CENTRAL CONTRA COSTA SANITARY DISTRICT
Best Management Practices (BMPs)
Class III Permit Application

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.

<table>
<thead>
<tr>
<th>Discharger Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name</td>
</tr>
<tr>
<td>Mailing Address</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Contact Person</td>
</tr>
</tbody>
</table>

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

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

**Wastewater Discharge:** What processes generate wastewater at your facility?

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

*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.

<table>
<thead>
<tr>
<th>Wastewater Treatment Device</th>
<th>Number of Devices</th>
<th>Wastewater Treatment Device</th>
<th>Number of Devices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil/Water Interceptor</td>
<td></td>
<td>Reverse Osmosis</td>
<td></td>
</tr>
<tr>
<td>Oil/Water Trap</td>
<td></td>
<td>Ozone</td>
<td></td>
</tr>
<tr>
<td>Fat/Oil/Grease Interceptor</td>
<td></td>
<td>Granular Activated Carbon</td>
<td></td>
</tr>
<tr>
<td>Fat/Oil/Grease Trap</td>
<td></td>
<td>pH Neutralization</td>
<td></td>
</tr>
<tr>
<td>Solids Filtration</td>
<td></td>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Name of Authorized Representative*</th>
<th>Title</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name and Address of Facility</td>
<td>E-Mail</td>
<td></td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Discharge Limitation**</th>
<th>Limit Applies To:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony (Sb)</td>
<td>5.0</td>
<td>All Industrial Users (IUs)</td>
</tr>
<tr>
<td>Arsenic (As)</td>
<td>0.8</td>
<td>All IUs</td>
</tr>
<tr>
<td>Cadmium (Cd)</td>
<td>0.3</td>
<td>All IUs</td>
</tr>
<tr>
<td>Chromium (Cr(T))</td>
<td>1.5</td>
<td>All IUs</td>
</tr>
<tr>
<td>Copper (Cu)</td>
<td>0.9</td>
<td>Permitted IUs</td>
</tr>
<tr>
<td></td>
<td>0.04</td>
<td>Unpermitted IUs</td>
</tr>
<tr>
<td>Lead (Pb)</td>
<td>0.4</td>
<td>Permitted IUs</td>
</tr>
<tr>
<td></td>
<td>0.001</td>
<td>Unpermitted IUs</td>
</tr>
<tr>
<td>Mercury (Hg)</td>
<td>0.003</td>
<td>Permitted IUs</td>
</tr>
<tr>
<td></td>
<td>0.0001</td>
<td>Unpermitted IUs</td>
</tr>
<tr>
<td>Nickel (Ni)</td>
<td>3.0</td>
<td>All IUs</td>
</tr>
<tr>
<td>Selenium (Se)</td>
<td>0.3</td>
<td>All IUs</td>
</tr>
<tr>
<td>Silver (Ag)</td>
<td>1.0</td>
<td>All IUs</td>
</tr>
<tr>
<td>Zinc (Zn)</td>
<td>4.5</td>
<td>All IUs</td>
</tr>
<tr>
<td>Cyanide (CN)</td>
<td>0.5</td>
<td>Permitted IUs</td>
</tr>
<tr>
<td></td>
<td>Prohibition</td>
<td>Unpermitted IUs</td>
</tr>
<tr>
<td>Phenol</td>
<td>10.0</td>
<td>All IUs</td>
</tr>
<tr>
<td>pH (Instantaneous limits)</td>
<td>5.5 – 11.5 units</td>
<td>All IUs</td>
</tr>
<tr>
<td>Oil &amp; Grease - Mineral</td>
<td>100</td>
<td>All IUs</td>
</tr>
<tr>
<td>Oil &amp; Grease - Animal &amp; Vegetable</td>
<td>300</td>
<td>All IUs</td>
</tr>
<tr>
<td>Total Toxic Organics (TTO) (see separate list)</td>
<td>2.10</td>
<td>All IUs</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Control Strategy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorpyrifos</td>
<td>Best Management Practices</td>
</tr>
<tr>
<td>Diazinon</td>
<td>Best Management Practices</td>
</tr>
<tr>
<td>Dieldrin</td>
<td>Discharge Prohibition</td>
</tr>
<tr>
<td>Dioxin compounds</td>
<td>Discharge Prohibition</td>
</tr>
<tr>
<td>4,4'-DDE</td>
<td>Discharge Prohibition</td>
</tr>
<tr>
<td>PCBs</td>
<td>Discharge Prohibition</td>
</tr>
<tr>
<td>Perchloroethylene (PCE) from dry cleaning</td>
<td>Discharge Prohibition</td>
</tr>
<tr>
<td>Tributyltin</td>
<td>Discharge Prohibition</td>
</tr>
</tbody>
</table>

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-Dichloropropene
- 1,3-Dichloropropylene
  - [1,3-dichloropropene]
- 1,2-trans-Dichlороethylenе
  - [1,2-trans-dichloroethene]
- Ethylenzene
- Methylene bromide
  - [bromomethane]
- Methy1 chloride
  - [chloromethane]
- Methylene chloride
  - [dichloromethane]
- Styrene
  - 1,1,2,2-Tetrachloroethane
  - Tetrachloroethylene
    - [perchloroethylene, tetrachlorethene]
- Toluene
  - 1,1,1-Trichloroethane
  - 1,1,2-Trichloroethane
  - Trichloroethylene
    - [Trichloroethene]
- Vinyl chloride
- [Chloroethylene]

#### METHOD 625
- Acenaphthene
- Acenaphthylene
- Anthracene
- 1,2-Benzenanthracene
  - [benzo(a)anthracene]
- Benzenzidine
- 3,4-Benzofluoranthene
  - [benzo(b)fluoranthene]
- 11,12-Benzofluoranthene
  - [benzo(k)fluoranthene]
- 1,12-Benzoperylene
  - [benzo(g,h,i)perylenе]
- 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
  - [4-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

#### 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

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-Nitrosodiethylamine
N-Nitroso-di-n-propylamine
N-Nitrosodiphenylamine
Pentachlorophenol
Phenantherene
Pyrene
1,2,4-Trichlorobenzene
2,4,6-Trichlorophenol
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.