

**STATE OF ALASKA**  
**DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**WASTEWATER DISPOSAL GENERAL PERMIT**

for

**Class I**  
**Injection Wells**

**PERMIT NO. 2005DB0001**

This Wastewater Disposal General permit is available for use by persons who have been issued a Class I injection well permit by the Environmental Protection Agency (EPA) from the Underground Injection Control (UIC) program, which is authorized under Part C of the Safe Drinking Water Act. Class I injection wells are used for deep injection of non-hazardous sanitary, domestic or industrial fluids beneath the lowermost underground source of drinking water (USDW). This permit satisfies state wastewater regulations 18 AAC 72.010(a), 18 AAC 72.215 and 18 AAC 72.500(a) which require a permit for disposal of domestic or non-domestic wastewater.

**Waste Disposals Eligible for Coverage under this Permit.** This general permit applies to:

- Injection of wastewater, which is already approved for disposal by the EPA UIC program, beneath the lowermost USDW through an approved Class I underground injection well. EPA is the primary jurisdictional authority for deep subsurface injection wells. For more information visit [http://yosemite.epa.gov/r10/water.nsf/UIC/uic\\_program](http://yosemite.epa.gov/r10/water.nsf/UIC/uic_program)

**Waste Disposals Not Covered by this Permit.** This general permit does not apply to:

- Class II, Class III or Class V injection wells in the UIC program
- Class I wells that do not have a current permit from EPA.
- Injection of hazardous or radioactive waste

**Notice of Disposal Requirements.**

- A Notice of Disposal (NOD) must be submitted to the Department of Environmental Conservation on its approved form (attached), along with a copy of the EPA UIC authorization.
- Written authorization from the Department is required before disposal may occur under this permit.

**General Provisions.**

A wastewater disposal, regardless of volume, authorized under this permit is subject to the conditions and stipulations contained in sections 1 and 2 of this permit. A disposal authorized

under this permit is also subject to the conditions contained in the active UIC permit issued by EPA, which are incorporated herein by reference, and to any additional conditions required in the Department's written authorization for that particular discharge.

Department regulations require that a request for renewal of a wastewater disposal authorization under this permit be received at least 30 days prior to the expiration of the current authorization. If a renewal request is not received 30 days prior to the authorization's expiration date, the authorization cannot be renewed or administratively continued, and a new permit authorization must be issued.

This permit does not relieve a person of the responsibility of obtaining other required permits if any.

This permit is issued under provisions of Alaska Statutes 46.03, the Alaska Administrative Code as amended or revised, and other applicable State laws and regulations. Any rights or privileges inuring to the benefit of the EPA in the Underground Injection Control permit, including any right to enter, inspect, sample, and have access to records, also inure to the benefit of the Department.

This permit is effective on issuance and expires April 21, 2010 . This permit may be terminated or modified in accordance with AS 46.03.120.

April 22, 2005

Date Issued

Signature on File

Gretchen Keiser, Manager

Wastewater Discharge Program

April 21, 2010

Expiration Date

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# 1 OPERATIONAL REQUIREMENTS

