

INDUSTRIAL WASTE INSPECTOR I, II

DEFINITION

Under direction, performs inspections and sampling of industrial, commercial and domestic wastewater collection systems, private on-site treatment facilities, grease traps, and sand/oil traps; ensures compliance with Federal, State and local discharge regulations; assists with laboratory analysis of wastewater; and performs other related duties as required.

DISTINGUISHING CHARACTERISTICS

Industrial Waste Inspector I- this is the entry level class used to perform routine/simple industrial waste inspections and laboratory analysis. Incumbents are expected to learn to perform the more complex inspections.

Industrial Waste Inspector II- This is the full experienced or journey level class used to perform all types of industrial waste inspection and laboratory analysis.

REPRESENTATIVE DUTIES

The duties listed below are examples of the work typically performed by employees in this class. An employee may not be assigned all duties listed and may be assigned duties which are not listed below.

1. Inspects the operations, effectiveness and condition of equipment used in the control and removal of commercial and industrial wastes; reviews operating records.
2. Installs and calibrates sampling and/or monitoring equipment at appropriate locations; maintains and repairs sampling and monitoring equipment.
3. Measures volume and checks content of component, constituents of commercial and industrial waste discharges; takes samples of laboratory analysis.
4. Conducts analytical laboratory tests on field samples for the pretreatment program; assists laboratory staff with analytical testing of wastewater samples.
5. Determines the degree and extent of discharge compliance with regulations; advises plant managers and others concerning required conformance.
6. Conducts field investigations relative to wastewater plant upsets related to possible industrial discharge; performs investigation and monitoring of illegal discharges into the storm and waste water collection systems.
7. Reviews commercial and industrial construction plans for assessment of sewer connection fees and for additional requirements including pretreatment equipment and sewer service fees; reviews and recommends issuance of wastewater discharge permits.

8. Confers with and advises commercial and industrial customers regarding required effluent standards, pretreatment and equipment; answers public inquires, complaints and evaluates for sewer service fee adjustments; recommends rate of classification changes for commercial and industrial accounts.
9. Participates in joint enforcement teams with local, State and Federal agencies; issues citations to agencies in nonconformance with City of Porterville ordinances regarding discharge regulations.
10. Performs the duties of a Wastewater Treatment Facility Operator III on an as needed basis.
11. Represents and supports the policies and procedures established by the City Council, City Manger, Department Heads and Division Chiefs.

EMPLOYMENT STANDARDS

Education and/or Experience

Industrial Waste Inspector I- Completion of college coursework in biology, chemistry, and mathematics, and two years of analyzing wastewater and industrial discharges in a laboratory setting or operating wastewater treatment facility, or one year of experience inspecting and monitoring waste discharges or any combination of training and experience that provides desired knowledge and abilities.

Industrial Waste Inspector II- Completion of college coursework in biology, chemistry, and mathematics and two years of experience inspecting and monitoring waste discharges, or any combination of training and experience that provides the desired knowledge and abilities.

Knowledge of:

Both Classes- General principles and practice of wastewater treatment and wastewater collection systems, and the pretreatment of industrial and commercial wastes; waste stream sampling techniques, sampling preservation procedures and Standard Methods for analyzing and testing samples of industrial and/or commercial wastewater.

Industrial Waste Inspector II- Applicable laws, ordinances, codes and regulations related to industrial and commercial waste discharges; safe work methods and safety regulations pertaining to the work, i.e.; considerable knowledge in confined spaces entry, use of self-contained breathing apparatus, traffic control, and individual industry requirements with regard to safety.

Ability to:

Both Classes- Conduct detailed and accurate inspections and take representative samples of commercial and industrial facilities, using correct waste discharge sampling and testing techniques to ensure compliance with regulations; establish and maintain effective working relationships with those contracted to the course of the work; read and interpret construction drawings, plans, operational manuals and specifications; practice safe techniques in confined space entry and use of self-contained breathing apparatus.

Industrial Waste Inspector II- Work independently and to exercise sound judgment within general policy guidelines; maintain effective working relationships, particularly in difficult enforcement situations; interpret and apply complex laws, ordinances and regulations; explain hazards and consequences of violations and negotiate for compliance.

Special Requirements

Both Classes- Possession of or ability to obtain and maintain a valid California Drivers' License.

Possession of State Water Resources Control Board, Office of Operator Certification, Grade III, Wastewater Treatment Facility Operator certificate.

Industrial Waste Inspector I- Possession of a CWEA Grade I Industrial Waste Inspector certificate or obtainment within two years of appointment.

Industrial Waste Inspector II- Obtainment of CWEA Grade II Industrial Waste Inspector certificate within four years of appointment is desirable.

A CWEA or American Waste Works Association, California/Nevada (AWWA-CA/NV) Grade I Laboratory Analyst Certificate is desirable.

Physical Demands

Involves active physical work, but not prolonged heavy exertion; on feet most of the time involving bending, stooping, squatting, twisting, reaching, and working on irregular surfaces; frequent lifting of objects up to 25 lbs. with occasional lifting of objects weighing over 50 lbs; carrying of equipment and supplies; and occasional entry into confined spaces.

WORKING CONDITIONS

Frequent exposure to unpleasant elements such as dust, fumes and odors, dampness, raw sewage, high noise levels and hazardous materials such as: acids, solvents, and gases; and temperature fluctuations due to both seasonal extremes and working in and out of doors. Periodic contact with angry and upset individuals, and travel throughout the area is required.

May involve assigned and/or rotational shift work as well as mandatory overtime.

Date Adopted: August 6, 1996