

Article VI: Industrial Discharges

- 6.01 Objective** – The purpose of this section is to control the wastewater discharged into the public sewer from nonresidential users, which could contribute to causing the effluent discharge from the sewage treatment facility to violate any discharge requirement set by the United States Environmental Protective Agency (EPA) and California Regional Water Quality Control Board (RWQCB) as well as to protect public health, District personnel, and District facilities.
- 6.02 Authority** – The District’s Ordinance, Rules and Regulations may be amended from time to time in order to comply with updates to regulations set by the United States EPA or California RWQCB.

The District’s General Manager’s powers include but not limited to:

- Issue industrial wastewater discharge authorization.
- Issue industrial wastewater discharge permit.
- Require the installation and maintenance of pretreatment and/or monitoring facilities and equipment.
- Require monitoring and reporting of discharge to the public sewer system.
- Monitor the quality of wastewater that enters the sewer system.
- Require the preparation of a spill containment plan and reporting of accidental discharge.
- Require the preparation of a slug control plan.
- Reject industrial wastewater discharge.
- Require control over the quantities or rate of industrial discharge to the public sewer system.
- Require payment to cover the added cost of handling and treating the industrial water/waste not covered by existing taxes or charges under the provisions of these regulations.

- 6.03 Industrial Wastewater – Industrial Waste** – Industrial Waste is defined as all wastewater from any manufacturing, processing, institutional, commercial, or agricultural operation, or any operation where the wastewater discharged includes significant quantities of waste of non-human origins. Any person desiring to discharge industrial wastewater into the Public Sewer or upon request of the District any person shall be required to submit an application to the General Manager presenting information as to the characteristics and amount of industrial wastewater to be discharged. No industrial wastewater shall be discharged into the Public Sewer, which will contribute to causing the effluent discharged from the sewage treatment facilities to violate any discharge requirement set by the California RWQCB.

6.04 Prohibited Industrial Discharges – No industrial waste shall be discharged to the Public Sewer which exceeds the District’s wastewater influent standards (refer to Article V) or exceeds the following chemical, physical and/or bacteriological concentrations:

Constituent		Not to Exceed Limit
a	Methylene Blue Active Substance (MBAS)	1.0 mg/L
b	Ammonia Nitrogen	45 mg/L
c	Total Kjeldahl Nitrogen (TKN)	60 mg/L
d	Dissolved Sulfides	0.1 mg/L
e	Five (5) day Biochemical Oxygen Demand (BOD)	250 mg/L
f	Total Dissolved Solids (TDS)	665 mg/L
g	Sulphate-Ion	50 mg/L (See note 1)
h	Sodium-Ion	100 mg/L (See note 2)
i	Fluoride-Ion	0.7 mg/L (See note 3)
j	Chloride-Ion	70 mg/L (See note 4)
k	The discharge of water of natural geothermal origin is expressly prohibited	

Note 1: The not to exceed limit for Sulphate shall be 50 mg/L plus the yearly average of Sulphate Ion in the water supply

Note 2: The not to exceed limit for Sodium shall be 100 mg/L plus the yearly average of Sodium in the water supply

Note 3: The not to exceed limit for Fluoride-Ion shall be 0.7 mg/L plus the yearly average of the Fluoride-Ion in the water supply.

Note 4: The not to exceed limit for Chloride-Ion shall be 70 mg/L plus the yearly average of Chloride-Ion in the water supply.

6.05 Application for Industrial Discharge Permit – Any person desiring to discharge industrial waste into the Public Sewer, or as requested by the District, shall submit a complete permit application to the General Manager for review. The General Manager may issue an industrial discharge permit for connection to the Public Sewer System and may set requirements on the quantity and quality of any discharge. All industrial waste permit applications shall include but not limited to the following information:

- a. Name, address, and contact information for the business owners and managers who will be onsite during business hours.
- b. Description of the facility type, activities, operation, and services to be provided.
- c. Description of equipment type used on site.
- d. Facility Size.
- e. Type and amount of raw materials/chemicals used, stored, and/or processed on site. This should include a description of how materials/chemicals are stored.

- f. Wastewater flow rate and time/duration of discharge.
- g. Constituents of wastewater discharge
- h. Site plans, floor plans, mechanical and plumbing plans to show all sewers, floor drains and appurtenances by size, location, elevations, and points of discharge.
- i. Proposed pretreatment and monitoring facilities and procedures to be used.
- j. Any other information deemed necessary by the General Manager to evaluate the wastewater discharge application.

