ATTACHMENT B – NOTICE OF INTENT FORM

NOTICE OF INTENT must be completed and submitted to apply for Authorization or Reauthorization with NPDES Permit No. CAG912002 (VOC and Fuel General Permit), to discharge or reclaim extracted and treated groundwater resulting from the cleanup of groundwater at active or closed cleanup sites, such as fuel stations or construction sites, to waters of the United States. These facilities are in operation to treat groundwater polluted by volatile organic compounds (VOCs), fuel leaks, fuel additives, and other related wastes (e.g., semi-volatile organic compounds [SVOCs], polycyclic aromatic hydrocarbons [PAHs], and metals).

This Notice of Intent form is for the Groundwater Treatment Facility located at (provide street address):

_____

I. CERTIFICATION

This certification shall be signed in accordance with Attachment D section V.B.2. The Discharger hereby agrees to comply with and be responsible for all the conditions specified in NPDES Permit No. CAG912002.

<table>
<tr><td colspan="2">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 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</td></tr>
<tr><td colspan="2">Printed Name</td></tr>
<tr><td colspan="2">Title</td></tr>
<tr><td>Company / Organization</td><td>Land Owner Type (Check One)
☐ Public
☐ Private
☐ Other, specify the type:</td></tr>
<tr><td colspan="2">Address</td></tr>
<tr><td>Email</td><td>Phone No.</td></tr>
</table>

II. APPLICATION FEE AND MAILING INSTRUCTIONS

Submit a check payable to “State Water Resources Control Board” for the appropriate application fee to the following address:

San Francisco Bay Regional Water Quality Control Board
Attn: NPDES Wastewater Division
1515 Clay Street, Suite 1400
Oakland, CA 94612

Submit this form (with signature and attachments) via email to RB2-VOC-Fuel@waterboards.ca.gov, or as otherwise indicated at www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/general_permits.shtml.

III. DISCHARGE TYPE

Select one:

☐ This is a new discharge

☐ This discharge is currently authorized under this Order (VOC and Fuel General Permit) and this NOI is submitted for modification of the current Authorization to Discharge. CIWQS Place ID: _____

☐ This discharge is currently authorized under this Order (VOC and Fuel General Permit), which requires authorized Dischargers who need to continue discharging after December 31, 2023, to file a completed NOI no later than April 7, 2023. CIWQS Place ID: _____

IV. PROJECT INFORMATION

Type of Site or Project: (e.g., closed fuel station, short-term construction dewatering project, closed groundwater cleanup site)
Project Tentative Completion Date:

V. UTILITY INFORMATION

I have contacted the local sanitary sewer agency serving the above named address and determined that discharging to the local sanitary sewer system is not technically and economically feasible. Please check one (if No or Not Applicable, please explain) ☐ Yes ☐ No: ☐ Not Applicable:	
Contact Person's Name and Title	
Contact Person's Email	Contact Person's Phone No.
I have contacted the local agencies having jurisdiction over the use of the storm drain system or watercourse and informed them about this proposed discharge. Please check one (if No or Not Applicable, please explain) ☐ Yes ☐ No: ☐ Not Applicable:	
Contact Person's Name and Title	
Contact Person's Email	Contact Person's Phone No.

VI. FACILITY INFORMATION

A. Facility Name:			
Street Address			
City	State	Zip Code	Phone No.
Contact Person's Name and Title			
Contact Person's Email		Contact Person's Phone No.	
B. Duly Authorized Representative: The following individual (or any individual occupying the position listed below) may act as the facility's duly authorized representative and may sign and certify submittals in accordance with Attachment D section V.B.3. The individual shall be responsible for the overall operation of the facility or for facility environmental matters. **IMPORTANT**: See section XI.F.2 below for further instructions.			
Name			
Title			
Company/Organization			
Street Address			
City	State	Zip Code	Phone No.
Email			
C. Billing Information			
Name			
Street Address			
City	State	Zip Code	Phone No.
Email			
D. Design Professional Engineer's Information (see Section XI.F.4 for further instructions)			
Name	California License Number Expiration Date		
Street Address			
City	State	Zip Code	Phone No.
Email			
E. Operation and Maintenance Professional Engineer's Information (see Section XI.F.5 for further instructions)			
Name	California License Number Expiration Date		
Street Address			
City	State	Zip Code	Phone No.
Email			

VII. DISCHARGE LOCATION INFORMATION

Discharge path to Receiving Water - describe the complete path of the discharge from the exit point of the treatment system to the outfall in the receiving water – list streets, land features, and distances as necessary.

