



UTAH DEPARTMENT of ENVIRONMENTAL QUALITY
WATER QUALITY

UPDES General Permit For Treated Ground Water

NOI

Notice of Intent (NOI)
for Coverage Under the
UPDES General Permit for Treat Ground Water
UPDES Permit No. UTG790000

Submission of this Notice of Intent constitutes notice that the party identified in Part II. of this form intends to be authorized by UPDES General Permit No. UTG790000, issued for discharges of treated ground water to surface waters in the State of Utah. Coverage of this permit obligates such dischargers to comply with the terms and conditions of the permit.

PLEASE PROVIDE ALL REQUIRED INFORMATION

You must print or type legibly; forms that are not legible, incomplete, or unsigned will be returned. You must maintain a copy of the completed NOI form for your records.

PART I. (NOTE: THIS SECTION FOR DIVISION OF WATER QUALITY USE ONLY. *Skip to Part II.*)

THIS SECTION FOR DIVISION OF WATER QUALITY USE ONLY

Coverage Number: UTG79- _____

COVERAGE DATES: _____ / _____ /20 _____ TO _____ / _____ /20 _____

RECEIVING WATER: _____ CLASSIFICATION: _____

ADDITIONAL MONITORING AND/OR EFFLUENT LIMITATIONS:

DIVISION PERMIT OF COVERAGE ISSUANCE:

DATE: _____ / _____ / 20 _____ SIGNATURE: _____

Once coverage is assigned discharge monitoring reports will be generated and provided to the operator.

PART II. CONTACT INFORMATION (used for permit correspondence)

Organization Name: _____

Contact Name: _____ Title: _____

Phone Number: _____ Email: _____

Mailing Address: Street (PO Box): _____

City: _____ State: _____ Zip: _____

Owner/Manager Name: _____

Phone Number: _____ Email: _____

Legal Status of Owner/Operator: _____



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PART III. PROJECT SITE LOCATION

Project Lead Name: _____ Project Lead Phone: _____

Project Site Name: _____

Project Street/Location: _____

City: _____ County: _____ State: UTAH Zip: _____

Project Site Phone: _____

Project latitude and longitude location in **degree decimal**.

Latitude _____ Longitude _____

PART IV. PROJECT DESCRIPTION

Description of cleanup site, including a description of the source(s) of contamination and the extent of contamination and any additional contamination anticipated in the local ground water from other possible sources:

PART V. MAP

Attach a topographical map of the area extending to at least 1 mile beyond the property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its waste treatment, storage, or disposal facilities, and discharge locations. Include all springs, rivers, and other surface water bodies in the map.

Map Attached

PART VI. PROJECT DATES

Filing your permit will grant you one year of coverage from the filing date regardless of the project duration outlined below. If you project ends early, you must file a Notice of Termination (NOT).

Project Start Date: _____ / _____ /20 _____

Project Completion Date: _____ / _____ /20 _____

Notes:

PART VII. DISCHARGE LOCATION(S)

List the Latitude and Longitude of the Discharge Point(s) in **degree decimal** with the Receiving Water.



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Outfall No.	Latitude	Longitude	Receiving Surface Waters (Name)

Are any of the discharge points located in the Colorado River Basin? Yes No

Does the receiving water designated uses include **Class 1C** drinking water as defined by R317-2-13? Yes No

Class 1C waters are “Protected for domestic purposes with prior treatment by treatment processes as required by the Utah Division of Drinking Water”.

Is the project located on tribal lands? Yes No

If the facility is located on Tribal Lands the permittee must contact EPA Region VIII except for facilities on the Navajo Reservation or the Goshute Reservation, for which the permittee must contact EPA Region IX.

Does the discharge flow into a storm drain before entering the receiving water body? Yes No

Be Advised: Discharges to storm drains must be approved by the storm drain authority/owner.

