Accidental Release

STORMWATER

- H5. Stormwater Pollution Prevention
- (a) Do you have any discharge to storm drains or channels other than storm water?  
 yes  no
1. If yes, have you applied for an individual NPDES permit from the California Regional Water Quality Control Board?  yes  no
  2. If yes, did you receive:  permit  waiver  action pending  rejection
  3. What is your permit number? \_\_\_\_\_
  4. Describe the discharge covered by your Individual NPDES Permit

\_\_\_\_\_  
\_\_\_\_\_

STORMWATER continued.

(b) Reference Order NO. 97-03-DWQ; NPDES General Industrial Permit NO. CAS000001 Attachment 1: FACILITIES COVERED BY THIS GENERAL (INDUSTRIAL) PERMIT.

([http://www.swrcb.ca.gov/water\\_issues/programs/stormwater/docs/induspm.pdf](http://www.swrcb.ca.gov/water_issues/programs/stormwater/docs/induspm.pdf))

Based on this Order, is your facility required to file a Notice Of Intent (NOI) for coverage under the NPDES General Industrial Stormwater Permit with the California Regional Water Quality Control Board?

yes                       no

(c) If yes, which category (1-10, from Attachment 1 referenced above) identifies your facility?

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(d) For Category 10 facilities, check the following conditions that apply:

- 1. All prohibited non-storm water discharges have been eliminated or otherwise permitted.
- 2. All areas of past exposure have been inspected and cleaned, as appropriate.
- 3. All materials related to industrial activity (including waste materials) are not exposed to storm water or authorized non-storm water discharges.
- 4. All industrial activities and industrial equipment are not exposed to storm water or authorized non-storm water discharges.
- 5. There is no exposure of materials associated with industrial activity through other direct or indirect pathways such as particulates from stacks and exhaust systems.
- 6. There is periodic re evaluation of the facility to ensure Conditions 1, 3, 4, and 5 are continuously met.

(e) Has your facility filed for coverage under the NPDES General Industrial Stormwater Permit?

yes                       no

(f) Do you have a Stormwater Pollution Prevention Plan on file?     yes     no     NA

If yes, what is the most recent date of the document? \_\_\_\_\_

(g) Are there any stormwater treatment devices or structures at your facility?     yes     no

If yes, describe: \_\_\_\_\_

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H6. List any other environmental permits held by this facility: \_\_\_\_\_

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**PART I - FEDERAL PRETREATMENT STANDARDS**

The following industry activities are subject to Federal Pretreatment standards. Check the box which describes this facility's compliance status and applicable category. If you are uncertain whether your facility is regulated under any of these categories, contact the Industrial Pretreatment Program.

Is the facility meeting applicable pretreatment standards on a consistent basis?  Yes  No

Do you require additional operations and maintenance (O&M) to achieve compliance?  Yes  No

\*If additional O&M or new or additional pretreatment will be required to meet categorical pretreatment standards on a consistent basis, attach a schedule projecting increments of progress, and indicating and dates for the commencement and completion of major events leading to compliance with the standard.

<b>Aluminum Forming:</b> rolling, extrusion, forging, drawing	<input type="checkbox"/>
<b>Battery Manufacturing</b>	<input type="checkbox"/>
<b>Coil Coating:</b> processes involved in converting a coil of strip metal into a coil of painted metal; canmaking	<input type="checkbox"/>
<b>Copper Forming:</b> rolling, extrusion, drawing, forging used to form copper or copper alloys	<input type="checkbox"/>
<b>Electrical/Electronic Components:</b> mfg. of semiconductor, cathode ray tube, luminescent materials, electronic crystals	<input type="checkbox"/>
<b>Inorganic Chemicals</b>	<input type="checkbox"/>
<b>Iron &amp; Steel Manufacturing</b>	<input type="checkbox"/>
<b>Leather Tanning &amp; Finishing</b>	<input type="checkbox"/>
<b>Metal Finishing:</b> more than 50% of work is for own product electroplating, anodizing, conversion coating, electroless plating, chemical etching and milling, printed circuit boards	<input type="checkbox"/>
<b>Metal Molding &amp; Casting</b>	<input type="checkbox"/>
<b>Nonferrous Metals Forming</b>	<input type="checkbox"/>
<b>Nonferrous Metals Mfg:</b> processing ore or scrap metals from solutions and other sources	<input type="checkbox"/>
<b>Organic Chemicals, Plastics, &amp; Synthetic Fibers:</b> manufacturing	<input type="checkbox"/>
<b>Pesticides:</b> manufacturing, formulating, packaging	<input type="checkbox"/>
<b>Pharmaceuticals:</b> fermentation, extraction, chemical synthesis, compounding, mixing, formulating, research	<input type="checkbox"/>
<b>Plastics Molding &amp; Forming:</b> molding, extrusion, coating, laminating, calendaring, thermoforming, casting, forming, cleaning, assembling	<input type="checkbox"/>
<b>Porcelain Enameling:</b> preparation of a metal surface and application of a porcelain or fused silicate coating	<input type="checkbox"/>
<b>Pulp &amp; Paper:</b> manufacture of pulp, paper, or paperboard including secondary fiber mills	<input type="checkbox"/>
<b>Steam-Electric Power Generating</b>	<input type="checkbox"/>
<b>Textile Mills</b>	<input type="checkbox"/>
<b>Other (list):</b> _____	<input type="checkbox"/>