Discharge Points	Latitude[1]	Longitude[1]	Receiving Water Name
Effluent Monitoring Point (EFF-001 through EFF-*n*)			Not Applicable
Storm Drain (if applicable)			Not Applicable
Receiving Water (directly of via storm drain system)			
Upstream Receiving Water Monitoring Location (RSW-001U through RSW-*n*U)			At a point 50 feet upstream from the point of discharge into the receiving water, or if access is limited, at the first point upstream which is accessible.
	Is access unrestricted? ☐ Yes ☐ No If No, provide details:		
Downstream Receiving Water Monitoring Location (RSW-001D through RSW-*n*D)			At a point 50 feet downstream from the point of discharge into the receiving water, or if access is limited, at the first point downstream which is accessible.
	Is access unrestricted? ☐ Yes ☐ No If No, provide details:		

1. Submit latitude and longitude coordinates in decimal degrees with 5 significant figures to the right of the decimal point.

☐ Check here if information for additional outfalls is attached to this form.

VIII. TREATMENT SYSTEM INFORMATION

A. General Information

Groundwater Treatment Design Capacity (gpm) as certified by a Professional Engineer licensed to practice in California.

Discharge description (describe discharge and potential pollutants of concern. Attach additional sheets if needed:

Discharge Frequency: ☐ Continuous ☐ Daily ☐ Intermittent ☐ Emergency (explain):

Estimated Total Water Reclaimed (%): Provide reasons if reclamation is not technically and economically feasible:	Type of Reclamation (e.g., dust control):

B. Unit Information

Type	Number	Description (e.g., depth, size, capacity, dosage)
Extraction well(s) or sump pump(s)		
Extraction well(s) with dedicated treatment unit(s)		
Settling tank(s) in series		
Settling tank(s) in parallel		
Oil-water separator(s)		
Filter(s) for particulates in groundwater		
Air stripper(s) with air filtration[1]		
Air stripper(s) without air filtration[1]		
Other treatment units (e.g., oxidation systems, ion exchange, reverse osmosis)		
Granular activated carbon (GAC) vessel(s) in series		
Granular activated carbon (GAC) vessel(s) in parallel		
Chemical additive(s) (e.g., coagulants)		
Other tank(s) (e.g., equalization tank)		
Water reclamation tank(s)		

1. Attach applicable copy of approved BAAQMD permit to this form.

IX. DISCHARGE WATER QUALITY

For existing dischargers, summarize influent, and discharge water monitoring data collected during the past five years. Provide a separate data summary table for each discharge point (outfall). New applicants shall summarize influent data.

A. INFLUENT DISCHARGE DATA

Conventional and Non-Conventional Pollutants

Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
Total Dissolved Solids (for construction and dewatering projects)	mg/L							
Chlorine Residual	mg/L							
1,4-Dioxane	µg/L							
Ethylene Dibromide	µg/L							
Trichloro-trifluoroethane	µg/L							

Priority Pollutants

CTR No.	Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
1	Antimony	µg/L							
2	Arsenic	µg/L							
3	Beryllium	µg/L							
4	Cadmium	µg/L							
5a	Chromium (III)	µg/L							
5b	Chromium (VI)	µg/L							
6	Copper	µg/L							
7	Lead	µg/L							
8	Mercury	µg/L							
9	Nickel	µg/L							
10	Selenium	µg/L							
11	Silver	µg/L							
12	Thallium	µg/L							
13	Zinc	µg/L							
14	Cyanide	µg/L							
15	Asbestos	fibers/L							
16	2,3,7,8-TCDD (Dioxin)	µg/L							
17	Acrolein	µg/L							
18	Acrylonitrile	µg/L							
19	Benzene	µg/L							
20	Bromoform	µg/L							
21	Carbon Tetrachloride	µg/L							
22	Chlorobenzene	µg/L							
23	Chlorodibromomethane	µg/L							
24	Chloroethane	µg/L							
25	2-Chloroethylvinyl ether	µg/L							
26	Chloroform	µg/L							
27	Dichlorobromomethane	µg/L							
28	1,1-Dichloroethane	µg/L							
29	1,2-Dichloroethane	µg/L							
30	1,1-Dichloroethylene	µg/L							
31	1,2-Dichloropropane	µg/L							
32	1,3-Dichloropropylene	µg/L							