## 1.1 NOTICE OF DISPOSAL AND AUTHORIZATION

- 1.1.1 A person wishing to dispose of wastewater under this permit must submit a Notice of Disposal and a copy of a current EPA UIC authorization to the Anchorage office of the Alaska Department of Environmental Conservation (address listed in Section 1.5.2). The Notice of Disposal form is located in Section 4 and an electronic form can be found at: [http://www.state.ak.us/dec/water/wwdp/online\\_permitting/permitentry.htm](http://www.state.ak.us/dec/water/wwdp/online_permitting/permitentry.htm) or can be requested from the department at the telephone number listed in Section 1.5.2.
- 1.1.2 To be authorized by the department to operate under this permit, the appropriate permit fee must be paid at the time the Notice of Disposal is submitted to the department. The fee can be found at [http://www.state.ak.us/dec/water/wwdp/online\\_permitting/negotiated\\_fees.htm](http://www.state.ak.us/dec/water/wwdp/online_permitting/negotiated_fees.htm), or can be determined by contacting the department.
- 1.1.3 The department will, in its discretion, deny use of this general permit, or attach or waive conditions appropriate for the disposal activity, as specified in the written authorization for a particular disposal (referred to simply as “the authorization” hereinafter).
- 1.1.4 The authorization is effective for the period beginning on the effective date of the authorization and lasting through its expiration date.
  - 1.1.4.1 If this permit is modified or renewed during the term of the written authorization, the new permit requirements will apply for the remaining period of the authorization.
  - 1.1.4.2 If EPA modifies or reissues the Class I UIC permit during the term of this general permit authorization, the facility remains covered under its existing state authorization until either the department renews this general permit and a new written authorization is issued; or the permittee applies for and receives a new authorization from the department.
  - 1.1.4.3 Authorization under this State general permit is contingent upon a facility having an active EPA Class I UIC permit.
  - 1.1.4.4 If the EPA issued Class I UIC permit terminates or expires without being administratively extended, the authorization under this State general permit also terminates.

## 1.2 REQUIREMENTS

1.2.1 During the period beginning on the effective date of the authorization and lasting through its expiration date, a permittee is authorized to inject wastewater as specified in this section.

1.2.1.1 The permittee shall comply with the conditions set out by the current EPA-issued Class I UIC permit and any additional conditions set out by the department in the authorization issued under this State general permit.

1.2.1.2 A plan review of treatment and disposal systems for domestic or non-domestic wastewater required under 18 AAC 72.220 and 18 AAC 72.600 is not required for a permittee to be authorized under this permit. The EPA-issued Class I UIC permit covers the construction, operation and closure requirements for a Class I injection well.

## 1.3 MONITORING

1.3.1 During the disposal period the permittee must adhere to the monitoring requirements specified by the EPA-issued Class I UIC permit and any monitoring requirements added by the department.

## 1.4 MANAGEMENT PRACTICES

1.4.1 The permittee shall take whatever steps are necessary to maintain the injection operation in such a manner that the terms and conditions of this permit are met. This includes leaving the injection site, including any treatment system, in a condition that will not cause degradation to any underground source of drinking water or surface water beyond that resulting from natural causes. Disposal authorized by this permit may be injected into and degrade fluids beneath the lowermost USDW approved for disposal by EPA.

## 1.5 REPORTING

1.5.1 The permittee must submit to the department an annual report that describes the type and quantity of waste injected as well as the quarterly report forms (EPA form 7520-8); the report must be postmarked, faxed, or emailed to the department no later than January 31 of the following year.

1.5.2 Signed copies of the annual report and other reports requested by the department, shall be submitted to the following address:

Alaska Department of Environmental Conservation

Division of Water  
555 Cordova Street  
Anchorage, Alaska 99501-2617  
Telephone (907) 269-7500  
Fax (907) 269-7652  
Email: [wq\\_permit@dec.state.ak.us](mailto:wq_permit@dec.state.ak.us)

- 1.5.3 Copies of completion reports, mechanical integrity tests, or other technical reports required by the EPA-issued Class I UIC permit do not need to be submitted to the department.
- 1.5.4 Knowingly making a false statement, by the permittee, the operator, or other employees, including contractors, on any such report may result in the imposition of criminal penalties as provided under AS 46.03.790.

## 1.6 RECORDS RETENTION

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed, calibration and maintenance of instruments, and recordings from continuous monitoring instruments shall be retained in Alaska for three years for observation by the department. Upon request from the department, the permittee shall submit a certified copy of such records.

## 1.7 CHANGE IN INJECTION

An injection authorized herein shall comply with the terms and conditions of this permit and the authorization. The injection of any hazardous waste, radioactive waste or non-hazardous waste not noted on the EPA permit application shall constitute noncompliance with the permit. Any anticipated construction changes, flow increases, or process modifications that will result in new, different, or increased injections of pollutants and that will cause a violation of this permit's limitations are not allowed under this permit and must be reported by submitting to the department a revised Notice of Disposal or an individual waste disposal permit application.

