



Burlingame Wastewater Treatment Facility
Industrial Pretreatment Program
Groundwater Discharge Permit Application

Section A.

Property Identification:

1. Facility location from which the discharge is to occur:

<i>Street</i>	<i>City</i>	<i>State</i>	<i>Zip code</i>
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Applicant Identification:

2. Applicant's name: _____

3. Mailing Address: _____

<i>Street/PO box</i>	<i>City</i>	<i>State</i>	<i>Zip code</i>
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4. Email address: _____ Phone number: _____

Contractor Identification:

(If the discharge will be under the control of a contract operator, the applicant must provide the following information.)

5. Contractor Company Name: _____

6. Mailing Address: _____

<i>Street/PO box</i>	<i>City</i>	<i>State</i>	<i>Zip code</i>
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7. Contact Person: _____

<i>Name</i>	<i>Title</i>	<i>Phone</i>
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Property Owner Identification:

8. _____

<i>Name</i>	<i>Phone number</i>	<i>Email address</i>
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Application Fee* and Mailing Instructions:

9. Submit a check payable to the "City of Burlingame" to the following address:

**City of Burlingame
Attn: Engineering Division
501 Primrose Road, Burlingame CA, 94010**

*Fees are based on the current Master Fee Schedule which can be found at www.burlingame.org under Departments > Finance > Financial Reports & Budgets. For questions about the fee, call 650-558-7210.



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Section B. Discharge Characteristics

10. Will the site generate any of the following wastewater?
- Construction groundwater Yes No
 - Groundwater remediation Yes No
 - Stormwater, foundation drainage, underdrainage, or groundwater Yes No
 - Other (Please specify): _____
11. Reason for discharge to the sanitary sewer system. Provide sufficient information to show that there is no reasonable alternative to discharging the proposed groundwater to the sanitary sewer system.
- _____
- _____
- _____
12. Describe activity, facility, and plant processes on the property that may in any way resulted in the soil or groundwater contamination.
- _____
- _____
- _____
- _____
13. Planned duration of discharge with proposed startup date.
- _____
- _____
14. Hours and dates of work and activities at the site.
- _____
- _____
15. Estimated volume of groundwater to be discharged: _____ gallons.
Provide information of the calculation: _____
- _____
- _____
16. Average and thirty (30) minute peak flow rate including daily, monthly, and seasonal variations, if any (measured in gallons per minute).
- _____
- _____
- _____
17. Calibrated totalizer flow meter installed on discharge: Yes No



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18. If a flow meter is not installed, explain how the volume discharged will be measured.

19. Submit drawing that shows the proposed location(s) of discharge sites on premise.

Drawing is attached to this application Other: _____

20. Identify all constituents in the untreated and treated groundwater. Attach analytical report including concentration of each element listed in **Table 1.0**. The City may require additional testing before issuing the permit or waive some constituents from the list below. The applicant shall identify all elements contained in the groundwater to be discharged.

Table 1.0. Identification of Constituents and Concentrations (mg/L)		
Local Limits¹	Untreated Groundwater	Treated Groundwater (if available)
BOD (5-day Biochemical Oxygen Demand)		
TSS (Total Suspended Solid)		
Arsenic		
Cadmium		
Copper		
Cyanide		
Lead		
Mercury		
Nickel		
Phenol		
Selenium		
Silver		
Total Chromium		
Zinc		
pH (s.u.)		
Priority Pollutants ¹	Untreated Groundwater	Treated Groundwater (if available)
Beryllium		
Antimony		
Thallium		
VOC ² [Include MTBE ³]		
SVOC ⁴		
PCBs ⁵		
Pesticides		
TPH as gasoline		
TPH as diesel		
TPH as motor oil		

^[1] Use approved EPA method or Standard Method (SM) for groundwater

^[2] Volatile Organic Compounds, ^[3] Methyl tertiary-butyl ether

^[4] Semi-volatile Organic Compounds

^[5] Polychlorinated Biphenyls



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21. If one or more constituents have been identified that are not listed in this application, then the applicant must add those constituents and identify the level of pretreatment that will be used.

Section C. Pretreatment System

The term pretreatment means the treatment of the groundwater (wastewater) prior to discharge into the City’s Sewer System. If the contaminated groundwater (wastewater) contains constituents in excess of the concentrations set below, either by ordinance or permit, the permit holder will be required to install, operate appropriate pretreatment technologies to remove the pollutants to levels acceptable by the City.

Effluents Limitations

(1) Table 2.0 provides the local limits maximum allowable concentrations for wastewater.

Table 2.0. Maximum Allowable Concentrations for Constituents			
Constituent	Maximum Allowable Conc. (mg/L)	Constituent	Maximum Allowable Conc. (mg/L)
Arsenic	0.08	Lead	0.365
BOD	1300	Mercury	0.010
Cadmium	1.038	Nickel	0.445
Copper	2.0	Phenol	7.8
Cyanide (Total)	0.292	Selenium	0.106
Silver	0.200	Total Chromium	2.532
TSS	1200	Zinc	0.386
pH	5-9 s.u.	-	-

(2) There shall be no discharge of generally prohibited wastes as described in City of Burlingame Municipal Code, Chapter 15.10 Sanitary Sewer Use Regulations, Sections 15.10.038, 15.10.040, and 15.10.052

21. Describe the technology of the proposed pretreatment system to comply with the effluents limitations required by the city, state, or federal government. Attach document, if needed.



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22. Provide a schematic flow diagram showing the flow from extraction to discharge. Include pretreatment system, all tanks, pumps, monitoring devices, automatic and manual shutdown capabilities, sampling locations such as Influent (GWD-001), Effluent (CSP-001), flow meter, etc. Attach diagram, if needed.

23. Specify if an operator who will be on-site during the discharge, or state if the system will be remotely monitored with automatic shutdowns.

On-site Operator: _____
Name *Title* *Phone number*

System will be remotely monitored with automatic shutdowns

24. Provide plan for protection against accidental discharges such as berming of chemicals and waste material.

25. Provide plan control for protection against slug discharge.

26. Attach site plans, floor plans, and mechanical and plumbing plans and details sufficient to show all sewers and appurtenances by size, location, and elevation. Site plans must show connection of groundwater discharge to existing sanitary sewer lateral (show size and location) on private property. New connection to sanitary sewer main for this temporary work is prohibited. Show proposed location of the required sediment and/or treatment tank or pit. **Please note:** a Building Permit may be required. It is the applicant's responsibility to check with the Building Department at [650-558-7260](tel:650-558-7260).



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Section D. Certification

This certification statement shall be signed by the responsible corporate officer, manager, general partner, or duly authorized representative of the discharger and makes that person legally accountable for the information submitted.

AUTHORIZED SIGNATORY STATEMENT:

"I certify under penalty of perjury 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 gathered and evaluated the information submitted. Based on my inquiry of the person or 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."

Authorized Signatory (*Print or type name*): _____

Signature: _____ Title: _____ Date: _____

THE CITY OF BURLINGAME WILL CONSIDER THIS DOCUMENT INCOMPLETE WITHOUT PROPER SIGNATURE.

SUBMITTAL OF THIS DOCUMENT IS NOT AN APPROVAL TO DISCHARGE

Questions concerning the completion of this document may be directed to
the City's Pretreatment Coordinator, Laura Suarez at 650-342-3727 or
laura.suarez@veolia.com