CTR No.	Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
33	Ethylbenzene	µg/L							
34	Methyl Bromide	µg/L							
35	Methyl Chloride	µg/L							
36	Methylene Chloride	µg/L							
37	1,1,2,2-Tetrachloroethane	µg/L							
38	Tetrachloroethylene	µg/L							
39	Toluene	µg/L							
40	1,2-Trans-Dichloroethylene	µg/L							
41	1,1,1-Trichloroethane	µg/L							
42	1,1,2-Trichloroethane	µg/L							
43	Trichloroethylene	µg/L							
44	Vinyl Chloride	µg/L							
45	2-Chlorophenol	µg/L							
46	2,4-Dichlorophenol	µg/L							
47	2,4-Dimethylphenol	µg/L							
48	2-Methyl- 4,6-Dinitrophenol	µg/L							
49	2,4-Dinitrophenol	µg/L							
50	2-Nitrophenol	µg/L							
51	4-Nitrophenol	µg/L							
52	3-Methyl 4-Chlorophenol	µg/L							
53	Pentachlorophenol	µg/L							
54	Phenol	µg/L							
55	2,4,6-Trichlorophenol	µg/L							
56	Acenaphthene	µg/L							
57	Acenaphthylene	µg/L							
58	Anthracene	µg/L							
59	Benzidine	µg/L							
60	Benzo(a)Anthracene	µg/L							
61	Benzo(a)Pyrene	µg/L							
62	Benzo(b)Fluoranthene	µg/L							
63	Benzo(ghi)Perylene	µg/L							
64	Benzo(k)Fluoranthene	µg/L							
65	Bis(2-Chloroethoxy)Methane	µg/L							
66	Bis(2-Chloroethyl)Ether	µg/L							
67	Bis(2-Chloroisopropyl)Ether	µg/L							
68	Bis(2-Ethylhexyl)Phthalate	µg/L							
69	4-Bromophenyl Phenyl Ether	µg/L							
70	Butylbenzyl Phthalate	µg/L							
71	2-Chloronaphthalene	µg/L							
72	4-Chlorophenyl Phenyl Ether	µg/L							
73	Chrysene	µg/L							
74	Dibenzo(a,h)Anthracene	µg/L							
75	1,2-Dichlorobenzene	µg/L							
76	1,3-Dichlorobenzene	µg/L							
77	1,4-Dichlorobenzene	µg/L							
78	3,3 Dichlorobenzidine	µg/L							
79	Diethyl Phthalate	µg/L							
80	Dimethyl Phthalate	µg/L							
81	Di-n-Butyl Phthalate	µg/L							
82	2,4-Dinitrotoluene	µg/L							
83	2,6-Dinitrotoluene	µg/L							
84	Di-n-Octyl Phthalate	µg/L							
85	1,2-Diphenylhydrazine	µg/L							
86	Fluoranthene	µg/L							
87	Fluorene	µg/L							
88	Hexachlorobenzene	µg/L							
89	Hexachlorobutadiene	µg/L							

