Clear Form

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CENTRAL CONTRA COSTA SANITARY DISTRICT

Best Management Practices (BMPs) Class III Permit Application

Submit completed application to:

Central San
Environmental Compliance
5019 Imhoff Place
Martinez, CA 94553

The Source Control Program controls the discharge of pollutants such as solvents, oils, acids, and toxic metals at their source to reduce pollutants from entering the sanitary sewer system in quantities that impact the CCCSD operations and/or pass through to the local water environment. This permit program contributes to this goal.

Discharger Information

Company Name	Phone (Day)
Mailing Address	Phone (Other)
	Fax
Contact Person	E-mail

Business Activities: What service activities are performed? (Please check all services performed at your facility).

☐ Vehicle Service	☐ Vehicle Hand Wash	☐ Equipment Rental
☐ Auto Dealership	☐ Detailing	☐ Machine Shop
☐ Fleet Maintenance	☐ Self-Serve Carwash	☐ Radiator Repair
☐ Auto Body Repair	☐ Vehicle Wash Tunnel	☐ Engine Cleaning
☐ Vehicle Painting	☐ Recreational Vehicle Maintenance (e.g. Boats, ATVs, RVs)	☐ Other (Please Describe)

Wastewater Discharge: What processes generate wastewater at your facility?

Processes	Wastewater Generated	Disposed to the Sanitary Sewer	Processes	Wastewater Generated	Disposed to the Sanitary Sewer
Vehicle Cleaning	Yes☐ No☐	Yes☐ No☐	Radiator Flushing	Yes☐ No☐	Yes☐ No☐
Engine Washing	Yes☐ No☐	Yes☐ No☐	Water Recycling System	Yes☐ No☐	Yes☐ No☐
Metal Plating	Yes☐ No☐	Yes☐ No☐	Pressure Washing (e.g. driveways, parking lot)	Yes☐ No☐	Yes☐ No☐
Floor Cleaning	Yes☐ No☐	Yes☐ No☐	Heavy Equipment Washing	Yes☐ No☐	Yes☐ No☐
Radiator Repair	Yes☐ No☐	Yes☐ No☐	Fats, Oils and Grease (Food service)	Yes☐ No☐	Yes☐ No☐
Landscape Equipment Cleaning	Yes☐ No☐	Yes☐ No☐	Sump Collection	Yes☐ No☐	Yes☐ No☐
Acid Wash	Yes☐ No☐	Yes☐ No☐	Paint Equipment Cleaning	Yes☐ No☐	Yes☐ No☐
Hot Tank	Yes☐ No☐	Yes☐ No☐	Wet Sanding	Yes☐ No☐	Yes☐ No☐
Parts Washing	Yes☐ No☐	Yes☐ No☐	Mop Water	Yes☐ No☐	Yes☐ No☐
Other	Yes☐ No☐	Yes☐ No☐	Other	Yes☐ No☐	Yes☐ No☐

***If waste water is not discharged to the sanitary sewer, where is it disposed?**

Wastewater Treatment Devices: Identify the type and the number of wastewater treatment devices used at your facility.			
Wastewater Treatment Device	**Number of Devices**	**Wastewater Treatment Device**	**Number of Devices**
☐ Oil/Water Interceptor		☐ Reverse Osmosis	
☐ Oil/Water Trap		☐ Ozone	
☐ Fat/Oil/Grease Interceptor		☐ Granular Activated Carbon	
☐ Fat/Oil/Grease Trap		☐ pH Neutralization	
☐ Solids Filtration		☐ Other	
What fixtures (e.g. drains, sinks, wash pad) are connected to the Interceptor/Trap?			
How frequently is the Interceptor/Trap serviced?			
Date of most recent Interceptor/Trap service.			
Name of company that serviced the Interceptor/Trap.			
Describe the maintenance and frequency of additional pretreatment devices besides grease traps and interceptors at this facility (i.e. Solids Filtration; Granular Activated Carbon).			

BMP Procedures for spill response and floor cleaning.
What process is used to clean service bay(s) floors?
How frequently are service bay(s) floors cleaned?
If floors are mopped, where is mop water disposed?
When spills occur, how are they cleaned up?
Do the service bay(s) have floor drains? Yes ☐ No ☐ If checked yes to the above question, please specify in what area the floor drains are located (i.e. center floor near vehicle lift; near service bay entrance).

