SANITATION DISTRICTS OF LOS ANGELES COUNTY

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Information and Instructions for Obtaining an Industrial Wastewater Discharge Permit

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NOTE TO THE APPLICANT

This instruction booklet was developed to assist the applicant in preparing an adequate submittal to obtain an industrial wastewater discharge permit. Detailed instructions on how to prepare a complete permit submittal as well as all the necessary forms are included in sections 3 and 6 of the booklet. However, the applicant is strongly encouraged to read the other sections, as they contain valuable information concerning the Districts' permit review process and guidelines. Review of these sections is essential in the preparation of an adequate permit submittal, which will help the Districts expedite the issuance of the permit.

TABLE OF CONTENTS

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1. INTRODUCTION

The Sanitation Districts of Los Angeles County (Districts) are a group of special districts serving the wastewater and solid waste management needs of over five million people and 3,000 industrial users in Los Angeles County. The Districts were formed under the County Sanitation District Act, passed in 1923 by the California State Legislature. This Act provides for the formation of sewerage authorities based not on political boundaries but rather on the geographic boundaries of the waste disposal problems to be solved.

The agency is currently made up of 24 separate Sanitation Districts, serving all or parts of more than 80 cities and unincorporated areas within Los Angeles County. Although each District has a separate Board of Directors consisting of the presiding officers of the local jurisdictions within the District, all 24 Districts work cooperatively under the *Joint Administration Agreement*. This Agreement provides for a single, centralized administrative organization to coordinate the Districts' affairs.

The Districts currently own and operate eleven wastewater treatment plants which handle over 500 million gallons per day (mgd) of wastewater. Treated effluents from these facilities are either discharged to the ocean, surface waters or land, or are reused for applications such as landscape irrigation, groundwater recharge, and industrial processing. In addition to the treatment plants, the Districts operate and maintain over 1,200 miles of trunk sewers and 50 pumping plants for conveyance of wastewater.

The Districts adopted a *Wastewater Ordinance* effective April 1, 1972, as amended on July 1, 1980, July 1, 1983, November 1, 1989, and July 1, 1998 to protect and finance the operation of the Districts' wastewater conveyance, treatment, and disposal facilities. Individual Districts also adopted *Connection Fee Ordinances* in 1981 (which were amended in 1984, 1990, 1992, and 1997). Companies that discharge industrial wastewater to the sewerage system are governed by both the *Wastewater Ordinance* and the *Connection Fee Ordinance* for the District in which the discharge is located. These legal mechanisms establish the Districts' Industrial Wastewater Discharge Permit, Connection Fee, and Surcharge Programs. The Industrial Wastewater Discharge Permit Program allows for the regulation of industrial wastewater dischargers to protect the public health, environment, and the public sewerage system. The Surcharge Program requires all industrial companies discharging to the Districts' sewerage system to pay their fair share of the wastewater treatment and disposal costs. The Connection Fee Program requires all new users of the Districts' sewerage system, as well as existing users that significantly increase the quantity or strength of their wastewater discharge, to pay their fair share of the costs for providing additional conveyance, treatment, and disposal facilities.

1.1 Industrial Wastewater Discharge Permit Program

The *Wastewater Ordinance* requires any business that desires to discharge industrial wastewater to the Districts' sewerage system to first obtain an Industrial Wastewater Discharge Permit. The permit program provides a means for the Districts to protect sewerage facilities and personnel, the public and the environment through the regulation of industrial wastewater dischargers. Industrial wastewater 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 origin.

1.2 Companies Exempt From Obtaining an Industrial Wastewater Discharge Permit

Businesses that discharge only domestic wastewaters (wastewaters from restrooms, drinking fountains, showers, or air conditioners used for human comfort), or businesses that are determined to have an insignificant impact on the Districts' facilities (listed on page 2 as exempt companies), may not be required to obtain an Industrial Wastewater Discharge Permit. However, exemption from obtaining a Permit does not relieve a company of the responsibility to comply with conditions regulating prohibited and restricted waste discharges, or rainwater diversion requirements specified in the Districts'

Wastewater Ordinance. Businesses with no other industrial discharge that utilize a rainwater switch to divert rainwater from the sanitary sewer to the storm drain may be required to obtain a permit.

Exempt Companies:

The criteria listed below are to be used in determining if a facility is exempt from obtaining an Industrial Wastewater Discharge Permit. This determination is to be made only by Districts' personnel. Facilities determined by the Districts to have a potential adverse impact on the sewerage system may be required to obtain a permit.

1. All restaurants and hotels
2. Small food processing establishments with wastewater flows less than 500 gallons per day (Exception: facilities discharging excessive oil and grease, excessive dissolved sulfides or high-strength waste.)
3. All retail grocery stores (Exception: centralized food processing facilities for distribution to other grocery stores.)
4. All 1-Hour photo shops and small photo processing facilities (Exception: centralized film processing facilities.)
5. School and commercial laboratories
6. Medical and professional buildings (Exception: hospitals with overnight beds.)
7. All pet shops, animal kennels, animal hospitals and animal shelters
8. Warehouses
9. Auto dealers and auto repair shops (Exception: radiator shops.)
10. Car washes with flows less than six million gallons per year
11. All automotive service stations
12. Recreational vehicle dump stations
13. Other companies may be exempt as determined on a case-by-case basis

Exemption from the Districts' Industrial Wastewater Discharge Permit does not exempt a company from permit requirements imposed by the Los Angeles County Department of Public Works or the city in which the company is located (referred to as the local agency). The local agency should be contacted to determine if a permit is required. Building permits, plumbing permits, and sewer connection permits do not constitute Industrial Wastewater Discharge Permits and must be obtained separately. In fact, for construction of new industrial facilities, building permits cannot be obtained without first obtaining a Districts' Industrial Wastewater Discharge Permit.

A separate permit application must be filed for each connection to the public sewer that carries, or will carry, industrial wastewater. Whenever feasible, as determined by the Districts, consolidation of existing multiple connections from each individual discharger will be required. In general, the policy for existing industrial facilities is that additional permits for new sewer connections will not be granted; new wastewater discharges should be accommodated by obtaining a revised permit for the existing connection. For facilities which involve new construction, only one industrial wastewater connection to the public sewer will be allowed.

Industrial Wastewater Discharge Permits are not transferable from one company or person to another. Whenever a change in ownership of a business occurs, a new permit signed by a new company official must be obtained.

Industrial Wastewater Discharge Permits for facilities that have been designated to be Significant Industrial Users (SIUs) have a duration of active approval that does not exceed five (5) years. Each permit for an SIU will have a statement of duration or a specific date of expiration associated with the approval and issuance. In accordance with Federal regulations, the duration may not exceed five (5) years. A permit review/renewal process will be initiated approximately six (6) months prior to the expiration date to allow the permittee to prepare a formal permit application if necessary.

Specific step-by-step instructions for obtaining an Industrial Wastewater Discharge Permit are included in **Section 3** and all the necessary forms are included in **Appendix 6.1**.

1.3 Surcharge Program

State and Federal programs require that industrial companies discharging to publicly owned sewerage systems must pay their fair share of wastewater treatment costs. The *Wastewater Ordinance* provides a method whereby industrial companies calculate, based upon their own measurements, annual wastewater surcharge payments. Surcharge rates are determined for each fiscal year based upon the Districts' actual treatment costs.

In general, all industrial companies having a wastewater discharge to the sewerage system of over one million gallons during a fiscal year (July 1 to June 30) must file a Sanitation Districts' Wastewater Treatment Surcharge Statement. Companies having discharged under one million gallons of wastewater to the sewer during a fiscal year are considered to have discharged an insignificant quantity of wastewater and must file an Exemption Statement. All companies discharging between one and six million gallons per year of wastewater may file either a "Short Form" or "Long Form" surcharge statement. Companies which have high strength wastewater and discharge less than six million gallons per year may be required to file a "Long Form" surcharge statement. Companies which discharge more than six million gallons annually are required to file a "Long Form" surcharge statement. Each company which occupies one parcel of land, or multiple contiguous parcels of land, must file only one Surcharge Statement or one Exemption Statement, regardless of the number of discharge outlets that the company has in such parcel(s). The total wastewater flow volume, not the individual wastewater flow volume of multiple discharge outlets, should be used as the criteria for determining the applicability of filing an Exemption Statement (for under one million gallons per year) or a "Short Form" surcharge statement (for under six million gallons per year). "Long Form" dischargers are required to prepay the estimated surcharge in quarterly payments. The Surcharge Statement is due August 15 following the end of the fiscal year for both "Long Form" and "Short Form" companies.

1.4 Connection Fee Program

As of December 15, 1981, a Districts-wide Connection Fee Program was implemented to provide funds for future capital expenditures. This program requires all new users of the sewerage system, as well as existing users who expand their wastewater discharge by more than 25 percent, to pay a connection fee to the Districts based upon the quantity and the strength of their wastewater discharge. This connection fee applies to residential, commercial, and industrial discharges. For new facilities, the connection fee is to be paid prior to the time the facility is actually connected to the sewer or, in the case of expansions for existing facilities, at the time of expansion of the wastewater discharge. The initial fee purchases a baseline capacity entitlement for the permitted industrial connection. Companies that expand their wastewater discharge, such that the capacity is 25 percent greater than the baseline capacity, will be required to pay a connection fee for the increased discharge, thereby establishing a new baseline capacity entitlement.

For users obtaining permits at industrial sites within the Districts' service area, the baseline capacity usually has been established by the previous industrial user. Baseline entitlements remain with the site regardless of change of ownership. The only exception occurs when the original owner of the entitlement relocates to another site within the service area and is allowed to apply the capacity entitlement to the new site under the relocation credit provision of the *Connection Fee Ordinance*. Therefore, a new owner may incur a connection fee for an existing facility if the baseline capacity entitlement is not sufficient for the new production or has been relocated.

1.5 Self Monitoring Program

As a condition for approval of an Industrial Wastewater Discharge Permit, an applicant may be subject to participation in the Districts' Self Monitoring Program. This Program requires a company to furnish

chemical analyses of its industrial wastewater to the Districts on a regular basis. The type and frequency of tests to be performed are determined on a case-by-case basis depending upon the quality and quantity of the industrial discharge and are included as requirements in the Permit.

2. FEDERAL, STATE AND LOCAL REGULATIONS

2.1 Federal Effluent Limitations

Since June 26,1978, the Environmental Protection Agency (EPA) has developed regulations for pretreatment of industrial wastes discharged to publicly owned treatment works as required by the Clean Water Act. EPA has developed regulations for over twenty industrial categories which are based on the wastewater effluent quality that can be achieved using established treatment technologies. Specific regulations and effluent limitations are set for each industrial category. The following categories are currently regulated; however, the EPA may add or delete categories in the future. The Districts are required by law to administer EPA's pretreatment program. Further information regarding a specific category's regulations can be obtained by contacting the Districts' Industrial Waste Section.

EPA Categorical Companies

1. Aluminum Forming (40 CFR 467): EPA defines aluminum forming as "the deformation of aluminum or aluminum alloys into specific shapes by hot or cold working such as rolling, extrusion, forging, and drawing." Surface treatment and heat treatment of aluminum parts that are formed at the same plant site are subject to the Aluminum Forming Regulations and are not covered by the Electroplating and Metal Finishing regulations (40 CFR 413 & 433). Casting of aluminum that is subsequently formed at the same plant site is also subject to the Aluminum Forming Regulations. Discharge from the forming operation is not required to be subject to this regulation.

2. Battery Manufacturing (40 CFR 461): Battery manufacturing encompasses the production of modular electric power sources where all or part of the fuel is contained within the unit and electric power is generated directly from a chemical reaction rather than indirectly through a heat cycle engine.

3. Carbon Black Manufacturing (40 CFR 458): This category consists of facilities which manufacture carbon black by the furnace, thermal, channel or lamp processes. Only facilities which have been constructed or significantly modified since May 18, 1976 are regulated.

4. Centralized Waste Treatment (40 CFR 437): This category consists of facilities that receive wastes from off-site for treatment.

5. Coil Coating (40 CFR 465): EPA regulations state that "Coil coating consists of that sequence or combination of steps or operations which clean, surface or conversion coat, and apply an organic (paint) coating to a long thin strip or coil of metal."

6. Can Making (40 CFR 465): This classification is a subcategory of coil coating and has been defined to be "the process or processes used to manufacture a can from a base metal, including aluminum and steel." This category applies to seamless cans only.

7. Copper Forming (40 CFR 468): This category regulates discharges resulting from the manufacture of formed copper and copper alloy products. The forming operations covered are hot rolling, cold rolling, drawing, extrusion, and forging. Ancillary operations which include surface treatment (pickling, tumbling, burnishing, alkaline cleaning, and surface milling), heat treatment, hydrotesting, sawing, and surface coating with molten metal are

also covered by this regulation. Discharge from the forming operation is not required to be subject to this regulation.

8. Electrical and Electronic Components (40 CFR 469): This category consists of all operations associated with the manufacturing of semiconductors, electronic crystals, cathode ray tubes, and luminescent materials except for sputtering, electroplating, and vapor plating operations.