CTR No.	Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
90	Hexachlorocyclopentadiene	µg/L							
91	Hexachloroethane	µg/L							
92	Indeno(1,2,3-cd)Pyrene	µg/L							
93	Isophorone	µg/L							
94	Naphthalene	µg/L							
95	Nitrobenzene	µg/L							
96	N-Nitrosodimethylamine	µg/L							
97	N-Nitrosodi-n-Propylamine	µg/L							
98	N-Nitrosodiphenylamine	µg/L							
99	Phenanthrene	µg/L							
100	Pyrene	µg/L							
101	1,2,4-Trichlorobenzene	µg/L							
102	Aldrin	µg/L							
103	alpha-BHC	µg/L							
104	beta-BHC	µg/L							
105	gamma-BHC	µg/L							
106	delta-BHC	µg/L							
107	Chlordane (303d listed)	µg/L							
108	4,4'-DDT (303d listed)	µg/L							
109	4,4'-DDE	µg/L							
110	4,4'-DDD	µg/L							
111	Dieldrin (303d listed)	µg/L							
112	alpha-Endosulfan	µg/L							
113	beta-Endolsulfan	µg/L							
114	Endosulfan Sulfate	µg/L							
115	Endrin	µg/L							
116	Endrin Aldehyde	µg/L							
117	Heptachlor	µg/L							
118	Heptachlor Epoxide	µg/L							
119-125	PCBs sum (303d listed)	µg/L							
126	Toxaphene	µg/L							

Other Pollutants

Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
TPH as gasoline	µg/L							
TPH as diesel	µg/L							
TPHs (other than gasoline and diesel)	µg/L							
Sulfate	mg/L							
Manganese	µg/L							

B. EFFLUENT DISCHARGE DATA (for existing dischargers only)

Discharge Point No. _____ – Conventional and Non-Conventional Pollutants

Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
pH	s.u.							
Turbidity	NTU							
Total Dissolved Solids (for construction and dewatering projects)	mg/L							
Dissolved Oxygen	mg/L							
Chlorine Residual	mg/L							
Acute Toxicity	% survival							
1,4-Dioxane	µg/L							
Ethylene Dibromide	µg/L							
Trichloro-trifluoroethane	µg/L							

Discharge Point No. _____ – Priority Pollutants

CTR No.	Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
1	Antimony	µg/L							
2	Arsenic	µg/L							
3	Beryllium	µg/L							
4	Cadmium	µg/L							
5a	Chromium (III)	µg/L							
5b	Chromium (VI)	µg/L							
6	Copper	µg/L							
7	Lead	µg/L							
8	Mercury	µg/L							
9	Nickel	µg/L							
10	Selenium	µg/L							
11	Silver	µg/L							
12	Thallium	µg/L							
13	Zinc	µg/L							
14	Cyanide	µg/L							
15	Asbestos	fibers/L							
16	2,3,7,8-TCDD (Dioxin)	µg/L							
17	Acrolein	µg/L							
18	Acrylonitrile	µg/L							
19	Benzene	µg/L							
20	Bromoform	µg/L							
21	Carbon Tetrachloride	µg/L							
22	Chlorobenzene	µg/L							
23	Chlorodibromomethane	µg/L							
24	Chloroethane	µg/L							
25	2-Chloroethylvinyl ether	µg/L							
26	Chloroform	µg/L							
27	Dichlorobromomethane	µg/L							
28	1,1-Dichloroethane	µg/L							
29	1,2-Dichloroethane	µg/L							
30	1,1-Dichloroethylene	µg/L							
31	1,2-Dichloropropane	µg/L							
32	1,3-Dichloropropylene	µg/L							
33	Ethylbenzene	µg/L							
34	Methyl Bromide	µg/L							
35	Methyl Chloride	µg/L							
36	Methylene Chloride	µg/L							
37	1,1,2,2-Tetrachloroethane	µg/L							