6.06 Industrial Waste Discharge Permit – Permits shall be issued for a period not to exceed five (5) years and are non-transferable. Approximately three (3) months prior to the expiration of the Industrial Wastewater Discharge Permit period, the District will give notice to the Permit holder of the need for renewal. Renewal of the Industrial Waste Discharge Permit requires the applicant to submit a new application to the District with the information provided in section 6.05 of these Ordinance for review and approval. The Industrial Waste Discharge Permit shall be kept onsite and made available to District employees or representatives to view upon request.

Industrial Waste Discharge permits are not transferable between new owners or users. Upon change of ownership and/or user of facility and/or uses within the facility, a new Industrial Waste Discharge Permit application shall be submitted to the District within ten (10) working days of the effective change. If the owner/user fails to submit a new application within the time stipulated, the Industrial Waste Discharge Permit will be voided, and the discharger shall receive a notice of violation.

6.07 Industrial Waste Discharge Permit Amendments – The General Manager reserves the right to modify an industrial waste discharge permit for good cause including but not limited to:

- a. To incorporate new, revised or updated federal, state, or local pretreatment standards or requirements.
- b. To address significant alterations or additions to the discharger's operation processes, or wastewater volumes or characteristics since the time of permit issuance.
- c. Information indicating that the permitted discharge poses a threat to the District's sewer system, District's personnel or the receiving waters.
- d. Violation of any terms or conditions of the permit.
- e. Misrepresentation or failure to fully disclose all relevant facts in the submitted Industrial Waste Discharge permit application or in any of the required reporting.
- f. To reflect the transfer of ownership or operation of the facility.

A permit revision is required when the wastewater discharge deviates from the approved quantity or quality indicated in the current permit by more than 25 percent. The permit revision submittal should include a new permit application and a detailed description explaining the reason for the change in wastewater characteristics

between the existing discharge and the indicated discharge in the original approved permit. If significant changes in wastewater-generating processes have been made since the original permit approval, the Owner/User will be required to submit updated plans and information.

6.08 Conditions of the Industrial Waste Discharge Permit – By applying for an industrial waste discharge permit, the applicant agrees to abide by all rule, regulations, ordinances and policies of the District concerning and pertaining to the industrial discharge permit. Any violations of the District’s rule, regulations, ordinances and policies can subject the Industrial Waste Discharge Permit to immediate revocation as determined by the District.

The General Manager may include some or all of the following as conditions in any Industrial Waste Discharge Permit:

- a. **Pretreatment of Industrial Waste** – The General Manager may require the Owner/User, at his own expense, for the pretreatment and handling of the industrial waste to an acceptable condition prior to discharge to the Public Sewer. Any plans, specifications, or other applicable information related to the design, operation and construction of preliminary treatment or handling devices shall be submitted to the General Manager for review and approval at the time of permit application. No Construction of any such devices shall commence without approval from the General Manager. Pretreatment of industrial waste shall be in accordance with the United States EPA and/or California RWQCB pretreatment standards.
- b. **Limit Quantities and Rates** – The permit may require that the Owner/User exercise specific control over the quantities and rates of discharge. If necessary, the Owner/User shall install an approved flume and automatic recording device for the purpose of measuring flow and flow rates.
- c. **Spill Control Plan** – The Owner/User may be required to develop and implement a spill Control plan to adequately manage and prevent accidental/unanticipated discharges to the Public Sewer.
- d. **Waste Minimization Plan** – The Owner/User may be required to develop and implement a Waste Minimization Plan to reduce the amount of pollutants discharged to the Public Sewer system.
- e. **Grease and Sand Interceptors and Separators** – The Owner/User may be required to install, maintain, and use Grease and/or Sand Interceptors and Separators as specified in the current edition of the Uniform Plumbing Code, or as modified and superseded by District Ordinances or Rules and Regulations (see Article VII Grease/Sand Interceptors).
- f. **Costs for Additional Treatment** – If in the opinion of the General Manager the Industrial Waste will require additional handling and treatment by the District, the Industrial Waste Permit shall include a special agreement or arrangement between the District and the Permit Holders whereby industrial waste may be accepted by the District for treatment, subject to payment of the added cost for

this handling and treatment as established by the Board.

- g. Control Manholes** – When required by the General Manager or District Engineer, the Owner of any property served by the Building Sewer carrying industrial wastes shall install a suitable Control Manhole in the Building Sewer to facilitate observation, sampling and measurement of waste.