9. Electroplating (40 CFR 413): This category consists of electroplating, anodizing, conversion coating, electroless plating, chemical etching and milling, and the manufacturing of printed circuit boards. This category applies to existing job shops only.

10. Fertilizer Manufacturing (40 CFR 418): This category applies to discharges from the manufacture of sulfuric acid, nitric acid (in concentrations up to 68%), ammonium sulfate by the synthetic process or by coke oven byproduct recovery, and mixed and blend fertilizers. It is only applicable to sulfuric and nitric acid manufacturing processes that have been constructed or significantly modified since December 7, 1973 and ammonium sulfate and mixed and blend fertilizer manufacturing processes that have been constructed or significantly modified since October 7, 1974.

11. Glass Manufacturing (40 CFR 426): This category consists of manufacturers of glass containers, television picture tubes, incandescent lamp envelopes, and hand pressed and blown glass. Only facilities which have been constructed or significantly modified since August 21, 1974 are regulated.

12. Ink Formulating (40 CFR 447): This category applies to discharges resulting from the formulation of oil-base ink where the tank washing system uses solvents. It is only applicable to processes that have been constructed or significantly modified since February 26, 1975.

13. Inorganic Chemicals Manufacturing (40 CFR 415): This category includes facilities involved in the manufacture of basic inorganic chemicals including alkalies and chlorine, industrial gases, and inorganic pigments.

14. Iron and Steel (40 CFR 420): This category covers steel works, blast furnaces (including coke ovens), rolling mills, electrometallurgical products, steel wire drawing and facilities which produce steel nails and spikes, and steel pipes and tubes. This category does not include coil coating operations.

15. Leather Tanning and Finishing (40 CFR 425): This category consists of the tanning, currying, and finishing of hides and skins into leather.

16. Metal Finishing (40 CFR 433): This category consists of electroplating, anodizing, conversion coating, electroless plating, chemical etching and milling, and the manufacturing of printed circuit boards. This category applies to captive shops (owns 50 percent or more of the surface area finished), and all new source electroplating and metal finishing operations (those which began construction after August 31, 1982).

17. Metal Molding and Casting (40 CFR 464): This category consists of the pouring or injection of molten metal into a mold with the cavity of the mold representing, within close tolerances, the dimensions of the final product. This category includes aluminum, copper, ferrous, and zinc casting.

18. Nonferrous Metals Manufacturing (40 CFR 421): This category consists of plants that process nonferrous ore concentrates (primary) and scrap metals (secondary) to recover and increase the metal purity contained in these materials.

19. Nonferrous Metals Forming (40 CFR 471): This category consists of the deformation of a metal (other than iron) or metal alloy (other than iron as the major component by weight) into specific shapes by hot or cold working, drawing, cladding and tube reducing.

20. Organic Chemicals, Plastics, and Synthetic Fibers (40 CFR 414): This category consists of facilities which manufacture organic chemicals, plastics, or synthetic fibers. Companies which simply formulate or package these materials are excluded.

21. Paint Formulating (40 CFR 446): This category applies to discharges resulting from the formulation of oil base paint where the tank cleaning is performed using solvents. It is only applicable to processes that have been constructed or significantly modified since February 26, 1975.

22. Paving and Roofing Materials (40 CFR 443): This category consists of producers of asphalt paving and roofing emulsions, asphalt concrete, asphalt roofing materials, and linoleum and asphalt felt floor coverings. It is only applicable to facilities that have been constructed or significantly modified since January 10, 1975.

23. Pesticide Chemicals (40 CFR 455): This category includes the manufacturing, formulating, packaging, and repackaging of pesticides.

24. Petroleum Refining (40 CFR 419): This category includes operations which produce gasoline, kerosene, distillate fuel oils, residual fuel oils and lubricants, through fractionation or straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking or other processes.

25. Pharmaceutical Manufacturing (40 CFR 439): This category includes pharmaceutical manufacturing facilities which may use fermentation, extraction, chemical synthesis, mixing/compounding and formulation, or may conduct research.

26. Porcelain Enameling (40 CFR 466): EPA defines porcelain enameling as "that sequence or combination of steps or operations which prepare the metal surface and apply a porcelain or fused silicate coating to the metal basis material."

27. Pulp, Paper, and Paperboard and the Builders' Paper and Board Mills (40 CFR 430 and 40 CFR 431): This category includes pulp mills, paper mills, paperboard mills, and building paper and building board mills.

28. Rubber Manufacturing (40 CFR 428): This category consists of manufacturers that reclaim rubber or mold, extrude, or fabricate rubber products, including latex products. It is only applicable to facilities that have been constructed or significantly modified since August 23, 1974.

29. Soap and Detergent Manufacturing (40 CFR 417): This category consists of facilities which blend or package liquid detergents or manufacture dry detergents by spray drying, drum drying, or dry blending. Only facilities which have been constructed or significantly modified since December 26, 1973 are regulated.

30. Steam Electric Power Generation (40 CFR 423): This category is composed of facilities that are engaged in the generation of electricity for distribution and sale, and use either fossil-

type fuel (coal, oil, or gas) or nuclear fuel in conjunction with a thermal cycle that has a steam/water thermodynamic medium.

31. Textile Mills (40 CFR 410): This category applies to the fiber preparation and manufacturing/processing parts of the textile industry.

32. Timber Products (40 CFR 429): This category consists of a diverse group of manufacturing plants whose primary raw material is wood and whose products range from finished products to hardboard and preserved wood.

2.2 Districts' Effluent Limitations

In addition to implementation of EPA limits, the Districts also enforce a set of local limits (Phase 1) and Ordinance requirements for all companies discharging to the Districts' sewerage system. These limits are applicable to all wastewater dischargers and may not be exceeded at any time. Stricter limits may be applied for any of the Phase I parameters or additional limits may be set on a case-by-case basis to protect the public or the Districts' sewerage facilities. Examples of additional constituents which may be limited include, but are not restricted to, total dissolved solids (TDS), high pH, thiosulfate, ammonia, benzene, mercaptans, fluoride, surfactants, toxic organics, and oil and grease. Local limits are reviewed on an ongoing basis to determine if revisions are necessary to meet Local, State and Federal regulations. In addition, the *Wastewater Ordinance* (Section 406) contains a comprehensive list of prohibited wastes which must not be discharged to the Districts' sewerage facilities in any amount. Examples include, but are not limited to, flammable, corrosive, odorous, highly colored, foam-generating, and highly concentrated solid materials.

Sanitation Districts' Phase 1 Limits

Parameter	Maximum Allowable Concentration at any time, mg/l
Cyanide (Total)	10
Arsenic	3
Cadmium	15
Chromium (Total)	10
Copper	15
Lead	40
Mercury	2
Nickel	12
Silver	5
Zinc	25
*TICH	Essentially None

*Total Identifiable Chlorinated Hydrocarbons include such pesticides as aldrin, dieldrin, chlordane, DDT, endrin, hexachlorocyclohexane, toxaphene and PCBs.

Numerical Requirements Listed in the Districts' *Wastewater Ordinance*

1. The pH of the wastewater discharged shall not be below 6.0 at any time.
2. The dissolved sulfide concentration of the wastewater shall not exceed 0.1 mg/l at any time.
3. The temperature of the wastewater shall not exceed 140^0 F at any time, and shall not cause the wastewater influent to a Districts' treatment plant to exceed 104^0 F.

2.3 Hazardous Materials and Hazardous Wastes Management Requirements

If your facility handles hazardous materials, you may be subjected to Local, State and Federal reporting requirements for hazardous material storage, emergency response, community right-to-know and routine release to the three media of the environment, including sewer discharge. For further

information, please contact your local Administrative Agency, which is usually the hazardous materials section of your local fire department.

If your facility generates, stores, treats or disposes of hazardous wastes, you may be subjected to various Local, State and Federal requirements for the control of hazardous wastes. For more information, please call the Los Angeles County Fire Department Health and Hazardous Materials Division 323-890-4045. (For facilities in Long Beach, Pasadena and Vernon, please call the hazardous waste section of your local health department.)

Some of the hazardous waste control requirements are as follows:

- If you are a major generator of hazardous wastes, you may need to obtain a U.S. EPA Identification number by filing a Notification Form of Hazardous Waste Activity. For a copy of the form, please call the State Department of Toxic Substances Control at 916-324-1781. As a generator, you may also be subjected to the requirement for reducing your generation of hazardous wastes under the Hazardous Waste Source Reduction and Management Review Act (SB 14, Roberti). For further information, please contact the regional offices of the Department of Toxic Substances Control at 818-551-2800 (Glendale) or 714-484-5300 (Cypress) and ask for the duty officer.

  If you treat any hazardous wastes, including hazardous wastewater in your industrial wastewater pretreatment system for discharge to the sewer system, you may be required to obtain a Treatment, Storage or Disposal Facility permit from the State Department of Toxic Substances Control. However, there is a simplified procedure called the Permit-By-Rule program, in which you are deemed to have a permit after you have filed a notification form and fulfilled certain standard requirements. For further information, please call the regional offices of the Department of Toxic Substances Control listed above.

- If your wastewater discharge to the sewer can be considered as hazardous waste under federal regulations, you may be required to notify the Districts of this discharge of hazardous waste to the sewer. You can request the Notification Report of the Discharge of Hazardous Wastes form by calling the Districts' Industrial Waste Section at 562-699-7411 x2900. (This federal requirement is to help inform a sewer agency that hazardous wastes are being discharged to its system and let the individual sewer agency decide if these hazardous waste discharges need be regulated. Federal regulations presently exclude industrial wastewater discharges to a sewer agency for combined domestic and industrial wastewater treatment from being defined as hazardous waste. Please note that this exclusion applies only to the actual wastewater discharge. It does not exclude industrial wastewater from being considered hazardous waste while it is being collected, stored or treated before discharge to the sewer, nor does it exclude sludge that is generated by industrial wastewater treatment.)

2.4 Waste Minimization

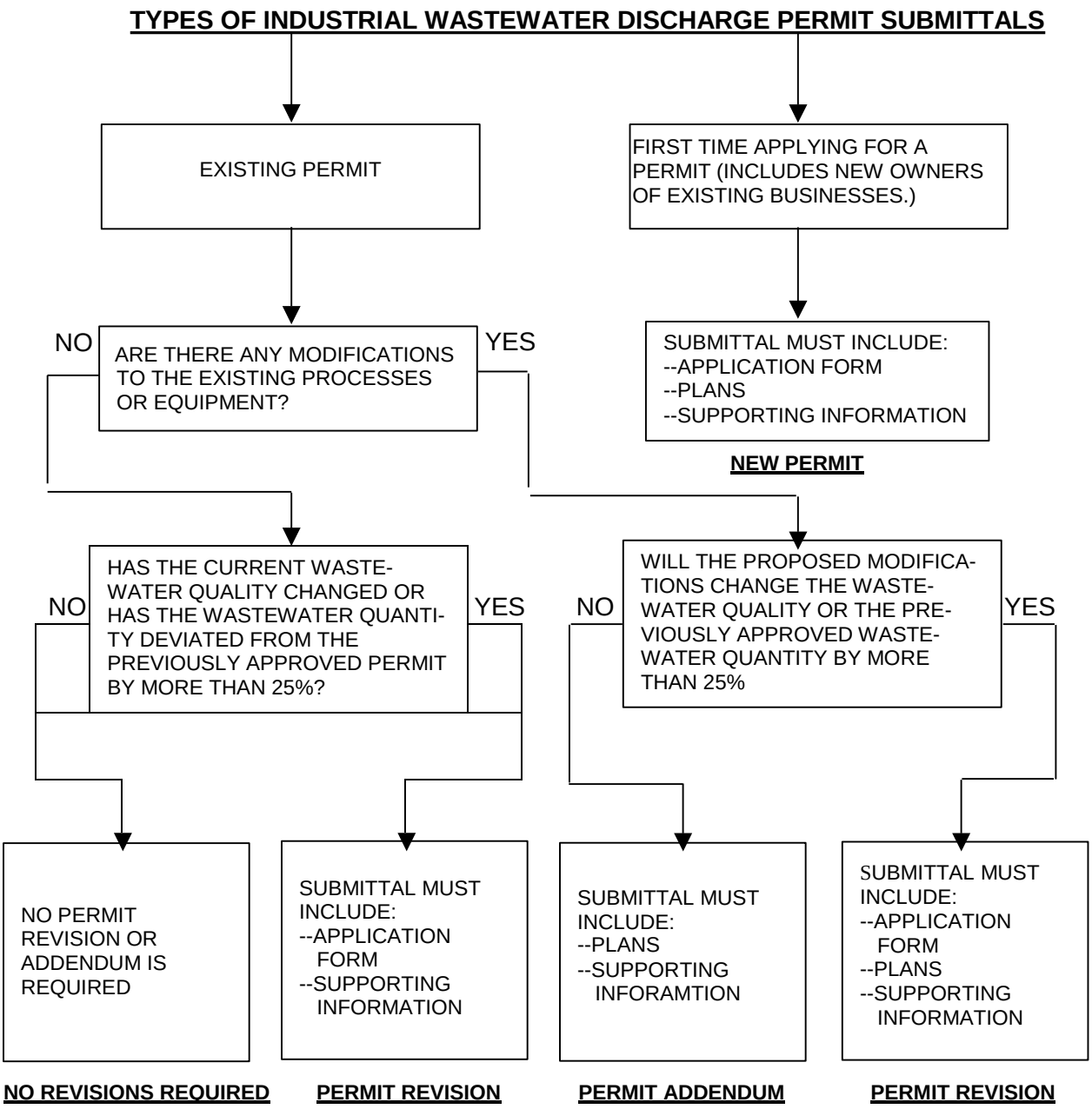
The Districts are requiring a waste minimization plan to be submitted with every new permit or permit revision (see Section 3.3). Conventional waste management activities for industrial users have largely focused on treatment, control and disposal, and to a lesser extent on recycling. EPA and other regulatory agencies have started to reevaluate these activities with the consensus that end-of-pipe pollution controls are not enough. This shift in emphasis is the direct result of the continued release of significant amounts of wastes containing toxic constituents to the air, land and water despite stricter pollution controls and skyrocketing waste management costs. Because of the increasing evidence of the environmental and economic benefits associated with reducing waste at the source rather than managing such waste after it is produced, programs related to waste reduction are underway at the Local, State and Federal levels. Economic benefits realized from source reduction include cost savings from pollution control facilities that do not have to be built, reduced operating costs for pollution control facilities, and reduced manufacturing costs and retained sales of products that might otherwise have

been taken off the market as environmentally unacceptable. Industrial source reduction can be accomplished through input substitution, product reformulation, process modification, improved housekeeping, and on-site, closed-loop recycling. Additional information regarding waste minimization programs and available source reduction methods can be obtained by contacting the Districts' Industrial Waste Section at (562) 6999-7411, extension 2900.