CTR No.	Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
38	Tetrachloroethylene	µg/L							
39	Toluene	µg/L							
40	1,2-Trans-Dichloroethylene	µg/L							
41	1,1,1-Trichloroethane	µg/L							
42	1,1,2-Trichloroethane	µg/L							
43	Trichloroethylene	µg/L							
44	Vinyl Chloride	µg/L							
45	2-Chlorophenol	µg/L							
46	2,4-Dichlorophenol	µg/L							
47	2,4-Dimethylphenol	µg/L							
48	2-Methyl- 4,6-Dinitrophenol	µg/L							
49	2,4-Dinitrophenol	µg/L							
50	2-Nitrophenol	µg/L							
51	4-Nitrophenol	µg/L							
52	3-Methyl 4-Chlorophenol	µg/L							
53	Pentachlorophenol	µg/L							
54	Phenol	µg/L							
55	2,4,6-Trichlorophenol	µg/L							
56	Acenaphthene	µg/L							
57	Acenaphthylene	µg/L							
58	Anthracene	µg/L							
59	Benzidine	µg/L							
60	Benzo(a)Anthracene	µg/L							
61	Benzo(a)Pyrene	µg/L							
62	Benzo(b)Fluoranthene	µg/L							
63	Benzo(ghi)Perylene	µg/L							
64	Benzo(k)Fluoranthene	µg/L							
65	Bis(2-Chloroethoxy)Methane	µg/L							
66	Bis(2-Chloroethyl)Ether	µg/L							
67	Bis(2-Chloroisopropyl)Ether	µg/L							
68	Bis(2-Ethylhexyl)Phthalate	µg/L							
69	4-Bromophenyl Phenyl Ether	µg/L							
70	Butylbenzyl Phthalate	µg/L							
71	2-Chloronaphthalene	µg/L							
72	4-Chlorophenyl Phenyl Ether	µg/L							
73	Chrysene	µg/L							
74	Dibenzo(a,h)Anthracene	µg/L							
75	1,2-Dichlorobenzene	µg/L							
76	1,3-Dichlorobenzene	µg/L							
77	1,4-Dichlorobenzene	µg/L							
78	3,3 Dichlorobenzidine	µg/L							
79	Diethyl Phthalate	µg/L							
80	Dimethyl Phthalate	µg/L							
81	Di-n-Butyl Phthalate	µg/L							
82	2,4-Dinitrotoluene	µg/L							
83	2,6-Dinitrotoluene	µg/L							
84	Di-n-Octyl Phthalate	µg/L							
85	1,2-Diphenylhydrazine	µg/L							
86	Fluoranthene	µg/L							
87	Fluorene	µg/L							
88	Hexachlorobenzene	µg/L							
89	Hexachlorobutadiene	µg/L							
90	Hexachlorocyclopentadiene	µg/L							
91	Hexachloroethane	µg/L							
92	Indeno(1,2,3-cd)Pyrene	µg/L							
93	Isophorone	µg/L							
94	Naphthalene	µg/L							
95	Nitrobenzene	µg/L							
96	N-Nitrosodimethylamine	µg/L							

CTR No.	Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
97	N-Nitrosodi-n-Propylamine	µg/L							
98	N-Nitrosodiphenylamine	µg/L							
99	Phenanthrene	µg/L							
100	Pyrene	µg/L							
101	1,2,4-Trichlorobenzene	µg/L							
102	Aldrin	µg/L							
103	alpha-BHC	µg/L							
104	beta-BHC	µg/L							
105	gamma-BHC	µg/L							
106	delta-BHC	µg/L							
107	Chlordane (303d listed)	µg/L							
108	4,4'-DDT (303d listed)	µg/L							
109	4,4'-DDE	µg/L							
110	4,4'-DDD	µg/L							
111	Dieldrin (303d listed)	µg/L							
112	alpha-Endosulfan	µg/L							
113	beta-Endolsulfan	µg/L							
114	Endosulfan Sulfate	µg/L							
115	Endrin	µg/L							
116	Endrin Aldehyde	µg/L							
117	Heptachlor	µg/L							
118	Heptachlor Epoxide	µg/L							
119-125	PCBs sum (303d listed)	µg/L							
126	Toxaphene	µg/L							

Discharge Point No. _____ – Other Pollutants

Parameter	Units	Average Monthly Effluent Limitation	Maximum Daily Effluent Limitation	Maximum Concentration	Range	Method Detection Limit	Test Method	Number of Samples
TPH as gasoline	µg/L							
TPH as diesel	µg/L							
TPHs (other than gasoline and diesel)	µg/L							
Sulfate	mg/L							
Foaming Agents	µg/L							
Electric conductivity	mmhos/cm							
Manganese	µg/L							

X. ENGINEERING CERTIFICATION REPORT

Attach the engineering certification report signed and stamped by the Design Professional Engineer licensed to practice in California and as identified in section VI.D. The Engineering Certification Report shall include a location map, discharge flow path map, process flow diagram, unit spec sheets, and a description of operation and maintenance procedures. Please see the next section for further details of the documents *required* as part of the Engineering Certification Report and NOI application package.

