



ALASKA POLLUTANT DISCHARGE ELIMINATION SYSTEM

APPLICATION FORM 2E

Facilities Which Do Not Discharge Process Wastewater

DEC Internal Use Only
Facility ID Number

Please submit this form to:

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Wastewater Discharge Authorizations Program
555 Cordova Street
Anchorage, AK 99501
DEC.Water.WQPermit@alaska.gov**

Form 2E must be completed for an applicant that is a new or existing industrial facility that discharges only non-process wastewater. This form must be completed by an applicant who checked "yes" to Section 6-D in APDES Form 1. Form 2E must be completed in conjunction with Form 1. Instructions for completing this form are attached.

SECTION 1 – FACILITY INFORMATION

(This information must match the facility information entered in Section 1 on Form 1.)

Facility Name: _____

Physical Address/Location: _____

SECTION 2 – OUTFALL LOCATION

List the latitude and longitude of each outfall location to the sixth decimal place and the name of the receiving water. For more than one outfall, attach a separate additional Form 2E with Sections 2, 3, 4, and 5 only completed for each.

Outfall Number	Latitude	Longitude	Receiving Water

Lat/Long Coordinate Source: Internet Map GPS/Survey Other _____

Source Map Scale (if applicable): _____

Horizontal Accuracy: _____

Horizontal Datum: _____

SECTION 3 – DISCHARGE DATE FOR NEW FACILITIES

If you are a new discharger, on what date do you expect to begin discharging? (mm/dd/yyyy) _____

SECTION 4 – TYPE OF WASTE

Section A. Check the box(es) indicating the general type(s) of wastes discharged.

- Sanitary Wastes
 Restaurant or Cafeteria Wastes
 Noncontact Cooling Water
 Other Nonprocess Wastewater (Identify): _____

Section B. If any cooling water additives are used, list them here. Briefly describe their composition if this information is available.

SECTION 5 – EFFLUENT CHARACTERISTICS

Section A. Existing Sources – Provide measurements for the parameters listed in the left-hand column below, unless waived by DEC (see instructions).

Section B. New Sources – Provide estimates for the parameters listed in the left-hand column, unless waived by DEC. Instead of the number of measurements taken, provide the source of the estimated values (see instructions).

Pollutant or Parameter	Maximum Daily Value (include units)		Average Daily Value (last year) (include units)		Number of Measurements Taken (last year) <i>(for Existing Sources)</i>	Source of Estimate <i>(for New Sources)</i>
	Mass	Concentration	Mass	Concentration		
Biochemical Oxygen Demand (BOD ₅)						
Total Suspended Solids (TSS)						
Fecal Coliform						
Total Residual Chlorine						
Oil and Grease						
Chemical Oxygen Demand (COD)						
Total Organic Carbon (TOC)						
Ammonia (as N)						
Discharge Flow	Value		Value			
pH (give range)	Maximum	Minimum	Maximum	Minimum		
Temperature (winter)	°C		°C			
Temperature (summer)	°C		°C			

SECTION 6 – SEASONALITY

Except for stormwater runoff, leaks or spills, will the discharge described in this form be intermittent or seasonal? If yes, describe frequency of flow and duration.

Yes No

SECTION 7 – TREATMENT SYSTEM

Briefly describe any treatment system(s) used or to be used:

SECTION 8 – OTHER INFORMATION

Use the space below to expand upon any of the above questions or to bring to the attention of the reviewer any other information you feel should be considered in establishing permit limitations for the proposed facility. Attach additional sheets if necessary.

SECTION 9 – CERTIFICATION

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 that information submitted. Based on my inquiry of the person or persons who manage the system, or those persons 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.

Right to Enter Premises

By submitting this application, the applicant hereby consents to entry upon the premises by representatives of the Alaska Department of Environmental Conservation in order to: 1) have access to and copy any records that permit conditions require the applicant to keep; 2) inspect any facilities, equipment, including monitoring and control equipment, practices, or operations regulated or required under a permit; and 3) sample or monitor any substances or parameters at any location for the purpose of assuring permit compliance or as otherwise authorized by 33 U.S.C. 1251-1387 (Clean Water Act).

Print Name: _____

Signature: _____

Date: _____

INSTRUCTIONS FOR APDES FORM 2E

Facilities Which Do Not Discharge Process Wastewater

See Form 1, General Instructions, for additional information.

Who Must File Form 2E

Form 2E must be completed in conjunction with Form 1. This short form may be used only by operators of facilities which discharge only *nonprocess* wastewater which is not regulated by effluent limitations guidelines or new source performance standards (NSPS). (*Process* wastewater is any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product.) The form is intended primarily for use by dischargers, new or existing, of stormwater runoff or by educational, medical, or commercial chemical laboratories or by certain publicly owned treatment works (POTWs).

Follow Up Requirements for New Dischargers and New Sources

Although you are now required to submit estimated data on this form (Form 2E), please note that no later than two years after you begin discharging from the proposed facility, you must complete and submit Section 5 of this form (Form 2E). At that time you must test and report actual rather than estimated data for the pollutants or parameters in Section 4, unless waived by the DEC as allowed by 18 AAC 83.315(d).