3. INSTRUCTIONS FOR APPLYING FOR AN INDUSTRIAL WASTEWATER DISCHARGE PERMIT

In order for the Districts to properly evaluate and process an Industrial Wastewater Discharge Permit, it is essential that the applicant provide a complete and adequate permit submittal. The instructions that follow provide a list of the items that must be included in the submittal as well as a summary of current guidelines and policies that must be taken into consideration when preparing the submittal. **The complete permit submittal must then be sent to the local agency** (the local city or the Los Angeles County Department of Public Works) for initial processing prior to Districts' review. Contact the applicable local agency for the appropriate permit processing fee that may be required. A listing of the local agencies is presented in Table 1, and their addresses are shown in Appendix 6.4. County contract cities are those cities which contract with the Los Angeles County Department of Public Works for sewerage services. Companies located within the contract cities or unincorporated areas of the County should send permit submittals to the Los Angeles County Department of Public Works.

The permit submittal can be conceived as being composed of three main parts: 1) Permit Application Form, 2) Plans, and 3) Supporting Information.



***NOTE: a new permit is required for a change in ownership. However, plans may NOT be required if already on file and still accurate.**

3.1 Permit Application Form

All first-time applicants must submit a completed permit application form. A company with an existing permit that is proposing modifications which will change the previously approved wastewater discharge by more than 25 percent will be required to apply for a permit revision. A permit revision request must also include a completed permit application form. Proposed modifications which will not change the wastewater quality or the previously approved wastewater quantity by more than 25 percent will be processed as an addendum to the existing permit and will not require a permit application form.

The permit application form can be found in Appendix 6.1 and line-by-line instructions are presented on Pages 11, 12 and 13.

Line-by-Line Instructions for Completing the Permit Application Form

Line 1: Sewer Connection Category

Check the appropriate category. Please indicate whether the proposed discharge is to an existing public sewer connection or if a new industrial wastewater connection is required.

Line 2: Company Name

The legal name of the company responsible for the wastewater to be discharged must be indicated on line 2. The contractor, plumber, or consultant must not be listed.

Line 3: Type of Business Entity

On line 3 the appropriate box indicating the type of business entity must be checked. If the applicant is a corporation, the legal name of the corporation, year of incorporation, state of incorporation, and the corporate state identification number must be listed. If the applicant is a partnership, indicate the name of the partnership and list the names of the individual partners. If the applicant is a sole proprietor, indicate the name of the sole proprietor and also list the names of all the businesses which the sole proprietor operates.

Lines 4 to 6: Company Address and Point of Discharge

Provide the situs address of the wastewater-producing facility on line 4. The mailing address of the applicant should be provided on line 5. On line 6, specify the point of connection to the public sewer by using the sewer station number, distance from nearest street intersection, or any other means of identification.

Line 7: Length of Occupancy

Indicate the number of years the applicant has been in business at the location indicated on line 4. If the applicant has yet to occupy the facility, please indicate this and continue on to line 8.

Line 8: Property Owner

On line 8 indicate the name of the property owner of the location indicated on line 4. Also list the address and phone number where the property owner can be contacted.

Line 9: Assessors Map Book, Page, and Parcel Number

This number is the property identification number of the facility producing the wastewater. The property identification number is the same as that used by the County Tax Assessor and should be identical to that shown on the annual property tax bill. These identification numbers consist of a four-digit number followed by two three-digit numbers (for example, 8115-004-906). For additional help see the Assessors' website at http://assessormap.co.la.ca.us.

Line 10: Type of Industry

Give a general description of the type of business the applicant operates. The Federal Standard Industrial Classification (SIC) Number(s) must be provided. This number is obtained from the Federal Standard Industrial Classification Manual, which may be found in the offices of your local city, Los Angeles County Department of Public Works, at the Districts' office or by assessing the website at http://www.osha.gov/pls/imis/sicsearch.html.

Line 11: Number of Employees

Indicate the total number of full-time and part-time employees.

Lines 12 to 14: Description of Operation

Provide a brief description of the types and quantities of the major raw materials used at the facility and of the products produced on lines 12 and 13. On line 14 give a full and detailed description of all the operations that take place at the facility (especially those that generate the wastewater to be discharged). A more complete and comprehensive description of the raw materials, produced products, and process operations may need to be submitted as additional information in an accompanying letter.

Line 15: Time and Days of Discharge and Number of Shifts Per Day

Indicate the appropriate time, shifts and days of the proposed wastewater discharge. If the time and days of wastewater discharge do not coincide with the working hours, this must be discussed in an accompanying letter.

Line 16: Wastewater Flow Rate

Provide the average industrial wastewater flow rate in gallons per day. For existing facilities, please provide copies of the most recent twelve (12) months of water bills for the facility and complete **Form B** in Appendix 6.1. The water bills will be used to verify the reported flow rate. Companies that have an approved effluent wastewater flow measurement system must provide totalizer readings for the last twelve (12) months and must indicate the totalizer units (e.g., hundreds of gallons). The peak flow rate (in gallons per minute) must also be provided on line 16. This is the rate at which wastewater is discharged to the public sewer during the single highest 5-minute discharge period. Estimates will be acceptable for new facilities only.

Line 17: Constituents of Wastewater Discharge

Give a general description of the materials or chemicals which may be present in the industrial wastewater discharge. For existing facilities, chemical analyses of the wastewater by a State certified or Districts-approved laboratory must be furnished. Such analyses must include values for COD (chemical oxygen demand), SS (suspended solids), pH, and any other chemicals associated with the raw materials used at the facility. New companies which are not yet generating wastewater must submit estimates for these parameters.

Line 18: Industrial Wastewater Contact

Print the name, position, and telephone number of a company official who has working knowledge of the operations producing the wastewater, is responsible for the industrial wastewater discharge, and may be contacted for further information. If someone other than the individual listed on line 18 is to be the contact person for permit processing purposes, such as a contractor, plumber or consultant, the permit processing contact person should be specified in an accompanying letter.

Line 19: Signature

This permit application form must be signed and dated by a company administrative officer such as the president or vice president of the company. The signature of a contractor, plumber, or consultant will not be acceptable.

Lines 20 and 21: Approval Signatures

The local sewering agency (the local city or the Los Angeles County Department of Public Works) must sign and date the permit application before review and approval by the Districts. The signatures of both the local agency and the Districts are required to establish a valid Industrial Wastewater Discharge Permit.

3.2 Plans

All companies applying for an industrial wastewater discharge permit or amending a current permit must submit adequate plans. An exemption from submitting plans may be allowed if the facility has previously had an Industrial Wastewater Discharge Permit and there are adequate and valid plans on file with the Districts. **This can only be allowed if there have been no changes in the facility, process or pretreatment equipment from that depicted on the previously approved plans.**

The plans submitted must have sufficient quality to reproduce clearly. All drawings submitted must have good contrast, clear background and legible labeling. Moreover, the drawings shall have minimum dimensions of 11 inches by 17 inches and maximum dimensions of 30 inches by 42 inches.

TABLE 1 – Number of Sets of Plans Required

Non-Contract Cities (1 set of plans required)

Alhambra
Arcadia
Azusa
Baldwin Park
Bell
Beverly Hills
Bradbury
Claremont
Compton
Covina
Downey
El Monte
El Segundo
Glendora
Hawthorne
Hermosa Beach
Huntington Park
Industry
Inglewood
Lancaster
Long Beach
Los Angeles
Lynwood
Manhattan Beach
Maywood
Monrovia
Montebello
Palmdale
Palos Verdes Estates
Pasadena
Pomona
Redondo Beach
Rolling Hills
San Gabriel
San Marino
Santa Fe Springs
Sierra Madre
Signal Hill
South El Monte
South Gate
South Pasadena
Torrance
Vernon
West Covina
Whittier

County Contract Cities (1 set of plans required)

Artesia
Bellflower
Bell Gardens
Carson
Cerritos
Commerce
Cudahy
Culver City
Diamond Bar
Duarte
Gardena
Hawaiian Gardens
Irwindale
Lakewood
La Mirada
La Puente
La Verne
Lawndale
Lomita
Monterey Park
Norwalk
Paramount
Pico Rivera
Rancho Palos Verdes
Rolling Hills Estates
Rosemead
San Dimas
Santa Clarita
Temple City
Walnut
West Hollywood

One (1) set of plans required for Unincorporated County Areas and Inland Empire Utilities Agency (unless specified otherwise)

A. Required Plans

For companies required to submit plans, the following should be provided:

1. Sewerage Plan

The applicant must provide a wastewater sewerage plan, drawn to scale, that shows sewers and associated facilities for the handling of industrial wastewater from the point of origin to the connection to the public sewer. All processes generating wastewater must be identified and all sewers, floor drains, trenches and sinks must be indicated on the plan. The sewerage plan must also show sanitary lines from restrooms, drinking fountains and other nonindustrial wastewater sources. Finally, the plans must show the location and number of incoming water meters in the facility. It is a Districts' requirement that all sanitary lines at a facility must be kept separate from industrial process flows until after the industrial wastewater has passed through all pretreatment facilities, monitoring devices and flow measuring systems. An example of a sewerage plan is presented below in Figure 1.