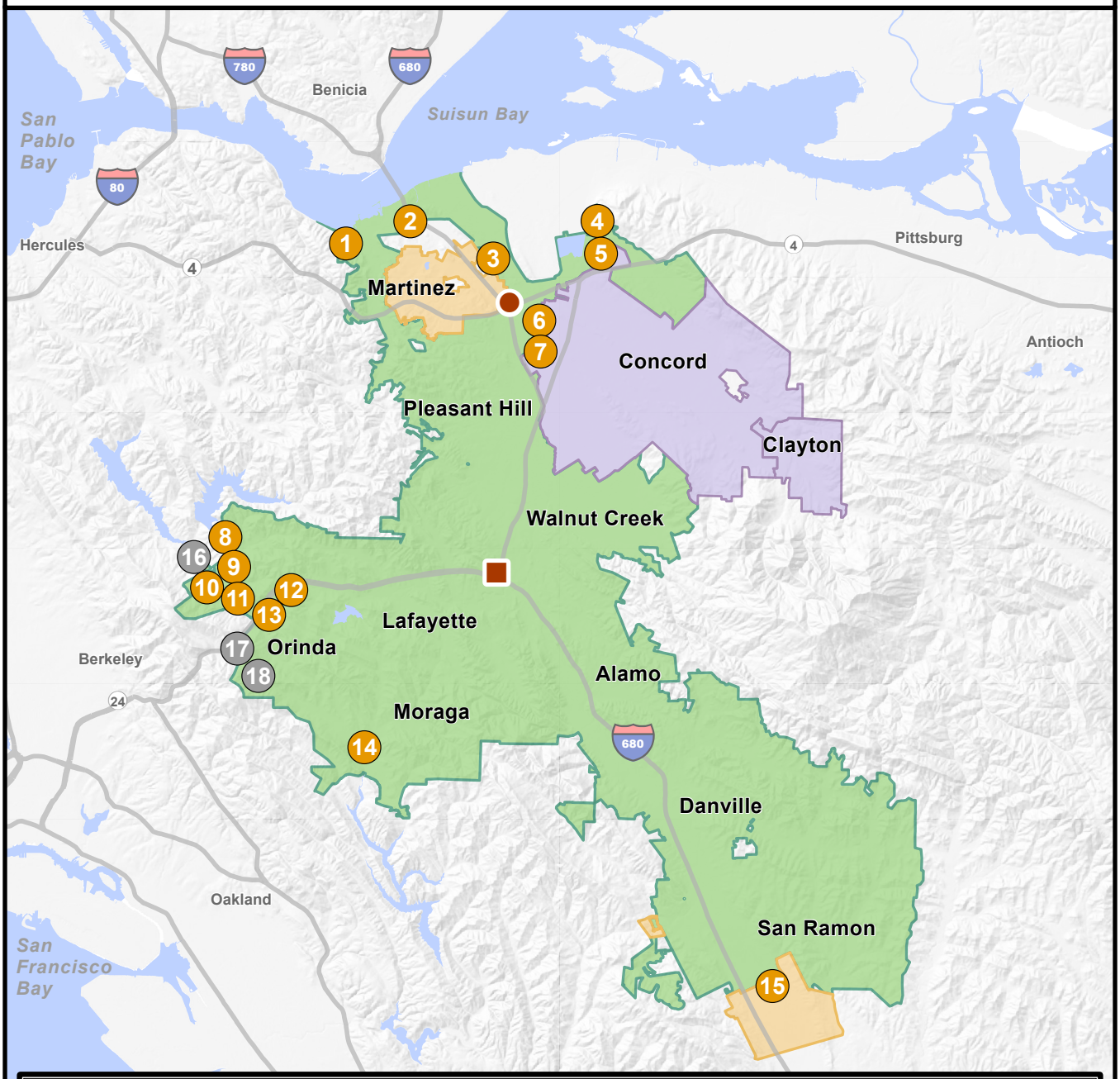
I certify under penalty of perjury that this document and all attachments were prepared under my direction or supervision and the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and/or further legal action for knowing violations.

Name of Authorized Representative*	**Title**	**Phone Number**
Name and Address of Facility	**E-Mail**	
Signature PRINT & SIGN	**Date**	

***Definition of Authorized Representative of Industrial User:** An authorized representative of an industrial user may be: 1) the principal executive officer, if the industrial user is a corporation; 2) general partner or proprietor, if the industrial user is a partnership or proprietorship, respectively; 3) duly authorized representative of the individual designated above if such representative is responsible for the overall operation of the facilities from which the discharge originates, and if such representative is identified in writing by the individual designated in 1) or 2) above.

