



Groundwater Discharge Permit Application ~ Part A – Business Information

INSTRUCTIONS: Complete application in its entirety, incomplete applications will not be processed. A copy of this application will be returned when the permit is issued. Return completed application to **101 W. Jack London Boulevard Livermore, CA. 94551.**

A1. Applicant Business Name: _____

A2. Address of Facility Discharging Wastewater:

Street _____

City _____ State _____ Zip _____

A3. Business Mailing Address:

Street _____

City _____ State _____ Zip _____

A4. Chief Executive Officer:

Name _____ Title _____

Mailing Address _____

City _____ State _____ Zip _____

A5. Person to be contacted about this application:

Name _____ Title _____

Phone _____

A6. Person to be contacted in case of an emergency:

Name _____ Title _____

Day Phone _____ Night Phone _____

A7. The "responsible corporate officer"¹ must sign the following certification statement:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Date

Print Name

Title

¹ A "responsible corporate officer" is a president, secretary, treasurer or vice president of the corporation in charge of a principle business function, or any other person who performs similar policy, or decision-making functions for the corporation.¹



Groundwater Discharge Permit Application ~ Part B – Groundwater Description

Purpose: The Groundwater Description will be used to evaluate all aspects of the groundwater proposed to be discharged to the sanitary system. Further instructions are on reverse side.

- B1. Business Activity: Describe the present and past business activity occurring on the premise; as well as present and past wastewater generating operations.

B1.1 Present Activity: _____

Product: _____

Wastewater Generating Operation(s): _____

B1.2 Past Activity: _____

Product: _____

Wastewater Generating Operation(s): _____

- B2. Description: Describe the known or suspected pollutant source(s) and history of the groundwater contaminants. Attach sheets as necessary. _____

- B3. Substances Proposed to be discharged: Give common and technical names of any materials or chemicals proposed to be discharged to the sewer. Briefly describe the physical and chemical properties of each substance and product. Give proposed concentrations. Attach sheets as necessary.

Name	Description	Concentration

- B4. Proposed Quantities: Give the average estimated gallons/day as well as peak hourly and peak daily flows in gallons of the groundwater proposed to be discharged to the sewer.

- B5. Proposed Discharge Period: Give the following information:

B5.1 Discharge will occur daily from _____ to _____

B5.2 Check the days of the week that the discharge will occur:

☐Su ☐M ☐T ☐W ☐Th ☐F ☐S

B5.3 Seasonal – Check the month(s) of the year the discharge will occur:

☐Jan ☐Feb ☐Mar ☐Apr ☐May ☐Jun ☐Jul ☐Aug ☐Sep ☐Oct ☐Nov ☐Dec

B5.4 Years – Indicate the total proposed discharge period: _____

INSTRUCTIONS FOR COMPLETING PART B

- B1. Business Activity – Describe the business activity on the premise in the present as well as in the past. The “past” is here defined as beyond 3 years from the date of application. If there is a complicated site – product history attach sheets as necessary.
- B2. Description – Here describe the known or suspected pollutant source(s) and history of the groundwater contamination of the premise.
- B3. Substances Proposed to be Discharged – List all pollutants that are proposed to be discharged into the sanitary system. A Material Safety Data Sheet (MSDS) may be attached in lieu of a description of each pollutant. List expected concentrations that are proposed to be discharged to the sanitary system (after treatment, if any).
- B4. Proposed Quantities – Indicate the proposed average gallons/day, and peak flow variations for the proposed period of discharge.
- B5. Proposed Discharge Period – Indicate the hours, days, months, and years (if applicable) that the proposed discharge would occur.



Groundwater Discharge Permit Application ~ Part C – Pumping Plan

Purpose – Description of all aspects of the pumping plan will enable the City of Livermore to evaluate the plan for possible approval. Further instructions are on reverse side.

- C1. Description – Fully describe the proposed pumping plan, including number and size of wells, types and capacities of pumps, and all other relevant information. Attach description. _____

- C2. Pretreatment – Describe any proposed groundwater pretreatment prior to discharge to the sanitary system, and give expected pollutant removal efficiencies. Attach sheets as necessary. _____

- C3. Analyses – Attach pertinent laboratory analyses to verify contaminants and concentrations. _____

- C4. Calculations – Calculate the pounds/day of each contaminant proposed to be discharged to the sewer. Attach work sheets. _____

- C5. Pollution Control – Describe steps taken to prevent present and future groundwater contamination. Attach sheets as necessary. _____

- C6. Sludge Disposal – Describe sludge disposal methods that will be utilized if applicable. Attach sheets as necessary. _____

- C7. Miscellaneous – Give any other pertinent facts or factors that warrant considerations. Attach sheets as necessary. _____

- C8. Diagram – Attach as accurate a diagram of the plume or area of contamination, as is available.
☐ Check if diagram is included as attachment
- C9. Sample Schedule – Attach a proposed sampling schedule and method of results transmittal to the City of Livermore. Indicate sample points.
☐ Check if diagram is included as attachment

INSTRUCTIONS FOR COMPLETING PART C

General Instructions – Type or print the information. Indicate in blanks provided if there is an attachment.

- C1. Description – On a separate attachment, detail the pumping plan; including number, sizes, types of pumps and wells. Indicate the depths of each well. Give the rated pump capacity for each pump. Include all other relevant information here.
- C2. Pretreatment – Indicate if there is any proposed pretreatment of the groundwater prior to discharge to the sewer system. If so, describe the groundwater treatment and give the expected pollutant removal efficiencies.
- C3. Analyses – Attach all laboratory analyses that will aid in characterizing the pollutants and concentrations in the groundwater.
- C4. Calculations – Calculate the pounds/day of each contaminant that is proposed to be discharged to the sanitary system. Here use the average gallons/day data from Part B, as well as the expected concentrations levels to calculate pounds/day of each pollutant. Attach work sheets.
- C5. Pollution Control – Describe all steps or actions taken to prevent present or future groundwater contamination problems. Tell how the pollution source has been repaired.
- C6. Sludge Disposal – Describe how any sludge generated by the groundwater pumping operation will be removed from the site. Sludge will not be allowed in the sewer system.
- C7. Miscellaneous – Give here any other pertinent facts or factors not covered elsewhere in the permit application that warrant consideration by the City.
- C8. Diagram – Attach as accurate a diagram of the plume or area of contamination as is available.
- C9. Sample Schedule – Attach a proposed schedule of sampling for pollutants of concern from the groundwater. Indicate sample points and pertinent sample handling information. Also, indicate how sample results will be submitted to the City.



Groundwater Discharge Permit Application ~ Part D – Schematic Layout

Purpose – The schematic layout will show the relative positions of major features including directional flow of groundwater and area of contamination. This information will enable the City of Livermore to assess the pumping plan.

Schematic Layout – Draw to scale the locations of wells, buildings, proposed groundwater lines, existing sewer lines and manholes, as well as other related features or structures. The schematic layout should show the proposed groundwater flow directions and include sampling points. Include a lightly shaded area that characterizes the areas of contamination, if known. A suitable attachment may be used in lieu of drawing the layout below. Note any such attachment by printing or typing "See Attached."

☐ Check if diagram is included as attachment