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|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **UPDES General Permit For**  **Treated Groundwater and Surface Water** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **NOI** | | | | **Notice of Intent (NOI)**  for Coverage Under the  UPDES General Permit for Treated Groundwater and Surface 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 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:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | |  |
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| **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 | | | | | | | |  | | | | | | | | | | | |  |
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| **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 groundwater from other possible sources: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  |
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| **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: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| **PART VII. DISCHARGE LOCATION(S)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| List the Latitude and Longitude of the Discharge Point(s) in **degree decimal** with the Receiving Water. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | **Outfall No.** | **Latitude** | | | | | **Longitude** | | | | | | | | | **Receiving Surface Waters (Name)** | | | | | | | | | | | | | | |  |
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|  | 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: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  |
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| **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: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **PART VIII. INFLUENT AND EFFLUENT CONCENTRATIONS *continued*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Discharge **IS** to Class 1C Water: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 groundwater 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | 🞏 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.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  |
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|  | **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:
   1. 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
   2. The manager of one or more manufacturing, production, or operating facilities, if
      1. 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:
      2. The manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and
      3. 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;
   1. The chief executive officer of the agency; or
   2. 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**

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)** |
| **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)

Fluroranthene

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