Is the project part of the Utah Voluntary Cleanup Program (VCP)? Yes No

Description of Discharge location and conveyance system to live water:

PART VIII. INFLUENT AND EFFLUENT CONCENTRATIONS

Complete attached **Table A** and list any additional pollutants (not included in Table A) with influent and/or effluent concentrations here:

PART VIII. INFLUENT AND EFFLUENT CONCENTRATIONS *continued*

Discharge **IS** to Class 1C Water:



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1. In addition to completing Table A, influent sampling including total toxic organics (TTO results must be attached. See attached Table B for list of TTO constituents. No permits for discharge to Class 1C Waters will be issued prior to influent sampling being conducted and results received.
2. An analysis of alternative disposal methods of the treated ground water must be attached. This analysis must include an economic comparison of the alternative disposal methods. If no other disposal methods are feasible the analysis must demonstrated the consideration of other methods such as trucking and/or discharge to a treatment facility.
- 3.

Discharge is **NOT** to Class 1C Water:

1. In addition to completing Table A, influent sampling including total toxic organics **OR** a report documenting why influent sampling is not needed for this project and an estimation of anticipated influent constituents concentrations.
2. In accordance with *Part I.D.* the permittee may petition Total Petroleum Hydrocarbon (TPH-GRO and TPH-DRO) analyses may be substituted for the TTO analyses. If approved maximum daily effluent limitations of 1.0 mg/LTPH-GRO and TPH-DRO will be substituted for the TTO effluent limitation.

PART IX. DESCRIPTION OF TREATMENT SYSTEM

Description of the current or proposed treatment system, including discharge flow rate (attach a flow diagram):

FLOW DIAGRAM ATTACHED

PART X. CERTIFICATION AND SIGNATURE

I certify under penalty of law that this submission was 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 person(s) 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 submitted false information, including the possibility of fine and imprisonment for knowing violations. I further certify that the applicant has sufficient title, right or interest in the property where the proposed activity occurs.

PRINT Signatory Authority	Signature	Title	Date
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PART XI. ADDITIONAL APPLICATIONS AND APPROVALS

1. You may need to file for a temporary application to appropriate water rights form the Division of Water Rights. Call 801.583.7240 for more information.
2. You may need to obtain approval from the Division of Air Quality if any air stripping equipment is to be employed at the cleanup site. Call 801.536.4000 for more information.



The Division of Water Quality may request addition information.

Important:

The UPDES Permit Application, must be signed as follows: (Refer to *Part IV.G. Signatory Requirements*, of the General Permit.)

- 1) For a corporation, a responsible corporate officer shall sign the NOT, a responsible corporate officer means:
 - a. A President, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy- or decision-making functions for the corporation; or
 - b. The manager of one or more manufacturing, production, or operating facilities, if
 - i. The manager is authorized to make management decisions that govern the operation of the regulated facility, including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental statutes and regulations;
 - ii. The manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and
 - iii. Authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- 2) For a partnership of sole proprietorship, the general partner or the proprietor, respectively; or
- 3) For a municipality, state or other public agency, either a principal executive officer or ranking elected official shall sign the application; in this subsection, a principal executive officer of any agency means:
 - a. The chief executive officer of the agency; or
 - b. A senior executive officer having responsibility for the overall operations of a principal geographic unit or division of the agency.

Where to File the UPDES Permit Application form:

Please submit the original form with signature via the DWQ Electronic Documents Submission Portal:

<https://deq.utah.gov/water-quality/water-quality-electronic-submissions>

You can also send by mail or hand deliver to the below address. Remember to retain a copy for your records.

**Division of Water Quality
Department of Environmental Quality
195 North 1950 West
PO Box 144870
Salt Lake City, UT 84114-4870**

TABLE A

Analysis of Treatment System Influent and Effluent



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You must report concentrations for each pollutant listed. Please refer to Part I.D. and Part I.E. of the permit or NOI to determine if actual influent values are required or if estimated values will be accepted.