XI. INSTRUCTIONS FOR NOTICE OF INTENT FORM

These instructions explain how to complete the NOI. Submittal of an NOI indicates a Discharger's commitment to comply with the terms of this Order.

A. Certification

The person certifying the NOI form must meet the requirements described in Attachment D section V.B.2. *Review these requirements carefully.* Specific requirements apply to corporations, partnerships, sole proprietorships, and public agencies.

B. Application Fee and Mailing Instructions

The NOI is incomplete without the applicable permit fee. Submit the fee by sending a check payable to "State Water Resources Control Board" to the Regional Water Board address indicated on the NOI form. A separate fee is required for each non-contiguous site. At the time of permit reissuance, the application fee was **$11,877**. The State Water Resources Control Board may modify the fee at any time. For the current fee, see http://www.waterboards.ca.gov/resources/fees/water_quality/#npdes).

Submit this form (with signatures and attachments) via email to RB2-VOC-Fuel@waterboards.ca.gov, or as otherwise indicated at www.waterboards.ca.gov/sanfranciscobay/water_issues/programs/general_permits.shtml.

C. Discharge Type

Select one of the three options to: (1) obtain coverage under this Order as a new discharger, (2) modify the NOI as an existing discharger, or (3) renew permit coverage. Please note that the discharger shall file with the Executive Officer an amended NOI at least 30 days before making any material change in the character, location, or volume of the discharge. Requests to renew permit coverage shall be submitted no later than April 7, 2023.

D. Project Information

Provide a brief description of the project and activities to be covered by this Order, including its completion date, if any.

E. Utility Information

Provide information of the local utility agencies that were contacted for the proposed discharge. Please note that Resolution No. 88-160, adopted by the Regional Water Board on October 19, 1988, urges dischargers of extracted groundwater to reclaim their effluent and that when reclamation is not technically and/or economically feasible, to discharge to a POTW.

F. Facility Information

1. **Facility name.** Provide the name of the treatment facility, street address or a description of the facility location, and information of the contact person for the facility.

2. **Duly Authorized Representative.** The person described in Attachment D section V.B.2 and signing the certification in section I of the NOI form may designate a duly authorized representative to sign permit-related submittals in accordance with Attachment D section V.B.3. Alternatively, a duly authorized representative may be designated through separate correspondence, particularly if the NOI form language does not sufficiently limit the delegated authority. For applicants, please note that if a duly authorized representative is designated, a

written authorization shall be submitted to the Regional Water Board along with the NOI. If any changes occur to the authorization, a new authorization satisfying the requirements under Attachment D section V.B.3 must be submitted to the Regional Water Board prior to or together with any reports, information, or applications signed by a duly authorized representative.

3. **Billing information.** Indicate to whom the annual permit fee should be billed.

4. **Design Professional Engineer's Information.** Provide the name and contact information of the practicing professional engineer licensed to practice in California who designed the groundwater treatment system and certified the Engineering Certification Report. The Design Professional Engineer is also responsible for certifying any proposed changes to the groundwater treatment system.

5. **Operation and Maintenance Professional Engineer's Information.** Provide the name and contact information of the professional engineer licensed to practice in California who is responsible for the operations and maintenance procedures of the treatment facility and certification of its Operations and Maintenance Manual.

G. Discharge Location Information

Provide a brief description of the discharge flow path from the exit point of the treatment system to the outfall(s) in the receiving water(s). Identify all points where the facility discharges wastewater to surface waters or storm drains, and provide latitudes and longitudes (using decimal degrees with at least five decimal places). Identify the receiving waters to which discharges flow into (permitted discharges may flow through storm drains if authorized by storm drain system owners) and confirm if access to the receiving water(s) are unrestricted. Attach additional pages as necessary.