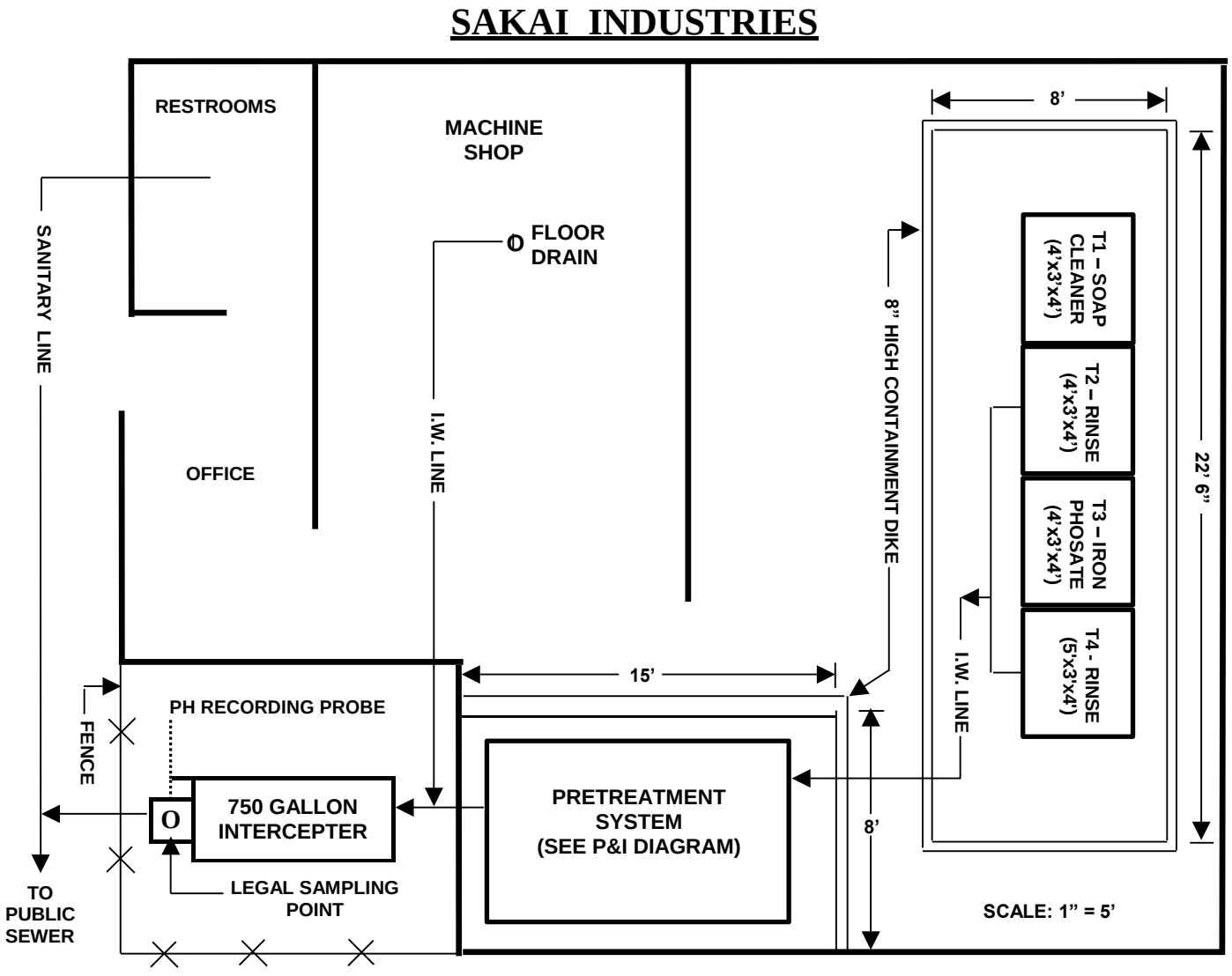
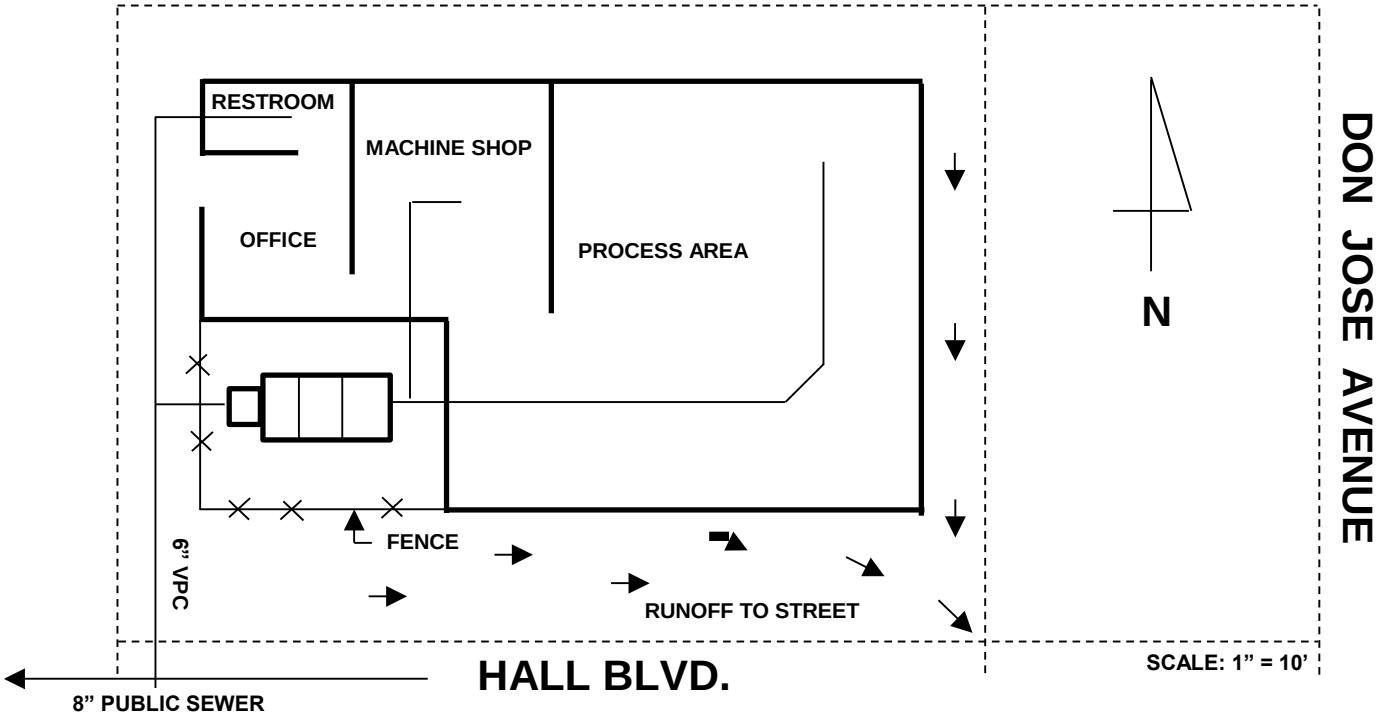


FIGURE 1: SAMPLE SEWERAGE PLAN

2. Plot Plan

A plot plan of company property, drawn to scale, showing adjacent named streets and a properly oriented north arrow must be provided. The method of disposal of rainwater runoff should be stated and shown in the plan. Grading, drainage or direction of storm runoff must be shown. Plant sewer lines and the connection to the public sewer should also be included. A sample plot plan is shown below in Figure 2.



SAKAI INDUSTRIES
123 HALL BLVD.
PLAYA LINDA, CA 90000

FIGURE 2: SAMPLE PLOT PLAN

3. Plans of Pretreatment and Monitoring Facilities.

Detailed plans of all wastewater pretreatment and monitoring facilities must be furnished. These should include plan and section views of the pretreatment system, design data, catalog cuts, and sizes of tanks, reactors and other equipment involved. A flow schematic must also be submitted for pretreatment systems with more than one unit process. A sample pretreatment system diagram is shown below in Figure 3.

The Districts require pretreatment systems to be designed to consistently remove the types of pollutants generated by the company's wastewater-producing operations to levels which meet any applicable Federal or Local limitations. For most industrial facilities, the minimum required pretreatment consists of a three-compartment, gravity separation interceptor (clarifier) and a sampling box. The interceptor must provide at least 30 minutes of detention time based on the

peak wastewater discharge rate and have a minimum capacity of 500 gallons. It must be properly baffled to prevent sand, grit, oil and grease from entering the sewer. The sampling box must be suitable for obtaining grab or continuous wastewater samples. It must be located downstream of all sources of industrial wastewater and of any pretreatment equipment, and must not collect any sanitary wastes. In addition, the sampling box must be located in a secure area of the facility, away from traffic and production activity. Finally, each permitted industrial sewer outfall may only have one sampling box, except as required by federal regulations. Both the interceptor and the sampling box must be constructed with a structurally sound material. It is the permittee's responsibility to adopt the proper precautions (e.g., double containment, coating, etc.) to prevent the contamination of the surrounding soil or groundwater. Copies of the County Engineer Standards for interceptor and sampling box are shown in Appendix 6.2 and Appendix 6.3.

Additional required pretreatment facilities may include pH neutralization, clarification, flocculation, dewatering, or other more extensive facilities. Any pretreatment systems judged by the Districts to require engineering design shall have plans prepared, stamped and signed by an engineer of suitable discipline registered in the State of California.

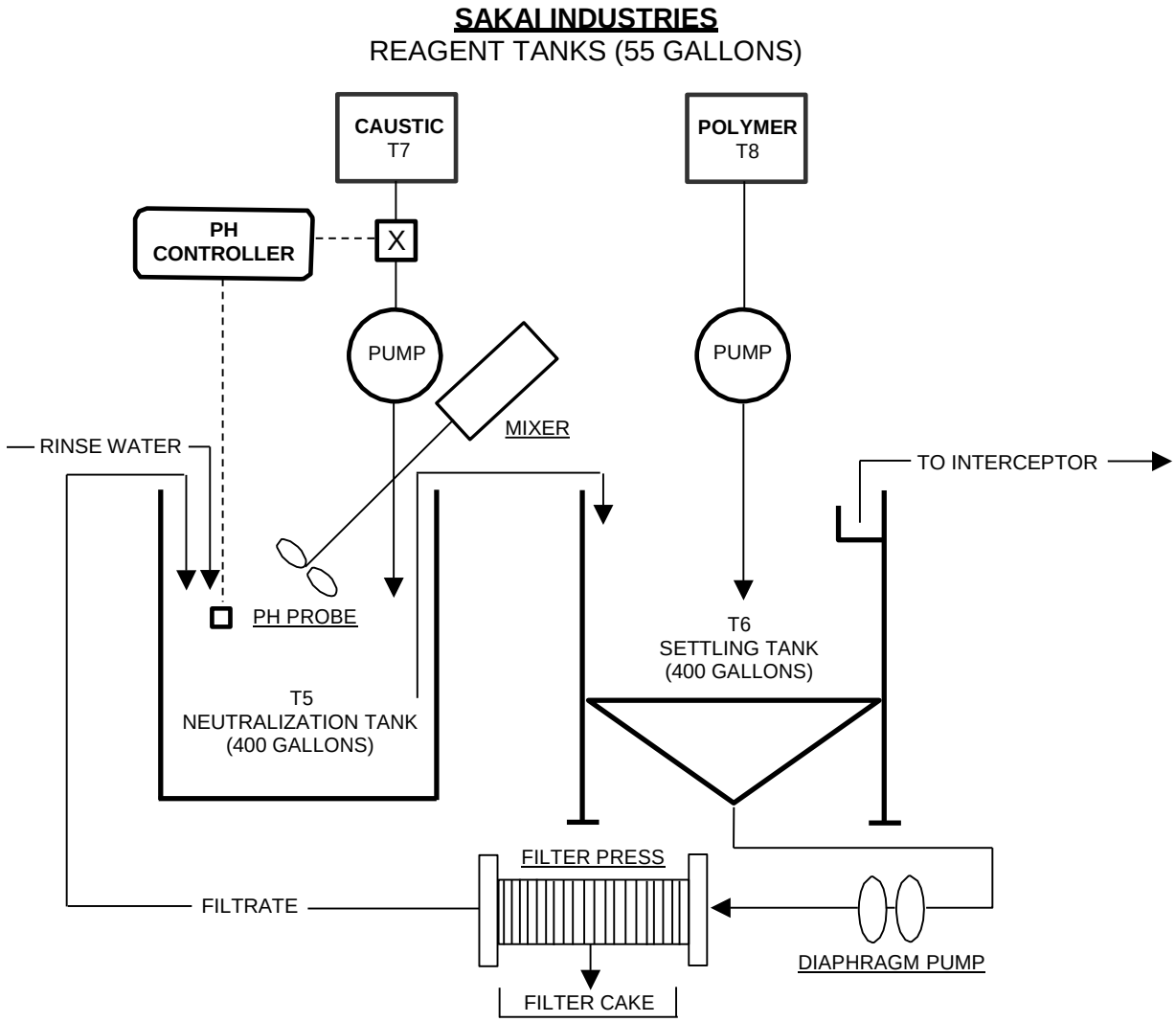


FIGURE 3: SAMPLE PRETREATMENT SYSTEM P&I DIAGRAM

B. Additional Plans

Whenever applicable, additional plans must be provided according to the following specific policies and guidelines:

1. Spill Containment Systems.

   Companies that store or use cyanide, heavy metals, acids, toxic organics and/or flammable substances may be required to install spill containment systems as required in the Districts' Slug Discharge and Spill Containment Policy. Such dischargers must provide spill containment systems for all applicable tanks to prevent toxic materials from entering the sewer. The applicant must submit plans and calculations (refer to **Form C** in Appendix 6.1) that indicate the means of preventing the discharge of toxic materials to the sewer in the event of failure, leakage or accidental overflow of storage or treatment tanks or process equipment. The plans must show plan and elevation views of the spill containment system specifying the dimensions and height of all diking, the volume and contents of the tanks enclosed, and the location of all floor drains, wastewater piping, interceptors or any other wastewater pretreatment facilities. Diked volume must exceed the volume of the largest enclosed tank plus six inches of rainfall (if the area is outdoors). Contact the Districts' Industrial Waste Section at (562) 699-7411, extension 2900 for the complete Spill Containment Policy or access it from the Districts' website at http://www.lacsd.org/iw/spill.htm.

2. Flow Measurement Systems.

   The Districts require companies having a total discharge of 50,000 gallons or more per day or a peak flow over 100 gallons per minute to install, calibrate and maintain flow measurement systems that are capable of continuously recording effluent flow rates. Companies that have unmetered sources of water supply, excessive/undocumented non-sewered losses, or highly fluctuating wastewater discharge flows may also be required to install flow measurement systems.

   The flow measurement system should be an open-channel design (e.g. flume, weir, etc.). Closed-pipe flow measurement systems (e.g. turbine, magnetic, etc.) will only be accepted if an open-channel flow measurement system is physically impractical to install and if an open-channel primary element, or another primary element accepted by the Districts, is also installed as a back-up device.

   The flow measurement system may also serve as a suitable wastewater sampling point provided it is located downstream from all pretreatment operations. The system should be installed in a secure area of the facility away from traffic and production activity, and as close as possible to the public sewer.

   Plans for flow measurement systems are required to be prepared and signed by an engineer of suitable discipline licensed by the State of California. Contact the Districts' Industrial Waste Section at (562) 699-7411, extension 2900 for a complete Flow Monitoring Requirement Policy or access it from the Districts' website at http://www.lacsd.org/iw/flow.htm.

