

APPLICATION FOR THE DISCHARGE OF COOLING WATER TO THE CITY OF FAIRBANKS STORMWATER COLLECTION SYSTEM

All discharges into the City's stormwater collection system are required to meet the requirements of the City's National Pollutant Discharge Elimination System Discharge Permit and all appropriate laws and regulations. This permit allows connection and discharge into the City's stormwater system but individuals are responsible for any damages, costs for remediation, or fines incurred because of their discharges into the City's system. Discharges of groundwater used as cooling water into the City's system are normally prohibited from October 1 through April 30 because of potential for damage to the stormwater system. Approval of the connection design and City inspection before backfill are required.

In addition, the Alaska Department of Environmental Conservation (DEC) requires a state industrial discharge permit to discharge cooling water to land, groundwater, or surface water (either directly or indirectly through a stormwater system). Following are some of DEC's requirements: Discharge temperatures shall be less than 55 degrees f; corrosion inhibitors and pH control chemicals are prohibited; and only flat plate heat exchangers (that develop a visible weep before catastrophic failure) are acceptable. In addition monitoring of the discharge is required. For further information call DEC at 907-451-2106.

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: _____

BEGINNING DATES OF PERMIT (mm/dd/yy): Permit requires annual renewal. Discharge for cooling water only allowed from May 1 through September 30.

Beginning Date From: _____ Ending Date To: _____

Connection Permit (continued)

SOURCE/DISCHARGE:

Source: _____
 Well Depth: _____ feet
 Well Diameter: _____ inches
 Number of wells _____
 Discharge Flow Rates:
 Average: _____ Gallons Per Day
 Maximum: _____ Gallons Per Day
 Estimated Total Discharge Volume: _____ Gallons
 Rate of Pumping: _____ Gallons Per Minute
 Maximum discharge temperature: _____
 Pretreatment/post-treatment proposed: _____

GENERAL DESCRIPTION OF THE PROJECT:

Describe where the water to be discharged comes from, what processes will be utilized to extract heat, and where the water will be discharged. Provide method to avoid discharge from October 1 through April 30. How will cooling be provided during this period?

PLANS OF DISCHARGE POINT, PROCESS, AND DISCHARGE CONNECTION DETAIL:

Submit to the City a map that shows the general location of the facility. Plan sheet shall be provided to show detail of proposed connection to the stormwater system. Also provide plan showing general schematic of cooling process.

PROVIDE COPY OF DEC DISCHARGE APPLICATION (Provide copies of all reports submitted to DEC during the life of this permit.)

OTHER PERTINENT INFORMATION:

Describe unusual circumstances that may aid in permit processing.

STORMWATER COLLECTION SYSTEM CONNECTION PERMIT APPLICATION

SIGNATURE:

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

Signature

Date

Printed Name

Title