Central Contra Costa Sanitary District Service Area
June 30, 2023

Date: 10/25/2023



Legend

- Central San's Headquarter, Treatment Plant, and HHW Collection Facility
- Central San's Collection System Operations Department (sewer maintenance) Building
- Wastewater collection and treatment and HHW collection for 352,183 people
- Wastewater treatment and HHW collection for 133,489 residents in Concord and Clayton by contract
- HHW disposal services only

Pump and Lift Stations

1. Martinez
2. Fairview
3. Maltby
4. Clyde
5. Concord Industrial
6. Buchanan Field North
7. Buchanan Field South
8. Sleepy Hollow
9. Acacia
10. Flush Kleen
11. Lower Orinda
12. Bates Blvd. - Orinda
13. Orinda Crossroads
14. Moraga
15. San Ramon
16. Wagner Ranch
17. Lower Wilder
18. Upper Wilder

- Pump or Lift Station
- Privately Owned Pump Station

0 2 4
Miles

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CENTRAL CONTRA COSTA SANITARY DISTRICT

LOCAL DISCHARGE LIMITS*

Effective 9/1/07

Pollutant	DISCHARGE LIMITATION**	LIMIT APPLIES TO:
Antimony (Sb)	5.0	All Industrial Users (IUs)
Arsenic (As)	0.8	All IUs
Cadmium (Cd)	0.3	All IUs
Chromium (Cr(T))	1.5	All IUs
Copper (Cu)	0.9 0.04	Permitted IUs Unpermitted IUs
Lead (Pb)	0.4 0.001	Permitted IUs Unpermitted IUs
Mercury (Hg)	0.003 0.0001	Permitted IUs Unpermitted IUs
Nickel (Ni)	3.0	All IUs
Selenium (Se)	0.3	All IUs
Silver (Ag)	1.0	All IUs
Zinc (Zn)	4.5	All IUs
Cyanide (CN)	0.5 Prohibition	Permitted IUs Unpermitted IUs
Phenol	10.0	All IUs
pH (Instantaneous limits)	5.5 – 11.5 units	All IUs
Oil & Grease - Mineral	100	All IUs
Oil & Grease - Animal & Vegetable	300	All IUs
Total Toxic Organics (TTO) (see separate list)	2.10	All IUs

Special Limitations for Groundwater Remediation Projects*:	
Benzene, Toluene, Ethylbenzene & Xylene (BTEX)	1.0
Total Petroleum Hydrocarbons (TPH)	10.0

* More stringent limits may apply for industries subject to National Categorical Pretreatment Standards.

** Expressed in mg/L unless otherwise noted. Limits are daily maximum limits unless otherwise specified.

Pollutant Parameters with Alternative Control Strategies	
Pollutant	**Control Strategy**
Chlorpyrifos	Best Management Practices
Diazinon	Best Management Practices
Dieldrin	Discharge Prohibition
Dioxin compounds	Discharge Prohibition
4,4'-DDE	Discharge Prohibition
PCBs	Discharge Prohibition
Perchloroethylene (PCE) from dry cleaning	Discharge Prohibition
Tributyltin	Discharge Prohibition

The following parameters are established in General Discharge Prohibitions of Title 10:	
Radioactivity	Refer to 10CFR20.2003
Closed-Cup Flashpoint (test method 40CFR Part 261.21)	140°F (60°C)
Lower Explosive Limit (LEL)	
2 Successive Readings	5%
Single Reading	10%
Temperature	150°F (65°C)

CCCSD LIST OF TOTAL TOXIC ORGANIC (TTO) POLLUTANTS SUBJECT TO TTO LOCAL LIMIT OR TTO MANAGEMENT PLAN

The District's Local Discharge Limits include a parameter called Total Toxic Organics (TTO) with a limit set at 2.10 mg/L. The EPA has created a list of priority organic pollutants which cumulatively make up the District's TTO parameter. The analysis methods set forth in 40 CFR Part 136, Methods 624, 625, and 608, provide data on the TTO constituents. Method 608 may not always be required. Unless specifically required, Method 1613 for dioxin compounds is not mandatory for routine analysis of TTO constituents. The constituents with concentrations greater than 0.01 mg/L must be added together to determine compliance with the District's Local Discharge Limit for TTO. Following is a list of the constituents of TTO:

METHOD 624

Acrolein
Acrylonitrile [2-propenenitrile]
Benzene
Bromoform [tribromomethane]
Carbon tetrachloride [tetrachloromethane]
Chlorobenzene
Chlorodibromomethane
Chloroethane
2-Chloroethyl vinyl ether (mixed)
Chloroform [trichloromethane]
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorobromomethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethylene
1,2-Dichloropropane
1,3-Dichloropropylene [1,3-dichloropropene]
1,2-*trans*-Dichloroethylene [1,2-*trans*-dichloroethene]
Ethylbenzene
Methyl bromide [bromomethane]
Methyl chloride [chloromethane]
Methylene chloride [dichloromethane]
Styrene
1,1,2,2-Tetrachloroethane
Tetrachloroethylene [perchloroethylene, tetrachloroethene]
Toluene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene [Trichloroethene]
Vinyl chloride [Chloroethylene]

METHOD 625

Acenaphthene
Acenaphthylene
Anthracene
1,2-Benzanthracene [benzo(a)anthracene]
Benzidine
3,4-Benzofluoranthene [benzo(b)fluoranthene]
11,12-Benzofluoranthene [benzo(k)fluoranthene]
1,12-Benzoperylene [benzo(g,h,i)perylene]
3,4-Benzopyrene [benzo(a)pyrene]
bis(2-Chloroethoxy) methane
bis(2-Chloroethyl) ether
bis(2-Chloroisopropyl) ether
bis(2-Ethylhexyl) phthalate
4-Bromophenyl phenyl ether
Butyl benzyl phthalate
4-Chloro-3-methylphenol [*para*-chloro-*meta*-cresol]
2-Chloronaphthalene
2-Chlorophenol
4-Chlorophenyl phenyl ether
Chrysene
1,2,5,6-Dibenzanthracene [dibenzo(a,h)anthracene]
3,3'-Dichlorobenzidine
2,4-Dichlorophenol
Diethyl phthalate
2,4-Dimethylphenol
Dimethyl phthalate
Di-n-butyl phthalate
4,6-Dinitro-*ortho*-cresol [4,6-dinitro-2-methylphenol]
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
Di-n-octyl phthalate
1,2-Diphenylhydrazine
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-c,d)pyrene [2,3-*o*-phenylene pyrene]
Isophorone
Naphthalene
Nitrobenzene
2-Nitrophenol
4-Nitrophenol
N-Nitrosodimethylamine
N-Nitroso-di-n-propylamine
N-Nitrosodiphenylamine
Pentachlorophenol
Phenanthrene
Pyrene
1,2,4-Trichlorobenzene
2,4,6-Trichlorophenol

METHOD 608

Aldrin
Alpha-BHC
Alpha-endosulfan
Beta-BHC
Beta-endosulfan
Chlordane (technical mixture and metabolites)
4,4'-DDD [p,p'-TDE]
4,4'-DDT [p,p'-DDT]
Delta-BHC
Endosulfan sulfate
Endrin
Endrin aldehyde
Gamma-BHC [lindane]
Heptachlor
Heptachlor epoxide
Toxaphene

CCCSD INDUSTRIAL USER FACT SHEET
GENERAL DISCHARGE PROHIBITIONS

This fact sheet summarizes the District's general discharge prohibitions that establish enforceable requirements. More detailed information on these requirements can be obtained by reading the complete text in Sections 10.08.020, 10.08.030, and 10.08.040 of the District Code.

Prohibited Effects:

- Discharges that pose a threat to human health (District employees, the public) including hazardous conditions and nuisances;
- Discharges that damage, obstruct or impede the operation and maintenance of the District's collection system and treatment plant;
- Discharges that cause interference with the treatment processes, a "pass-through" event or any other violation of the permits issued to the District to collect, treat and dispose of wastewater and its residuals;
- Discharges that are prohibited by other statutes or regulations, cause the District to alter its operating permits or plant processes, or prompt additional regulatory oversight by other agencies.

Prohibited Substances or Characteristics:

- Flammable or explosive substances;
- Solid or viscous substances that may cause obstruction of or interference with District facilities;
- Substances having a pH of <5.5 or $\geq$11.5 pH units;
- Liquids, solids or gases that are toxic or hazardous to human health or District operations;
- High temperature wastewater (150°F when discharged to the collection system);
- Significant deviations from the daily quantity and/or quality of wastewater discharged;
- Radioactive substances prohibited by either state or federal regulatory requirements;
- Unpolluted water (e.g. groundwater, storm water) unless specifically authorized by a District permit;
- Septic tank, holding tank, portable toilet, grease interceptor, oil/sand interceptor wastes unless transported into the treatment plant by a waste hauler permitted by the District;
- Hazardous wastes as defined by either federal or state laws and regulations;
- Wastewater that exceeds any federal categorical discharge limits or the District's Local Discharge Limits.