3. Rainwater Management.

   Discharge of rainwater to the Districts' sewerage system is prohibited without prior approval. The Districts require that all processing areas be properly roofed and graded to prevent any storm runoff from entering into the public sewer. The Districts may accept the installation of automatic rainwater diversion systems in situations where the company proves that it is unfeasible

to roof or completely segregate from the sewerage system an area exposed to rainwater intrusion. The applicant must provide a detailed grading plan that shows the direction of storm runoff and the system that will divert rainwater from the sewerage system after 0.1 inch of rainfall. Plan and section views must indicate the specifications of the rainwater diversion device, and of the pumps, sumps and piping involved in diverting rainwater away from the sewerage system. (Full instructions regarding the discharge of rainwater to the sewerage system can be found in the Districts' Guidelines for the Discharge of Rainwater, Stormwater, Groundwater, and other Water Discharges). Contact the Districts' Industrial Waste Section at (562) 699-7411, extension 2900 for a complete Rainwater Policy or access it from the Districts' website at http://www.lacsd.org/iw/Rain.htm.

4. Combustible Gas Monitoring Systems.

Industries which are considered to be significant potential dischargers of flammable substances are required to install, operate and maintain an adequate combustible gas monitoring system. This requirement applies to:

a. All petroleum refineries;

b. Gasoline storage/transfer facilities, chemical manufacturing plants, and oil and gas extraction facilities having industrial wastewater discharges of 25,000 gallons or more on any one day; and

c. Any other facility that, upon evaluation with respect to wastewater-producing operations, discharge flow volume, type and quantity of materials being used, stored, or produced, is determined to be a potential discharger of flammable substances.

These industries must submit drawings of the combustible gas monitoring system for the Districts' review prior to installation. The drawings shall show locations, dimensions and specifications of the detector/sensor head assembly and control unit, details of both the upstream and downstream piping, the means of diverting the flow to an appropriate storage facility, and the capacity of the storage system. Manufacturer's catalog cuts, specifications and data sheets shall also be included with the required drawings. Complete information regarding combustible gas monitoring systems is found in the Districts' Combustible Gas Monitoring System Guidelines. Contact the Districts' Industrial Waste Section at (562) 699-7411, extension 2900 or access it from the Districts' website at http://www.lacsd.org/iw/combustg.htm.

3.3 Supporting Information

In order to facilitate the permit review process, the applicant must furnish additional information to supplement the application and plans submitted. **As a minimum, all submittals must include items A through D (as described below)**. It is the applicant's responsibility to determine what other supporting information must be provided (refer to items E through N).

A. Applicant's Questionnaire **(Form A)**

All submittals must include the questionnaire in Appendix 6.1 **(Form A)**. This questionnaire requests specific information that will be essential in the evaluation of the submittal. The questionnaire will also aid the applicant in determining all the supporting information that needs to be included with the submittal.

B. Estimation of Industrial Wastewater Discharge Flow **(Form B)**

The industrial wastewater discharge flow rate listed on the permit application must be estimated as accurately as possible. All existing companies must complete and submit the "Calculation of Industrial

Wastewater Discharge Flow Rate Form" **(Form B)** in Appendix 6.1. Companies not yet in operation must submit supporting information that justifies the industrial wastewater discharge flow rate listed on the permit application. Companies with a Districts' approved effluent wastewater flow measurement system must provide totalizer readings for the last twelve (12) months.

C. Tank Schedule and Spill Containment Calculations **(Form C)**

The applicant must complete and submit the tank schedule form in Appendix 6.1 **(Form C)** to describe the contents, dimensions and specifications of all tanks used in the process and pretreatment areas. Each tank must be numbered to correspond with the tanks shown on the plans. The applicant must also include detailed calculations that indicate that adequate spill containment is provided for those tanks that contain liquid solutions of acids, cyanide, heavy metals, and other restricted materials. The containment system must have enough capacity to contain the largest tank plus six (6) inches of rain (in the event that the containment system is located outdoors). Finally, the spill containment system must not have valves, gates or openings of any kind.

D. Check List **(Form D)**

The applicant must complete and submit the check list **(Form D)** in Appendix 6.1. The check list will help both the applicant and the Districts determine the completeness of the Industrial Wastewater Discharge Permit submittal.

E. Waste Minimization Plan

1. Any permittee required to prepare a Source Reduction Plan (Plan) and Hazardous Waste Source Reduction and Management Report (Report) under the Hazardous Waste Source Reduction and Management Review Act of 1989 (SB 14), [Article 11.9 of Chapter 6.5 of Division 20 of the Health and Safety Code, commencing with section 25244.12. Title 22, Chapter 30, Article 6.1 of the California Code of Regulations] is required to submit the Plan and Report and corresponding Summaries to the Districts with its permit submittal.

2. Any permittee who must notify the Districts of any sewer discharge of substances designated as hazardous waste according to Title 40, Code of Federal Regulations, Part 261 (see Item N of this section). The notification includes a certification that the company has a waste minimization program in place. A written narrative of the program currently in place at the facility must be submitted with the permit package. The program must include at a minimum a description of the processes at the facility which generate waste, the types of wastes generated, and the source reductions implemented for these waste streams. If the permittee is already submitting an SB 14 report, this would suffice for waste minimization plan discussed here. Notification, however, will still be required.

3. If the permittee is not subject to either of the above requirements, the attached Applicant Questionnaire must still be completed and submitted with the permit application.

F. Process Description

A detailed description of all manufacturing and pretreatment operations must be provided to sustain the information listed on the permit application. This description should specify the types and quantities of raw materials used in each operation as well as the sequence of steps followed during wastewater producing and pretreatment operations.

G. Material Safety Data Sheets

Material safety data sheets must be provided for all chemicals used in the facility, especially those chemicals that may contaminate directly or indirectly the wastewater stream.

H. Wastewater Analysis

Existing facilities must submit a minimum of two (2) wastewater analyses with the permit submittal. The analyses should include conventional pollutants such as chemical oxygen demand, suspended solids, total dissolved solids, pH, and toxic pollutants that may be present in the wastewater (e.g. heavy metals and organics). Chemical oxygen demand, suspended and dissolved solids, and heavy metals must be analyzed using 24-hour time composite or flow composite samples, while cyanide, sulfides, oil and grease, and organic pollutants must be analyzed using grab samples. Estimated concentrations will only be allowed for those companies not yet in operation.

I. Baseline Monitoring Report

All companies believed to be subject to EPA industrial categorical regulations are required to submit a Baseline Monitoring Report (BMR) for every industrial waste discharge connection to the public sewer. The purpose of the BMR is to indicate a company's compliance status with respect to EPA's regulatory requirements. The BMR must be completed and included in the permit submittal. Existing facilities required to supply wastewater analyses as part of the BMR submittal must submit one representative sample analysis of the wastewater effluent for all the parameters regulated by the category. Representative samples are 24-hour composite samples. For unstable parameters such as pH, cyanide, oil and grease, volatile organics, phenols, and sulfides, a minimum of four grab samples must be collected over a 24-hour period. The average of the grab sample analyses is considered representative. The applicant must also submit at least one 24-hour flow-composite or time-composite analysis for all other regulated pollutants. The applicant should refer to Section 2.1 to check whether or not the company falls under any of the categories set by the EPA. The applicant can obtain additional information and BMR forms by calling the District's Industrial Waste Section at (562) 699-7411, extension 2900.

J. Pump Curves

The applicant must provide characteristic rating curves for all pumps conveying wastewater in the facility.

K. Catalog Cuts

Manufacturer's data and brochures of specific pretreatment units, flow measurement systems, pumps and other equipment must be furnished.

L. Baseline Credit Information

The Districts' *Connection Fee Ordinance*s were developed to recover the costs of constructing new capital facilities needed to accommodate the added burden of new and expanded wastewater dischargers on the various sewer systems. As part of this program, capacity unit entitlements have been established to quantify such added wastewater burdens.

The Industrial Wastewater Discharge Permit approval process evaluates the demand the company's wastewater places on the Districts' sewer system for the facility in question (refer to Section 1.4 and Section 4.2B). A connection fee is due if the company's wastewater discharge exceeds their baseline credit at the site by more than 25 percent. The baseline credit is usually established from a previous industrial wastewater discharger at the site. However, companies that occupy a facility with no previous industrial wastewater discharge may still be entitled to receive a baseline credit. Industrial wastewater dischargers in existence prior to June 30, 1982 may receive credit for the site in question, provided that they submit twelve consecutive months of water bills for any period from July 1, 1976 to June 30, 1982. Corresponding evaporative and consumptive loss calculations should also be provided. If water bills cannot be obtained, the industrial wastewater discharger may receive credit based on the building's

square footage by providing such information as a property tax statement, a rental agreement, or other legal document.

M. Equipment Costs

The applicant must provide itemized cost estimates of all proposed pretreatment equipment, monitoring system, spill containment system and any other equipment used to treat, monitor, convey or contain the industrial wastewater discharge.

N. Notification Report of the Discharge of Hazardous Wastes

If the wastewater discharged by your facilities to the sewer is hazardous under federal regulation (40 CFR Parts 261.20-261.33), you are required to notify the Districts of this discharge of federally regulated hazardous waste to the sewer. Please request the **Notification Report of the Discharge of Hazardous Wastes** form from the Districts by calling (562) 699-7411, extension 2900.

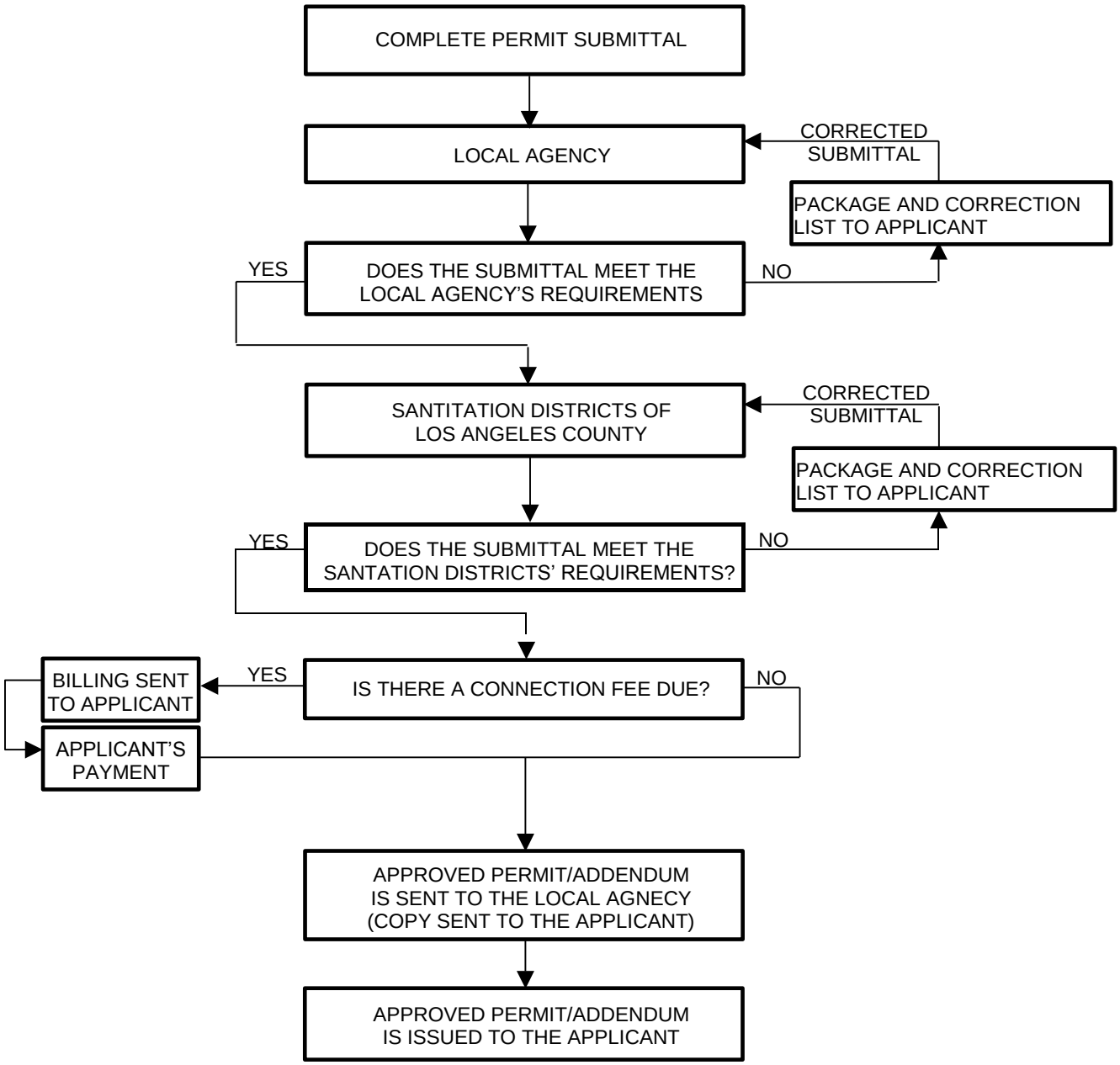
The Notification Report must include the name of the hazardous waste, the EPA hazardous Waste Number, and the type of discharge (continuous, batch or others). The Notification Report shall also include the estimated concentrations of hazardous constituents and the monthly mass discharges of these constituents, to the extent that the information is known and available to you. You must also certify that you have a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree you have determined to be economically practical. The Notification Report must also be signed by a responsible company official.