Are influent values: **Estimated** Or **Actual**
 Are effluent values: **Estimated** Or **Actual**

Parameters	Influent			Effluent		
	Avg (mg/L)	Max (mg/L)	Number of Samples	Avg (mg/L)	Max (mg/L)	Number of Samples
pH (range in standard units)						
Total Suspended Solids						
Total Dissolved Solids						
Total Lead						
Oil & Grease						
Benzene						
Toluene						
Ethylbenzene						
Xylenes						
Naphthalene						
MTBE						
TTO's (attach full list if required)						

TABLE B
Metals Detection to Determine Required Monitoring

Effluent Characteristics	Results (mg/L)	Effluent Limitations (mg/L)
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Arsenic		0.01 / 0.10
Barium		1.0
Beryllium		0.0004
Cadmium		0.026
Chromium		0.05 / 0.10
Copper		0.003
Mercury		0.002
Selenium		0.05
Silver		0.05
Zinc		0.04



TABLE C

Total Toxic Organic List

(These are the parameters that shall be analyzed for initially determining the total toxic organic (TTO) concentration of the wastewater)

Volatile Organic Compounds

Acrolein
Acrylonitrile
Benzene
Bromoform
Carbon Tetrachloride
Chlorobenzene
Chlorodibromomethane
Chloroethane
2-Chloroethylvinyl Ether
Chloroform
Dichlorobromomethane
1,1-Dichloroethane
1,2-Dichloroethane
1,1-Dichloroethylene
1,2-Dichloropropane
1,3-Dichloropropylene
Ethylbenzene
Methyl Bromide
Methyl Chloride
Methylene Chloride
1,1,2,2-Tetrachloroethane
Tetrachloroethylene
Toluene
1,2-Cis,Trans- Dichloroethylene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethylene
Vinyl Chloride

**Semi-Volatile Organic
Compounds**

2-Chlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
4,6-Dinitro-O-Cresol
2,4-Dinitrophenol
2-Nitrophenol
4-Nitrophenol
P-Chloro-M-Cresol
Pentachlorophenol
Phenol
2,4,6-Trichlorophenol
Acenaphthene
Acenaphthylene
Anthracene
Benzidine
Benzo(A)Anthracene
Benzo(A)Pyrene
3,4-Benzofluoranthene
Benzo(Ghi)Perylene
Benzo(K)Fluoranthene
Bis(2-Chloroethoxy)Methane
Bis(2-Chloroethyl)Ether
Bis(2-Chloroisopropyl)Ether
Bis (2-Ethylhexyl)Phthalate
4-Bromophenyl Phenyl Ether
Butylbenzyl Phthalate
2-Chloronaphthalene
Ether
4-Chlorophenyl Phenyl
Chrysene
Dibenzo(A,H)Anthracene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
3,3'-Dichlorobenzidine
Diethyl Phthalate
Dimethyl Phthalate
Di-N-Butyl Phthalate
2,4-Dinitrotoluene
2,6-Dinitrotoluene
Di-N-Octyl Phthalate
1,2-Diphenylhydrazine (As Azobenzene)
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene

Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-Cd)Pyrene
Isophorone
Napthalene
Nitrobenzene
N-Nitrosodimethylamine
N-Nitrosodi-N-Propylamine
N-Nitrosodiphenylamine
Phenanthrene
Pyrene
1,2,4-Trichlorobenzene

Pesticides and PCBs

Aldrin
Alpha-Bhc
Beta-Bhc
Gamma-Bhc
Delta-Bhc
Chlordane
4,4'-Ddt
4,4'-Dde
4,4'-Ddd
Dieldrin
Alpha-Endosulfan
Beta-Endosulfan
Endosulfan Sulfate
Endrin
Endrin Aldehyde
Heptachlor
Heptachlor Epoxide
Pcb-1242
Pcb-1254
Pcb-1221
Pcb-1232
Pcb-1248
Pcb-1260
Pcb-1016
Toxaphene