



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).		
<input type="checkbox"/> Vehicle Service	<input type="checkbox"/> Vehicle Hand Wash	<input type="checkbox"/> Equipment Rental
<input type="checkbox"/> Auto Dealership	<input type="checkbox"/> Detailing	<input type="checkbox"/> Machine Shop
<input type="checkbox"/> Fleet Maintenance	<input type="checkbox"/> Self-Serve Carwash	<input type="checkbox"/> Radiator Repair
<input type="checkbox"/> Auto Body Repair	<input type="checkbox"/> Vehicle Wash Tunnel	<input type="checkbox"/> Engine Cleaning
<input type="checkbox"/> Vehicle Painting	<input type="checkbox"/> Recreational Vehicle Maintenance (e.g. Boats, ATVs, RVs)	<input type="checkbox"/> 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 <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Radiator Flushing	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Engine Washing	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Water Recycling System	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Metal Plating	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Pressure Washing (e.g. driveways, parking lot)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Floor Cleaning	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Heavy Equipment Washing	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Radiator Repair	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Fats, Oils and Grease (Food service)	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Landscape Equipment Cleaning	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Sump Collection	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Acid Wash	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Paint Equipment Cleaning	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Hot Tank	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Wet Sanding	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Parts Washing	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Mop Water	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Other	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Other	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

***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
<input type="checkbox"/> Oil/Water Interceptor		<input type="checkbox"/> Reverse Osmosis	
<input type="checkbox"/> Oil/Water Trap		<input type="checkbox"/> Ozone	
<input type="checkbox"/> Fat/Oil/Grease Interceptor		<input type="checkbox"/> Granular Activated Carbon	
<input type="checkbox"/> Fat/Oil/Grease Trap		<input type="checkbox"/> pH Neutralization	
<input type="checkbox"/> Solids Filtration		<input type="checkbox"/> 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	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
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)

CCCSO 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 ≥ 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.