A new Notification Report must be filed if there is any substantial change in the volume or character of the hazardous wastes present in your discharge and if there are new regulations promulgated which identify additional wastes in your discharge as hazardous.

4. OVERVIEW OF THE PERMIT EVALUATION AND APPROVAL PROCESS

The Industrial Wastewater Discharge Permit is issued jointly by the Districts and the Local Agency. After the applicant has completed and reviewed the permit application form, plans and supporting information, the package must first be sent to the Local Agency. **Do not submit the permit application package directly to the Districts.** Once the Local Agency receives the permit package, the following evaluation process begins.

PERMIT SUBMITTAL EVALUATION AND APPROVAL PROCESS



4.1 Local Agency's Evaluation

A. Approval or Rejection

The local agency will approve the permit application package if the information is complete and meets with local requirements. However, if the package is insufficient or unclear, it will be returned with a list of specific corrections. Once all corrections have been made, the permit application package will be approved and forwarded to the Districts for review and approval.

B. Filing Fees

Most local agencies require the payment of a filing fee prior to approving the Industrial Wastewater Discharge Permit. To determine if a fee is required, please contact the local agency. Filing fees should be sent to the local agency with the submitted permit application package.

4.2 Districts' Evaluation

A. The Review Process

Once the permit application package has been received, the permit is logged in and checked for completeness. If the submittal is determined to be incomplete, it will be automatically rejected. If determined to be complete, the permit application package will be reviewed by an Industrial Waste Section project engineer. As part of the engineer's review, additional information may be required. In some cases this can be done by phone or mail, although if necessary a company representative may be asked to meet at the Districts' Joint Administration Office to clarify certain points. If the required information is not provided, the permit application package will be rejected and returned with a list of specific corrections. Once the corrections are made, the resubmittal must be made directly to the Districts within the specified time or enforcement actions will be initiated. Once the application is determined to be complete and correct, a connection fee evaluation will be performed.

B. Connection Fee

The project engineer will determine whether or not a connection fee is required based on the proposed discharge and baseline entitlement. If a connection fee is required, a bill will be sent to the company official listed on line 19 of the application form. If payment is made by personal or company check, 15 working days will be required to clear the payment. Check clearing is not required for certified checks. The permit package will not be processed further until payment has cleared or a certified check has been remitted. If no connection fee is required, the permit evaluation proceeds directly to the next step - permit issuance.

C. Permit Issuance

Once the connection fee payment has cleared, the approved permit will be issued. The approved permit will include a list of requirements. The company is required to comply with all indicated items on this list as a condition of the permit approval. Failure to comply with permit requirements will lead to enforcement actions and possible revocation of the Industrial Wastewater Discharge Permit.

D. Approved Permit is Returned to the Local Agency

The applicant's copy of the approved Industrial Wastewater Discharge Permit and the approved plans are returned to the local agency. The local agency will then forward the permit, plans and requirement list to the company. Copies of the cover letter and the requirement list are sent to the company the same day that the permit package is sent to the local agency.

5. MAINTAINING A VALID PERMIT

An approved permit may no longer be valid if any one of the following occurs:

1. The wastewater quality changes or the wastewater discharge changes by more than 25 percent or other threshold level, as specified in the industrial waste permit requirements.

2. Any unapproved additions or modifications are made to the existing facility.

3. The permit has not been renewed within five (5) years of the date when it was last issued (for Significant Industrial Users).

4. The company has undergone a change in ownership.

For situations where the first three conditions occur, the permittee must obtain a permit revision, renewal or addendum. For a change of ownership, the new owner must apply for a new permit.

5.1 Permit Revision

A permit revision is required when the wastewater discharge deviates from the quantity/quality indicated in the current permit by more than 25 percent. The permit revision submittal is to include the following:

1. A new permit application form.

2. A detailed description explaining the reason for the change in wastewater characteristics between the existing discharge and that indicated in the original permit application. (See Section 3.3, Part B.) If significant changes in wastewater-generating processes have been made since the original permit approval, the company will be required to submit updated plans and information. (See Section 3.2.)

3. Supporting information (see Section 3.3.)

The permit revision submittal must be forwarded to the local agency for initial review. (See Section 4.)

5.2 Permit Addendum

Any addition or modification which does not affect the existing wastewater quality or quantity by more than 25 percent will require a permit addendum. The permit addendum submittal is to include the following:

1. A transmittal letter which gives a detailed description of all the proposed changes to the existing facility and provides the name and phone number of the permittee's contact person.

2. A set of plans showing the proposed changes.

3. Any additional supporting information. (See Section 3.3.)

The permit addendum submittal must be submitted to the Local Agency for initial review. (See Section 4.)

5.3 Permit Renewal

Industrial Wastewater Discharge Permits issued to Significant Industrial Users must be reevaluated and considered for approval at least every five (5) years. Permit renewal applications are required to be submitted six (6) months prior to the expiration of an existing permit. The permit renewal submittal is to include the following:

1. A new permit application form.

2. Plans (if changes have occurred). (See Section 3.2.)

3. Supporting information. (See Section 3.3.)

The permit renewal submittal must be submitted to the Local Agency for initial review. (See Section 4.)

5.4 Change in Ownership

Industrial Wastewater Discharge Permits are NOT transferable. When a change of ownership occurs, the new owner must apply for a new Industrial Wastewater Discharge Permit. New owners should refer to Section 1 for information on applying for an Industrial Wastewater Discharge Permit.

6. APPENDICES

6.1 Forms

The following fill-in forms are available on our web page in Microsoft Word or Excel [DOC][XLS] and Adobe [PDF] format.

- Permit for Industrial Wastewater Discharge
- Form A: Applicant Questionnaire
- Form B: Calculation of Industrial Wastewater Discharge Flow Rate
- Form C: Tank Schedule & Spill Containment Calculations
- Form D: Check List for an Industrial Wastewater Discharge Permit Submittal

6.2 Sand and Grease Interceptor

6.3 Sampling Box

6.4 Local Agencies within Los Angeles County

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Fill in forms can be located on our website at http://www.lacsd.org/ for your convenience.

PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY
1955 Workman Mill Road / Whittier, CA
Mailing Address: P.O. Box 4998 / Whittier, California 90607-4998
Grace Robinson Hyde, Chief Engineer and General Manager
(562) 699-7411

PERMIT NO: _____

01 CHECK ONE: ☐ New Sewer Connection ☐ Existing Sewer Connection

02 Applicant _____
(Legal Company Name)

03 Check one and fill in appropriate information
☐ Corporation Name _____
Year Incorporated _____ State of Incorporation _____ ID# _____
☐ Partnership Name _____ Partners _____
☐ Sole Proprietor Name _____ Business Names _____

04 Situs Address _____
(Street) (City) (State) (Zip)

05 Mailing Address _____
(Street) (City) (State) (Zip)

06 Point of Discharge _____

07 Number of years applicant has been in business at present location _____ (yrs) _____ (months)

08 Name of Property Owner _____
Address of Property Owner _____ _____
(Street) (City) (Zip) (Telephone Number)

09 Assessors Map Book No. ☐☐☐☐ Page No. ☐☐☐ Parcel No. ☐☐☐

10 Type of Industry _____ ☐☐☐☐, ☐☐☐☐
(General Description) (Federal SIC No.)

11 Number of Employees (Full Time) _____ (Part Time) _____

12 Raw Materials Used _____
(General Description – Add Additional Sheets as Needed)
_____
(Daily Amount Used)

13 Products Produced _____
(General Description – Add Additional Sheets as Needed)
_____
(Daily Amount Produced)

14 Wastewater Producing Operations _____
_____
(Full Description – Add Additional Sheets as Needed)

15 Time of Discharge _____AM ☐ PM☐ _____AM ☐ PM☐, Shifts per day _____Days per Week M☐ T☐ W☐ Th☐ F☐ Sa☐ Su☐

16 Wastewater Flow Rate _____ Gallons per _____ Gallons per Minute
(Average) (Peak)

17 Constituents of Wastewa ter Discharge _____
_____
(General Description – Attach Chemical Analysis Results to the Application)

18 Person in company responsible for industrial wastewater discharge
_____ _____ _____
(Name) (Position) (Telephone Number)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date _____,20 _____

19 Signature for Applicant _____ _____
(Company Administrative Official) (Name) (Position)

20 Approved/Reviewed by City or County Official
Date _____
☐ L.A. County Department of Public Works
City of _____
Name _____
Position _____

Approved by Sanitation Districts of Los Angeles County
Date _____
Expiration Date _____
Grace Robinson Hyde, Chief Engineer and General Manager
By _____
Position _____

Note: Please submit the **original application** (Do not send copies) first to the applicable City or County agency in which the point of discharge is located. Please contact the local agency for the required permit processing fee.

CONTINUED ON NEXT PAGE

APPLICANT FOR PERMIT MUST READ THIS MATERIAL IN

CONSIDERATION OF THE GRANTING OF THIS PERMIT, the applicant agrees:

1. To furnish any additional information on industrial wastewater discharges as required by the Districts,

2. To accept and abide by all provisions of ordinances, policies and guidelines of the Districts,

3. To operate and maintain any required industrial wastewater treatment devices in a satisfactory approved manner,

4. To cooperate at all times with Districts' personnel, or their representatives, in the inspection, sampling and study of industrial wastewater facilities and discharges,

5. To immediately notify the Districts at (562) 699-7411, extension 2900 during normal working hours or at (562) 437-6520 or (562) 437-1881 after 4:00 P.M. or on weekends in the event of any accident, negligence or other occurrence that causes the discharge to the sewer of any material whose nature and quantity might be reasonably judged to constitute a hazard to the public health, environment, Districts' personnel or wastewater treatment facilities,

6. To pay to the Districts annually the required surcharge or user charge fee for industrial wastewater treatment,

7. To submit, as required by the Districts, accurate data on industrial wastewater discharge flows and wastewater constituents,

8. To operate only one industrial wastewater discharge point to the sewerage system under the authority granted by this permit,

9. To submit additional pages as required to furnish the necessary information if there is inadequate room on the reverse side of this permit form to complete submittal of requested data,

10. To apply for a revised Districts' Industrial Wastewater Discharge Permit if any change in industrial processes, production, method of wastewater treatment or operations creates a significant change in industrial wastewater quality, or if the quantity of wastewater discharged changes by more than 25% or other threshold level as specified in industrial waste permit requirements,

11. To provide immediate access to authorized personnel of the Districts to any facility directly or indirectly connected to the Districts' sewerage system under emergency conditions and at all other reasonable times.

FORM A: APPLICANT QUESTIONNAIRE

Name Of Company _____

Company Contact Name _____

Company Contact E-mail _____ Phone Number _____

1. <u>Reason for Submittal</u> - ☐ New Permit ☐ Permit Revision ☐ Permit Addendum ☐ Permit Renewal

Please select (X) one the options above and complete the corresponding questions.

A. <u>New Permit (for new companies and for changes in ownership)</u>

Type of business _____
Is the facility: ☐ New or ☐ Existing
If existing, previous company name _____
Type of business _____
Industrial Wastewater Discharge Permit No. _____

Provide a description of all manufacturing processes and wastewater producing operations in an attachment.

Are any changes being made to the facility's existing wastewater pretreatment/conveyance systems?
☐ Yes ☐ No If yes, briefly explain these modifications in attachments.

Is there more than one company discharging industrial wastewater at your facility? ☐ Yes ☐ No
If yes, provide for each company its name, a separate address and a description of its operations. If feasible, each company must apply for a separate permit and must have its own incoming water meter and a separate industrial wastewater sampling point.

If your facility will involve a new connection to the public sewer, please check the point of connection:
☐ Local city sewer, ☐ Sanitation Districts' Trunk sewer.

If you are relocating, and had a previous Industrial Wastewater Discharge Permit, give your previous address _____, and permit number _____.
If you have received a temporary permit, give permit number _____.

All submittals for new permits **must** include a permit application, plans (if changes have occurred) and pertinent supporting information.

B. <u>Revision of Existing Permit (for a 25 percent or more change in wastewater quantity/quality)</u>

Permit number _____.

Has your wastewater quantity and/or quality changed over 25 percent? ☐ Yes ☐ No
If yes, documentation addressing the magnitude and reason(s) for the change must be submitted. If no, a revision is not required at this time.

Have there been any changes in production processes, wastewater pretreatment systems or sewerage plumbing? ☐ Yes ☐ No If yes, submit plans and describe these changes in attachments.

All submittals for a revised permit **must** include a permit application, plans (if changes have occurred) and supporting information.

C. <u>Addendum to Permit (for modifications to the wastewater conveyance/pretreatment system)</u>

Permit Number _____.

Attach a brief summary of the existing conditions and the proposed changes.

All submittals for a permit addendum **must** include plans and supporting information. Applicant must also answer the questions on the back of this form (**2. <u>Supporting Information Required</u>**).

D. Permit Renewal (for permits with expiration dates)

Permit Number _____.

