



UNION SANITARY DISTRICT  
 5072 BENSON ROAD  
 UNION CITY, CA 94587  
 (510) 477-7500

**WASTEWATER DISCHARGE PERMIT  
 PART E — WATER SOURCE & USE**

Permit No.: \_\_\_\_\_

**Purpose:** The Water Source and Use information will enable the District to determine the volumes and sources of wastewater discharged to the community sewer.

**E1. (a) Number of Employees On-site and Hours of Operation**

	SITE OFFICE STAFF		SITE PRODUCTION STAFF					
	No. (Avg.)	HOURS	DAY SHIFT		SWING SHIFT		NIGHT SHIFT	
			No. (Avg.)	HOURS	No. (Avg.)	HOURS	No. (Avg.)	HOURS
WEEKDAY		to		to		to		to
SATURDAY		to		to		to		to
SUNDAY		to		to		to		to

(b) Total Number of On-site Employees: \_\_\_\_\_

**E2. (a) Water Use and Disposition – Average volume of water received and wastewater discharged in gallons per day (gpd) averaged for the preceding twelve month period. The total supply should be checked using recent water bills (where available) to verify the amounts shown. In the table, total water usage should equal total water consumption/ discharge.**

Water Uses: <sup>1</sup>	WATER SUPPLY SOURCES			WATER CONSUMPTION / DISCHARGE		
	WATER DISTRICT (ACWD) (gpd)	NOT AN ACWD SOURCE (gpd)	LIST SOURCE (if non-ACWD) <sup>3</sup>	USD SEWER (gpd)	NOT DISCHARGED TO USD (gpd)	LIST DISCHARGE POINT (if non-USD) <sup>4</sup>
Domestic <sup>2</sup>						
<b>TOTAL:</b>						

**Footnotes:**

- <sup>1</sup> List all uses of water. Example water uses: Boiler Feed/Blowdown, Wet Scrubber, To Product, Non-Contact Cooling, Contact Cooling, Washing, Processes (describe), RO/DI Reject, Softener Regeneration, Condensate, Irrigation (if not on separate designated irrigation meter), etc.
- <sup>2</sup> Domestic allowance is 20 gallons per employee per day. Number of Employees listed in Section E1(b).
- <sup>3</sup> Example Non-ACWD Sources: groundwater well, stormwater, reclaimed water, condensate, creek, bay, estuary, etc.
- <sup>4</sup> Example Non-USD Discharges: to product, evaporation, stormdrain, reuse, hauled offsite, irrigation, etc.

(b) Describe method and calculations used to determine volumes shown in E2(a). A separate sheet may be necessary.

**E3. Sources of Wastewater Discharged To Sewer:**

- (a) Is ACWD source water meter shared by multiple site tenants?     No     Yes
- (b) Does site have ACWD meter designated for irrigation only?     No     Yes    Account #: \_\_\_\_\_
- (c) Does site have private water meter(s)?     No     Yes

If yes, describe

(d) Percentage of Source Water Sent to Sewer (used for computing sewage disposal service charge)

WATER SUPPLY (ACWD) ACCOUNT #	TOTAL % DISCHAGED TO SEWER	If multiple building sewer discharge points, show percentage of discharge to each building sewer.			
		Sewer No.1	Sewer No.2	Sewer No.3	Sewer No.4