H. Treatment System Information

1. **General information.** Provide the groundwater treatment design capacity as certified by the Design Professional Engineer licensed to practice in California and as identified in section VI.D. Additionally, provide a narrative description of potential pollutants in the discharge. Finally, specify the frequency of discharge and estimated percentage of total effluent reclaimed for any applicable activities such as dust suppression, soil compaction, irrigation of landscape or agriculture, and industrial water supply. Please note that water reclamation consisting of recharge or reinjection is not authorized under this Order.

2. **Unit information.** Provide information on the quantity and type of units in the groundwater extraction and treatment system including any applicable characteristics such as size, capacity, ratings, depth, dosages, etc.

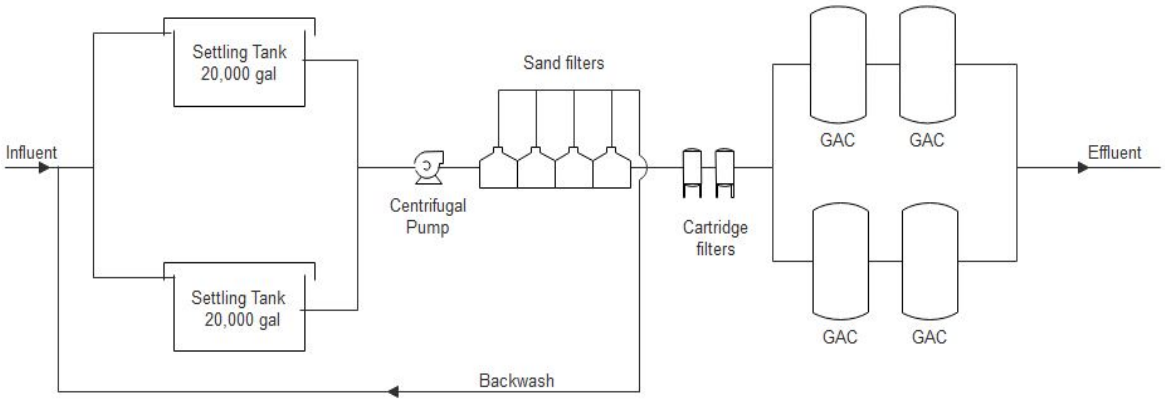
I. Engineering Certification Report

The Engineering Certification Report is a comprehensive report detailing the process and components of the groundwater extraction and treatment system. It provides a background of the site project and a narrative summary of environmental investigations regarding groundwater impacts at the site, if any. Description of treatment system components may include dewatering wells, groundwater pumps, conveyance systems, storage tanks, settling tanks, process pumps, filtering vessels, granular activated carbon tanks, chemical injection systems, and pH adjustment equipment (common in concrete pour operations). Additionally, it shall include:

1. **Location map.** A topographic map (or maps) showing the legal facility boundaries; location of treatment units and processes; intake and discharge point locations; and receiving waters (or storm drains).

2. **Discharge flow path map.** An aerial map or satellite image illustrating the proposed path of the discharge from the point of exit of the treatment system to the point of discharge in the receiving water. All applicable streets, land features, points of entry in the storm drain system, receiving water(s), and distances should be labeled and displayed on the map.

3. **Process flow diagram.** A diagram showing the water flow from intake to discharge including all treatment system components and applicable sampling ports (see example below). Indicate how the discharge flows from where it is generated to where it exits the treatment system. Estimate approximate flows, as necessary.



4. **Unit spec sheets.** Datasheets that provide engineering characteristics of treatment system units.

5. **Operation and maintenance procedures.** A copy of the Table of Contents from the Operation and Maintenance Manual of the treatment system. Please note that the Operation and Maintenance Manual of the facility shall be submitted in the Start-up Phase Report.

The Engineering Certification Report shall certify that the proposed treatment system will treat the proposed dewatering discharge and comply with the Order's requirements. Finally, as required by the California Business and Professions Code section 6735, the report shall be prepared by, or under the supervision of, a Professional Engineer licensed to practice in California and shall be signed and stamped by the same.