## 1.8 NON-COMPLIANCE NOTIFICATION

- 1.8.1 If, for any reason, the permittee does not comply with any term or condition specified in this permit or in the authorization, the permittee shall take the necessary corrective action immediately. A report of the noncompliance shall be sent to the department within 24 hours of becoming aware of a non-compliance that may threaten public health or the environment. This report shall be by telephone, fax, email, or in the absence of these avenues, by mail.
- 1.8.2 A written, follow up report shall be sent to the department within seven (7) days of a non-compliance event. The written report shall contain, but is not limited to:
  - 1.8.2.1 Times and dates during which the event occurred and when the non-compliance was corrected.
  - 1.8.2.2 A detailed description of the event, including the quantity and type of materials causing the non-compliance.
  - 1.8.2.3 Details of any actual or potential impact on the receiving environment or public health.
  - 1.8.2.4 Details of actions taken or to be taken to correct the cause(s) of the event and to remedy any damage which results from the event.

## 1.9 RESTRICTION OF PERMIT USE

The department will require a person with a general permit authorization to obtain an individual permit if the department determines that the disposal does not meet the requirements of this permit, the disposal contributes to pollution, there is a change in technology, or the receiving environment or public health is not protected.

## 1.10 TRANSFER OF OWNERSHIP

In the event of any change in control or ownership of the permitted facility, the permittee shall notify by letter the succeeding owner or controller of the existence of this permit and the authorization, and send a copy of the letter to the department at the office listed in Section 1.5.2. The original permittee remains responsible for permit compliance unless and until the succeeding owner or controller agrees in writing to assume such responsibility and the department approves assignment of the permit. The department will not unreasonably withhold such approval.

## 2 GENERAL REQUIREMENTS

## 2.1 ACCESS AND INSPECTION

The permittee shall allow the department access to the permitted facilities at reasonable times to conduct scheduled or unscheduled inspections or tests to determine compliance with this permit, the terms of the authorization to operate under this permit, State laws, and regulations.

## 2.2 INFORMATION ACCESS

Except where protected from disclosure by applicable state or federal law, all records and reports submitted in accordance with the terms and conditions of this permit shall be available for public inspection at the appropriate Alaska Department of Environmental Conservation office.

## 2.3 CIVIL AND CRIMINAL LIABILITY

Nothing in this permit shall relieve the permittee from any potential civil or criminal liability for noncompliance with this permit, their authorization to operate, or applicable laws and regulations.

## 2.4 AVAILABILITY

The permittee shall post or maintain a copy of this permit and their authorization available to the public, employees, and subcontractors at the disposal facility.

## 2.5 ADVERSE IMPACT

The permittee shall take all necessary means to minimize any adverse impacts to the surrounding water or lands resulting from noncompliance with any term or condition specified in this permit and the authorization, including additional monitoring needed to determine the nature and impact of the non-complying activity. The permittee shall clean up and restore all areas adversely impacted by the non-complying activity.

## 2.6 CULTURAL OR PALEONTOLOGICAL RESOURCES

If cultural or paleontological resources are discovered as a result of this disposal activity, work which would disturb such resources is to be stopped, and the Office of History and Archaeology, a Division of Parks and Outdoor Recreation of the Alaska Department of Natural Resources <http://www.dnr.state.ak.us/parks/oha/>, is to be notified immediately at (907) 269-8721.