Have there been any changes in production processes, wastewater pretreatment systems or sewerage plumbing? ☐ Yes ☐ No If yes, submit plans and describe these changes in attachments.

All submittals for a permit renewal **must** include a permit application, plans (if changes have occurred) and supporting information.

1. Supporting Information Required

All submittals **must** include the following forms, which are included in Appendix 6.1:

Form A - Applicant Questionnaire
Form B - Calculation of Industrial Wastewater Discharge Flow Rate
Form C - Tank Schedule and Spill Containment Calculations
Form D - Check List

Furthermore, your company must answer the questions below to determine the additional supporting information that must be provided:

A. Waste Minimization (refer to Sections 2.4 and 3.3 E)

Please describe below or in an attachment all of your company's existing/proposed pollution prevention measures (e.g., reuse, product reformulation, process changes, housekeeping measures, etc.):

_____

_____

_____

Has your company previously submitted a waste minimization plan to the Districts? ☐ Yes ☐ No
If no, please read Sections 2.4 and 3.3E and submit the appropriate plan (if applicable). Your company is encouraged to obtain information on source reduction measures and options for your industrial processes by calling the Districts' Industrial Waste Section at (562) 908-4288, extension 2900.

B. Wastewater Quality (refer to Sections 3.3G and H)

Please provide the results of at least two 24-hour composite analyses attesting to concentrations of chemical oxygen demand, suspended solids and any priority or regulated pollutants that may be found in your wastewater. Your company must also provide material safety data sheets of all chemicals used in the facility that may directly or indirectly contaminate your wastewater.

C. New Equipment (refer to Sections 3.3 F, J and K)

Is your company installing new pretreatment, monitoring, conveyance or industrial equipment that may have an impact on the quality or quantity of your wastewater? ☐ Yes ☐ No
If yes, please provide catalog cuts of all units and important details such as: number of units, sizes, hours of operation, pump rating curves, operating parameters, etc.

D. Baseline Monitoring Report (refer to Sections 2.1 and 3.3 I)

Does your company currently fall under one of EPA's categories? ☐ Yes ☐ No
If yes, your company must submit a Baseline Monitoring Report, unless it was submitted one in the past and there have been no changes in operations that may change your categorical standards.

E. Rainwater Management (refer to Section 3.2)

Are there any outdoor drains, trenches or sumps at your facility that are connected to the sewerage system? ☐ Yes ☐ No
If yes, your company must submit plans and information that describe the existing means to divert rainwater from the sewerage system or a proposal to comply with the Districts' rainwater guidelines. Please be informed that new automatic rainwater diversion systems will not be approved unless the applicant proves that this is the only feasible alternative.

FORM B: CALCULATION OF INDUSTRIAL WASTE DISCHARGE FLOW RATE

COMPANY NAME: _____

Calculation of flow rate is based on: (Check one)

- ☐ Adjusted metered water supply (Company must complete the calculations below)
- ☐ Direct measurement through a Districts' approved effluent flow measurement system*
- ☐ Estimate for a facility not yet in operation**

ADJUSTED METERED WATER SUPPLY CALCULATIONS (Round all figures to two decimals)

MILLION GALLONS PER YEAR

I. Incoming Water

1. Metered Water Supply from Purveyor (Water Company)
   Use most recent 12 consecutive months and attach copies of water bills. ..... [.] MGY
2. Water Supply from Company Well.
   Attach meter or water master data for most recent 12 consecutive months. ..... [.] MGY
3. Water Received in Raw Materials, or by other means.
   Explain in attachments. ..... [.] MGY
4. Rainwater/Groundwater Discharged to the Sewerage System.
   Explain in attachments ..... [.] MGY
5. Total Incoming Water.
   (Add Lines 1 to 4)..... [.] MGY

II. Water Losses

6. Wastewater Discharged to Stormwater Drainage System
   Explain in attachments. (NPDES Permit No_____) ..... [.] MGY
7. Water Lost Through Evaporation and Irrigation.
   (add lines a + b + c + d on the back of this form) ..... [.] MGY
8. Water Lost in Products
   Explain in attachments. ..... [.] MGY
9. Sanitary Flow Deduction
   (from line "e" on the back of this form) ..... [.] MGY
10. Total Water Loses
    (add lines 6 to 9) ..... [.] MGY

III. Industrial Wastewater Discharged

11. Calculated Industrial Wastewater Discharged to the public sewer
    (subtract line 10 from line 5) ..... [.] MGY
12. Any Proposed increase (+) or decrease (-) in industrial waste-
    water discharge to the public sewer? (explain in attachments) ..... Circle one (+) (-) [.] MGY
13. Total proposed yearly industrial wastewater discharge
    (add lines 11 and 12) ..... [.] MGY
14. Average industrial wastewater flow
    (use line 13 to calculate below)..... [.] MGY

Million Gallons per Year	x	**1,000,000**	÷	**Number of Discharge Days per Year**	=	**Gallons per Day**
	x	1,000,000	÷		=	

This is the average daily flow rate that must be used on the application for industrial wastewater discharge. (It may be rounded to two significant figures).

Note: The Applicant must also complete calculations on the back of this page.

* If your company currently has an **approved effluent wastewater flow measurement system**, please submit effluent totalizer readings for the last twelve months. Your company does not have to complete the rest of this form.

** The company must submit detailed information that substantiates how the flow rate was estimated.

WATER LOSSES

a. **COOLING TOWER LOSSES**

Tonnage	x	Hours of Operation per year	x	Load[1]	x	1.38[2]	÷	1,000,000	=	Mil. Gal. per Year	
	x		x		x		÷		=		
	x		x		x		÷		=		a

[1]Load = 0.50 to 0.80
[2]1.38 = Gallons evaporated per hour per ton

b. BOILER LOSSES

Horsepower	x	Hours of Operation per year	x	Load[3]	x	% Evaporation[4]	x	3.82[5]	÷	1,000,000	=	Mil. Gal. per Year	
	x		x		x		x		÷		=		
	x		x		x		x		÷		=		
													b

[3]Load = 0.50 to 0.80
[4]% Evaporation = (100 - % condensate returned)/100
[5]3.82 = Gallons evaporated per hour per horsepower

c. OTHER EVAPORATIVE LOSSES
(Explain in attachments)

Million Gallons per Year	
	c

d. IRRIGATION LOSSES

Square Feet of Land Irrigated	x	18.7[6]	÷	1,000,000	=	Mil. Gal. per Year	
	x		÷		=		d

[6]18.7 = Gallons irrigated per square foot per year

e. SANITARY FLOW DEDUCTION

No. Employees	x	Working Days per Year	x	Gallons Per Employee per Day	÷	1,000,000	=	Mil. Gal. per Year	
	x		x	15	÷	1,000,000	=		e

INCOMING WATER METERS

Please list all the accounts (or other identification) for all meters that measure the water supplied to the facility.

Meter #	Location	Account #

Abbreviations and Conversion Factors
MGY = million gallons per year
1 cubic foot = 7.48 gallons
1 CCF = 748 gallons
1 acre foot = 325,900 gallons
1 acre = 43,560 square feet

FORM C: TANK SCHEDULE & SPILL CONTAINMENT CALCULATIONS

Please complete one form for each containment area (make additional copies if necessary).

TANK I.D. NUMBER	TANK NAME	TANK DIMENSIONS[1]	TANK CONTENTS	pH	IS TANK ELEVATED[2]

[1] Specify height and diameter if tank is round; or length, width and height if tank is rectangular.

[2] If the tank is elevated above the ground on legs, specify the location (elevation) of the bottom of the tank. If the tank is located on a pad or solid platform, specify dimensions of the pad or platform.

2. Spill Containment Calculations (make additional copies if necessary).

Answer the following questions:

	Check One
a) If this is your company's first permit submittal to the Districts, do you store hazardous or restricted materials?	YES ☐ NO ☐
b) Does your company currently have tanks/equipment with hazardous or restricted solutions that lack adequate spill containment?	YES ☐ NO ☐
c) Is your company proposing any additions/modifications of tanks or equipment that will need spill containment?	YES ☐ NO ☐

If the answer to any of the questions above is "YES," your company must submit plans that describe and propose an adequate spill containment system and must complete the calculations below:

1. Containment Volume Required:

The required containment volume is equal to the capacity of the largest tank containing a solution that requires containment plus the volume of six inches of rain over the containment area (if the area is not roofed).

(1) = Volume of largest tank (assumed to spill) + Volume of 6 inches of rain over contained area (if area is outdoors)

(1) = _____ + _____

(1) = _____ (specify units)

2. Containment Volume Provided:

The containment provided is equal to the volume of the dike, berm, sump or other containment structure minus the volume displaced by tanks, pads and other equipment within the containment area.

(2) = Volume of containment dike - Volume displaced by tanks and other equipment

(2) = _____ — _____

(2) = _____ (specify units)

Subtract (1) from (2)

(2) — (1) = _____ (must be greater than zero to satisfy spill containment requirements)

Note: All drains, sumps and associated plumbing within spill containment areas must be clearly shown on submitted drawings.

FORM D: CHECK LIST FOR AN INDUSTRIAL WASTEWATER DISCHARGE PERMIT SUBMITTAL

COMPANY NAME: _____

1. Permit Application Form ..... ☐

2. Plans (Minimum size: 11" x 17"; maximum size 30" x 42")..... ☐

   a. Required Plans:

      Sewerage Plan (location of equipment, process tanks and sewer lines) ..... ☐

      Plot Plan (location of facility, sampling point and connection to the public sewer) ..... ☐

      Plans of Pretreatment Facilities..... ☐

   b. Additional Plans (if needed)

      Spill Containment System ..... ☐

      Flow Monitoring System ..... ☐

      Rainwater Management ..... ☐

      Combustible Gas Monitoring System ..... ☐

3. Supporting Information:

ALWAYS REQUIRED

- Applicant's Questionnaire (Form A) ..... ☐
- Estimation of Discharge Flow Rate and Water Bills (Form B)..... ☐
- Tank Schedule and Spill Containment Calculations (Form C) ..... ☐
- Checklist (Form D)..... ☐
- Process Description..... ☐

COMPLETE FORM A TO DETERMINE WHICH OF THESE ARE NECESSARY

- Waste Minimization Plan ..... ☐
- Material Safety Data Sheets..... ☐
- Wastewater Analyses ..... ☐
- Baseline Monitoring Report (for EPA categorical companies) ..... ☐
- Pump Curves ..... ☐
- Catalog Cuts of Pretreatment Equipment..... ☐
- Baseline Credit Information ..... ☐
- Equipment Costs ..... ☐
- Notification Report of the Discharge of Hazardous Wastes (if applicable) ..... ☐

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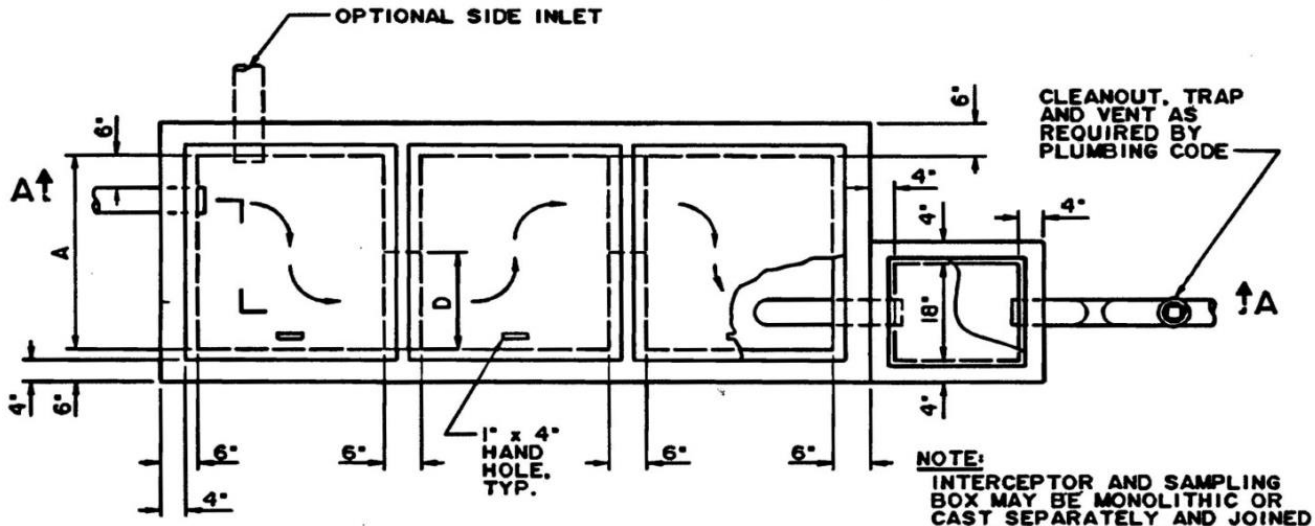
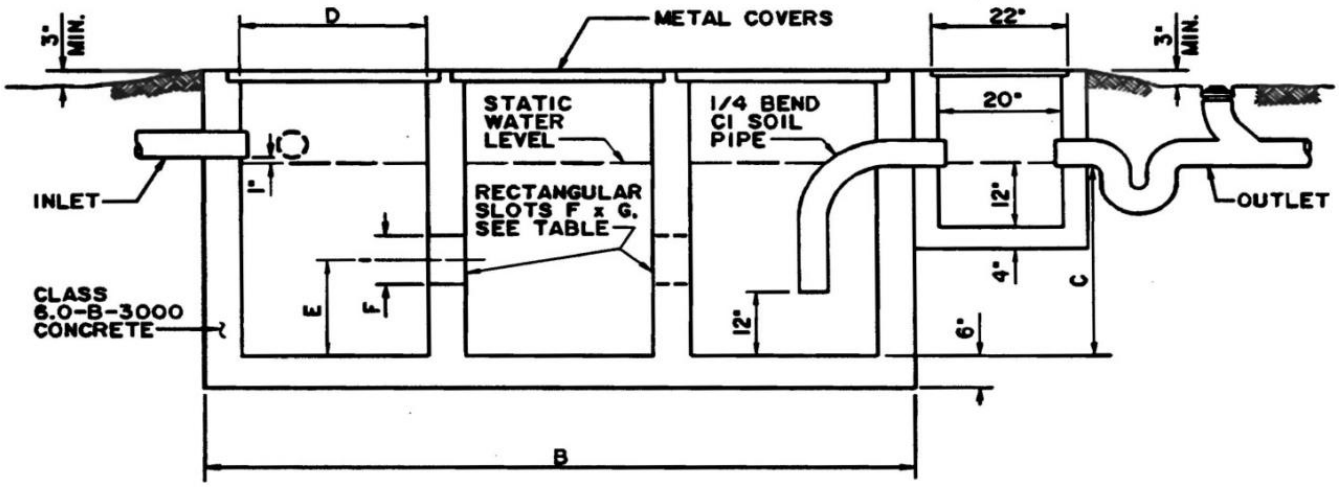