Such manhole shall be installed by the owner at his expense, and shall be maintained to be safe and accessible at all times.

- 6.09 Maintenance Requirements** – All pre-treatment system, flow measuring equipment, flow equalization device, grease or sand interceptor or separator, or other equipment or device required by the Industrial Waste Permit shall be continuously maintained in satisfactory and effective operation at the Owner's expense, as approved by the District's inspector.
- 6.10 Access** – The District shall be permitted to enter all properties covered by an Industrial Waste Discharge permit for the purposes of inspection, observing, measuring, sampling, and testing of the wastewater discharged to the public sewer to determine if standards set by this Ordinance or by the permit are being met. The Owner/User shall allow the District access to all control manholes, sampling locations, pretreatment systems or other equipment or device required by the Industrial Waste Permit at all times and shall not be restricted, impeded or prevented by the Owner/User. The Owner/User shall not store, stack, place any material on or around the manhole and/or sampling location to prevent or obscure the District's access. Any temporary or permanent obstruction to safe and easy access to the facilities to be inspected by the District shall be promptly removed by the Owner/User at written or verbal request of the District and shall be at the sole cost of the Owner/User.
- 6.11 Inspection Requirements** – Physical inspections shall be coordinated with the District to allow for the District's representative to be present during inspection, sampling and testing. The permit holder shall contact the District's Wastewater Department to schedule and arrange for a District representative to be present maintenance and/or sampling/testing. Inspections will only be made during regular working hours. Inspection hours are 7:00 a.m. to 3:30 p.m., Monday - Friday. Overtime (O.T.), requiring inspection will not be allowed on a routine basis. Request to work on weekends and holidays must be received at the District's office with three (3) working days' advance notice. Approval from authorized District staff must be obtained prior to any O.T. work. The total cost of overtime inspection shall be at Permit Holders expense.
- 6.12 Measurements, Sampling, and Tests** – All measurements, tests, and analyses of the characteristics of water and wastes to which reference is made in this Ordinance shall be determined in accordance with the EPA Standard, 40 CFR Part 136, and latest edition of "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and shall be determined at said Control Manhole and shall be at the Owner's expense. In the event that no Control Manhole has been required, the Control Manhole shall be considered to be the nearest downstream manhole in the Public Sewer to the point at which the Building Sewer is connected.

Samples shall have a documented chain of custody and shall be performed at an appropriately licensed laboratory. A copy of the sample analysis from the laboratory shall be sent directly to the District as soon as it becomes available. All costs for inspections, pumping, sampling, analysis, or other maintenance shall be the responsibility of the property owner jointly with the user.

- 6.13 Reporting Requirements** – An annual report shall be completed by all permit holders and submitted to the district no later than January 15th of each year. Annual reporting shall consist of supporting documentation of all pretreatment equipment and/or processes used, maintenance performed, including pumping, haul off, physical inspection, repairs, sample analyses of characteristics of waste, flow measurements, and any other information required by the District or specified on the Permit.
- 6.14 Best Management Practices (BMPs)** – The Owner/Applicant is to develop and incorporate best management practices (BMPs) for their facility to minimize the required maintenance to pretreatment or other facilities required by the Permit as well as protect the District’s waste treatment facilities, water quality, and sewage sludge. Some examples of BMPs are as follows:
- a) All chemicals must be stored in a manner, method and location that ensure that there is no threat of discharge to the public sewer.
 - b) Ensure employees do not pour chemicals down sinks, toilets, or floor drains.
 - c) Hire a certified waste hauler to properly dispose of spent waste.
 - d) Properly label chemicals.
 - e) Develop a spill procedure and ensure employees are properly trained.
 - f) Develop a pest management plan to manage/limit pesticides used.
 - g) Limit irrigation run off.
- 6.15 Charges/Fees** - The District, by Ordinance and under the authority of the District Rules, Regulations and Ordinances as may be amended from time to time, will establish fees and charges required for implementation of the District’s Sewer Ordinance and specifically addressing this Section. Payment of all required fees must be received prior to any initial application, issuance, renewal or modification of an Industrial Waste Discharge Permit.
- 6.16 Enforcement** – In addition to the enforcement provisions set forth in Article XI, any person who violates any provision of this ordinance shall be liable for any and all costs, attorney fees, staff time, expert or consulting fees and other expenses incurred by the District in responding to the violations and/or enforcing this ordinance.