## 2.7 OTHER LEGAL OBLIGATIONS

This permit does not relieve the permittee from the duty to obtain any other required permits or approvals from the department or from other local, state, or federal agencies,

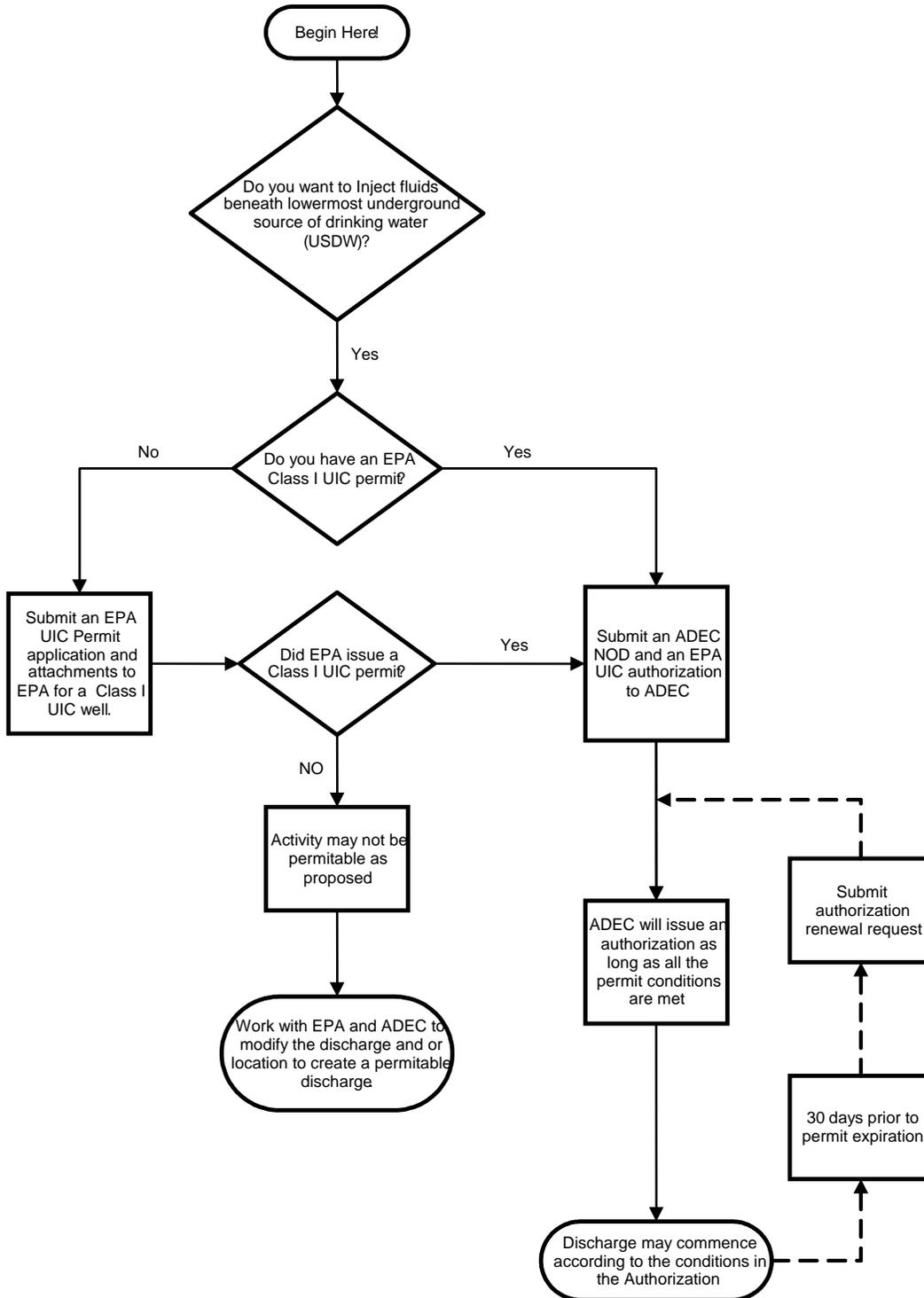
and to comply with the requirements contained in any such permits. All activities conducted and all plan approvals implemented by the permittee pursuant to the requirements of this permit shall comply with all applicable local, state, and federal laws and regulations.