PLAN



SECTION A-A

CAPACITY GALLONS	DIMENSIONS							COVER SIZE	METAL COVERS	PIPE SIZE
	A	B	C	D	E	F	G			
510	3'-0"	9'-6"	3'-0"	2'-6"	18"	4 1/2"	18"	2'-10"x3'-4"	1/4" STEEL PLATE	4" MIN.
866	3'-6"	10'-3"	4'-0"	2'-9"	24"	6"	21"	3'-1"x3'-10"	3/8" ALUMINUM PLATE	4" MIN.
1260	4'-0"	12'-6"	4'-0"	3'-6"	24"	6"	24"	3'-10"x4'-4"	3/8" ALUMINUM PLATE	4" MIN.

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

SAND & GREASE INTERCEPTOR

STANDARD PLAN 2041-0

APPROVED James A. Gilmanson DIRECTOR OF PUBLIC WORKS — 5/31/1992 DATE

SHEET 1 OF 2

SUPERSEDES COUNTY ENGINEER STD. 1-2

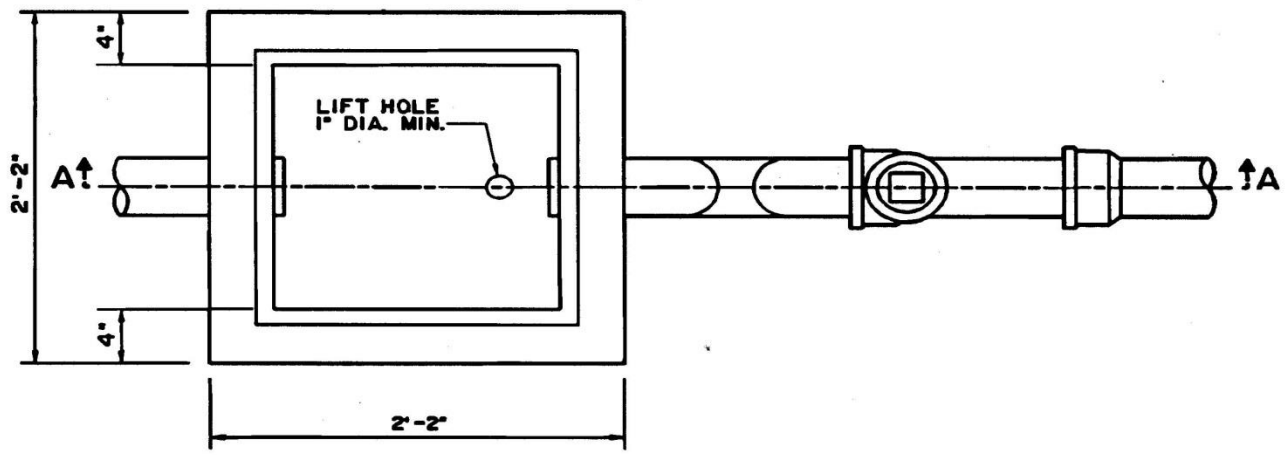
NOTES

1. THE APPROVAL OF THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS MUST BE OBTAINED BEFORE INSTALLATION.
2. THE INTERCEPTOR TO BE CONSTRUCTED OF TYPE II PORTLAND CEMENT CONCRETE.
3. INTERCEPTOR EXCEEDING 6'-6" IN DEPTH MUST BE CONSTRUCTED OF REINFORCED CONCRETE.
4. IF INSTALLED INSIDE OF BUILDING, THE TOP OF INTERCEPTOR MAY BE LEVEL WITH FLOOR PROVIDED THAT WASTES ENTER THROUGH INLET PIPE ONLY.
5. ALL SURFACE WATER MUST DRAIN AWAY FROM INTERCEPTOR TO EXCLUDE RAIN WATER FROM PUBLIC SEWERS.
6. STRUCTURE NOT FOR TRAFFIC LOADING.

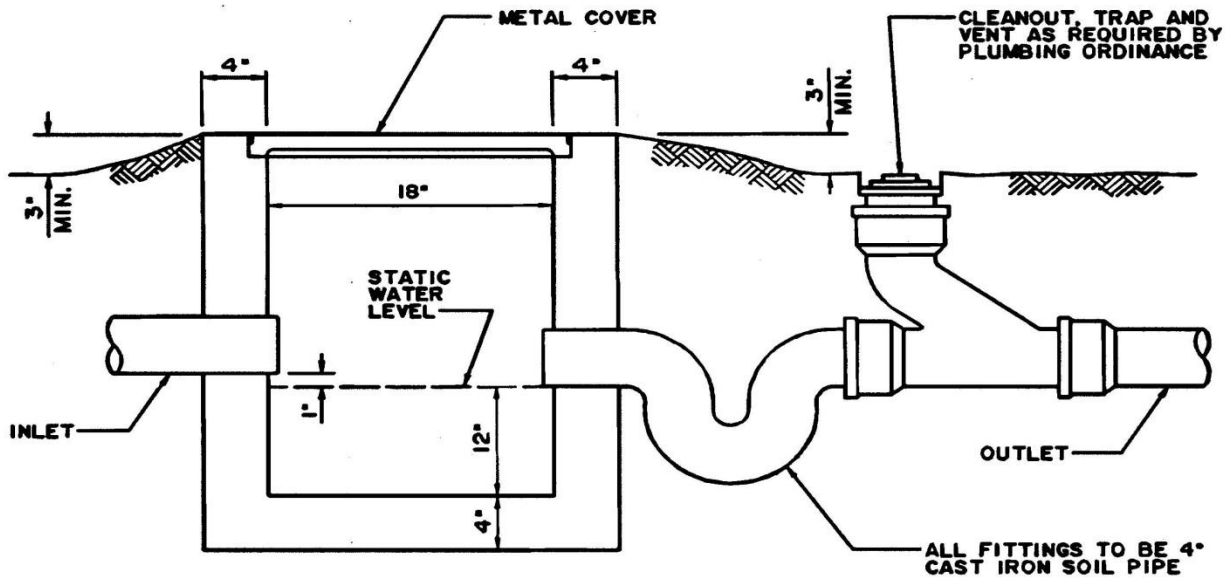
LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

SAND & GREASE INTERCEPTOR

STANDARD PLAN
2041-0
SHEET 2 OF 2



PLAN
WITH COVER REMOVED



SECTION A-A

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

SAMPLING BOX

STANDARD PLAN
2044-0
SHEET 1 OF 2

APPROVED James A. Gilmore 5/31/1992
DIRECTOR OF PUBLIC WORKS DATE

SUPERSEDES COUNTY ENGINEER STD. 1-12

NOTES

1. THE APPROVAL OF THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS MUST BE OBTAINED BEFORE INSTALLATION.
2. IF INSTALLED OUTSIDE OF A BUILDING, ELEVATE THE SIDEWALLS ABOVE THE SURROUNDING GROUND SURFACE TO EXCLUDE STORM WATER.
3. IF LOCATED INSIDE OF A BUILDING, THE TOP OF SAMPLING BOX MAY BE LEVEL WITH FLOOR PROVIDED THAT WASTE ENTERS THROUGH INLET PIPE ONLY.
4. ALL SURFACE WATER MUST DRAIN AWAY FROM SAMPLING BOX TO EXCLUDE RAINWATER FROM THE PUBLIC SEWER.
5. STRUCTURE NOT FOR TRAFFIC LOADING.
6. THIS FACILITY TO BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE.

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

SAMPLING BOX

STANDARD PLAN
2044-0
SHEET 2 OF 2

APPENDIX 6.4

LOCAL AGENCIES WITHIN LOS ANGELES COUNTY

Note: Cities not listed are covered by the Department
of Public Works of Los Angeles County
(see Table 1 on Page 14)

LOCAL AGENCY	ADDRESS	PHONE NUMBER
Department of Public Works of Los Angeles County	900 S. Fremont Ave. Alhambra CA 91803-1331	626/458-5173
Alhambra	111 S. First St., 91801	626/570-5080
Arcadia	11800 Goldring Rd., 91066	626/305-5327
Azusa	213 E. Foothill Blvd., 91702	626/334-5284
Baldwin Park	14403 E. Pacific Ave., 91706	626/960-4011, x458
Bell	6330 Pine Ave., 90201	323/588-6211, x220
Beverly Hills	450 N. Crescent Dr., 90210	310/285-2467, x2217
Bradbury	600 Winston Ave., 91010	626/358-3218
Claremont	207 Harvard Ave., 91711	909/399-5465
Compton	500 N. Alameda St., 90220	310/605-5621
Covina	125 E. College St., 91723	626/384-5484
Downey	11111 Brookshire Ave., 90241	562/904-7112
El Monte	11333 E. Valley Blvd., 91731	626/580-2058
El Segundo	350 Main St., 90245	310/524-2300
Glendora	116 E. Foothill Blvd., 91740	626/914-8223
Hawthorne	4455 126th St., 90250	310/349-2983
Hermosa Beach	1315 Valley Dr., 90254	310/318-0259
Huntington Park	6550 Miles Ave., 90255	323/584-6253
Industry	15651 E. Stafford St., 91744	626/333-2211
Inglewood	One Manchester Blvd., 90301	310/412-5545
Lancaster	Utilities Services Division, 615 W. Avenue H, 93534	661/945-6896
Long Beach	City of Long Beach, Water Department 1800 Wardlow Rd., 90807	562/570-2381
Los Angeles	Industrial Waste Mgmt Div., 2714 Media Center Dr., 90065	323/342-6098
Lynwood	11330 Bullis Rd., Engineering Dept., 90262	310/603-0220, x832
Manhattan Beach	3621 Bell Ave., 90266	310/802-5315
Maywood	4319 E. Slauson Ave., 90270	323/562-5721
Monrovia	600 S. Mountain Ave., 91010	626/932-5544
Montebello	1600 W. Beverly Blvd., 90640	323/887-1497
Palmdale	Building & Safety, 38250 Sierra Highway, 93550	661/267-5259
Palos Verdes Estates	340 Palos Verdes Dr. West, 90274	310/378-0383, x2216
Pasadena	100 N. Garfield Ave., Room N140, 91101	626/744-4265
Pomona	Department of Public Works, 505 S. Garey Ave., 91766	909/650-2285
Redondo Beach	Engineering Department, 415 Diamond St., 90277	310/372-1171, x2432
Rolling Hills	John Hunter & Associates 6131 Orangethorpe Ave. #350, Buena Park, 90620	562/802-7880
San Gabriel	425 S. Mission Dr., 91776	626/308-2806, x4623
San Marino	2200 Huntington Dr., 91108	626/300-0714
Santa Fe Springs	11300 Greenstone Ave., 90670	562/944-9713
Sierra Madre	232 W. Sierra Madre Blvd., 91024	626/355-7135, x801
Signal Hill	2175 Cherry Ave., 90806	562/989-7355
South El Monte	John Hunter & Associates 6131 Orangethorpe Ave. #350, Buena Park, 90620	562/802-7880
South Gate	Department of Public Works, 8650 California Ave., 90280	562/802-7880
South Pasadena	1414 Mission St., 91030	626/403-7240
Torrance	3031 Torrance Blvd., 90503	310/618-5897
Vernon	4305 Santa Fe Ave., 90058	323/583-8811
West Covina	Engineering Department, 1444 W. Garvey Ave., 91790	626/939-8445
Whittier	Department of Public Works, 13230 E. Penn St., 90602	562/567-9500