## 2.8 POLLUTION PREVENTION

In order to prevent and minimize present and future pollution, when making management decisions that affect waste generation, the permittee shall consider the following order of priority options as outlined in AS 46.06.021:

- \* waste source reduction,
- \* recycling of waste,
- \* waste treatment, and
- \* waste disposal

### 3 CLASS I INJECTION WELL FLOWCHART



**4 NOTICE OF DISPOSAL FORM**

STATE OF ALASKA  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Water

**NOTICE OF DISPOSAL FOR CLASS I INJECTION WELL**  
**2005DB0001**

*See this General Permit for details on eligibility, requested application information and permit requirements.*

RESPONSIBLE PARTY (owner, operator, or person responsible for overall management of the project):

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Company Name: \_\_\_\_\_ Fax Number: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
\_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_ Zip: \_\_\_\_\_  
Email Address: \_\_\_\_\_

ON SITE CONTACT:

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

FACILITY:

NAICS Code (formerly the Standard Industrial Code (SIC)): \_\_\_\_\_  
Facility Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_ Fax Number: \_\_\_\_\_  
\_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_ Zip: \_\_\_\_\_  
Physical Address: \_\_\_\_\_

CONSULTANT:

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Company Name: \_\_\_\_\_ Fax Number: \_\_\_\_\_

EPA CLASS 1 INJECTION PERMIT NUMBER: \_\_\_\_\_

DATES OF PERMIT (mm/dd/yy):

Beginning Date From: \_\_\_\_\_ Ending Date To: \_\_\_\_\_

INJECTION FLOW RATES AND VOLUME:

Average: \_\_\_\_\_ Gallons Per Day  
Maximum: \_\_\_\_\_ Gallons Per Day  
Estimated Total Injection Volume: \_\_\_\_\_ Gallons

LOCATION OF INJECTION POINT(S):

Receiving Area Type (e.g., formation name, depth below ground surface) : \_\_\_\_\_

\_\_\_\_\_  
Name of Receiving Area: \_\_\_\_\_

Latitude / Longitude of Injection Point(s) in either *decimal degrees* or in *degrees:minutes:seconds*:

*Decimal Degrees:* Latitude: \_\_\_\_\_. \_\_\_\_\_ ° Longitude: \_\_\_\_\_. \_\_\_\_\_ °

OR

*Degrees:Minutes:Seconds:* Latitude: \_\_\_\_\_:\_\_\_\_\_:\_\_\_\_\_ Longitude: \_\_\_\_\_:\_\_\_\_\_:\_\_\_\_\_

Lat/Long Coordinate Source:  Internet  MAP  GPS/Survey

**MAPS OF INJECTION POINT(S):**

Submit to ADEC two maps: a map that shows the general location of the facility and a detailed map that shows the facility layout monitoring wells, injection wells, drinking water wells, abandoned wells, water bodies and other pertinent information within the area of interest (0.5 mile radius of the facility). Maps may be drawings, USGS maps, or aerial photographs and must include a scale.

**GENERAL DESCRIPTION OF THE PROJECT:**

Describe where the wastewater to be injected comes from; the chemical, physical, and biological characteristics of the wastewater; and what if any wastewater treatment will be performed.

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**OTHER PERTINENT INFORMATION:**

Describe unusual circumstances that may aid in permit processing.

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**RENEWAL REQUEST:**  Current Authorization Number:

If this is a renewal, the location of the discharge and additional information do not need to be completed. If any operation, contact or procedures have changed please describe below.

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**WASTEWATER PERMIT APPLICATION SIGNATURE:**

The information given on this application is complete and accurate to the best of my knowledge.

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Signature

Date

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Printed Name

Title

If it is not possible to submit this Notice of Disposal electronically, please mail or fax the Notice to the address below.

Alaska Department of Environmental Conservation  
Division of Water  
555 Cordova Street  
Anchorage, Alaska 99501  
Telephone (907) 269-7500  
Fax (907) 269-7652  
Email: [wq\\_permit@dec.state.ak.us](mailto:wq_permit@dec.state.ak.us)