Section 1 – Facility Information

Enter the facility's official or legal name. Do not use a colloquial name.

Section 2 – Outfall Location

Indicate the latitude and longitude of each outfall to the sixth decimal place as well as the name of the receiving water. For latitude and longitude information interpolated from a hardcopy map, the fourth decimal place is acceptable and the source map scale must be provided. Name all waters to which discharge is made and which flow into significant receiving waters. For example, if the discharge is made to a ditch which flows into an unnamed tributary which in turn flows into a named river, provide the name or description (if no name is available) of the ditch, the tributary, and the river. The preferred location information will be provided as the latitude and longitude in decimal degrees, Alaska Albers Projection, North American Datum of 1983. The preferred source of the coordinates will be by a GPS unit, but other methods will be accepted, including GPS, survey, internet (such as Topozone.com), and printed map. Clearly identify the horizontal accuracy and unit of measurement (e.g. 10 meters) and horizontal datum. For more than one outfall, attach a separate Form 2E with Sections 2, 3, 4, and 5 only completed for each.

Section 3 – Discharge Date for New Facilities

This item requires your best estimate of the date on which your facility will begin to discharge.

Section 4 – Type of Waste

Section 4-A

Indicate the general type(s) of wastes to be discharged by placing an "x" in the appropriate box(es). If "other nonprocess wastewater" is marked, it should be identified.

Section 4-B

If cooling water additives are to be used, they must be listed by name. In addition, the composition of the cooling water additives should be listed if this information is available. The composition of cooling water additives may be found on product labels or from manufacturer's data sheets.

Section 5 – Effluent Characteristics

Reporting

All pollutant levels must be reported as concentration and as total mass (except for discharge flow, pH, and temperature). Total mass is the total weight of pollutants discharged over a day.

Use the following abbreviations for units:

Concentration		Mass	
ppm.....	parts per million	lbs.....	pounds
mg/l.....	milligrams per liter	ton.....	Tons (English tons)
ppb	parts per billion	mg.....	milligrams
ug/l.....	micrograms per liter	g.....	grams
		kg.....	kilograms
		T.....	Tonnes (metric tons)

Testing Waivers

To request a waiver from reporting any of these pollutants or parameters, the applicant (whether a new or existing discharger) must submit a written request to DEC specifying which pollutants or parameters should be waived and the reasons for requesting a waiver. This request should be submitted to DEC before or with the permit application. DEC may waive the requirements for information about any pollutant or parameter if it is determined that less stringent reporting requirements are adequate to support issuance of the permit. No extensive documentation of the request will normally be needed, but the applicant should contact DEC to receive instructions on what a particular request should contain.

Section 5-A. Existing Sources

You are required to provide at least one analysis for each pollutant or parameter listed by filling in the requested information under the applicable column. Data reported must be representative of the facility's current operation (average daily value over the previous 365 days should be reported). Most facilities routinely monitor these pollutants or parameters as part of existing permit requirements.

Estimate fecal coliform only if believed present or if sanitary waste is discharged and total residual chlorine only if chlorine is used. Chemical oxygen demand (COD) and total organic carbon (TOC) are only required if noncontact cooling water is discharged. The analysis of these pollutants or parameters must be done in accordance with procedures promulgated in 18 AAC 83.010. Grab samples must be used for pH, temperature, total residual chlorine, oil and grease, and fecal coliform. For all other pollutants, 24-hour composite samples must be used. Any further questions on sampling or analysis should be directed to DEC. DEC may request that you do additional testing, if appropriate, on a case-by-case basis under Section 308 of the Clean Water Act (CWA).

If you expect a pollutant to be present solely as a result of its presence in your intake water, state this information in Section 8 of the form.

Section 5-B. New Dischargers

You are required to provide an estimated maximum daily and average daily value for each pollutant or parameter. Estimate fecal coliform only if believed present or if sanitary waste is discharged and total residual chlorine only if chlorine is used. Chemical oxygen demand (COD) and total organic carbon (TOC) are only required if noncontact cooling water is discharged.

Please note that follow-up testing and reporting are required no later than 2 years after the facility starts to discharge. Sampling and analysis are not required at this time. If, however, data from such analyses are available, then such data should be reported. The source of the estimates is also required. Base your determination of whether a pollutant will be present in your discharge on your knowledge of the proposed facility's use of maintenance chemicals, and any analyses of your effluent or of any similar effluent. You may also provide the estimates based on available in-house or contractor's engineering reports or any other studies performed on the proposed facility.

If you expect a pollutant or parameter to be present solely as a result of its presence in your intake water, state this information in Section 8 of the form.

In providing the estimates, use the codes in the following table to indicate the source of such information.

Engineering Study Code

Actual data from pilot plants	1
Estimates from other engineering studies	2
Data from other similar plants	3
Best professional estimates	4
Others.....	Specify on the form

Section 6 - Seasonality

Describe the average frequency of flow and duration of any intermittent or seasonal discharge (except for stormwater runoff, leaks, or spills). The frequency of flow means the number of days or months per year there is intermittent discharge. Duration means the number of days or hours per discharge. For new dischargers, base your answers on your best estimate.

Section 7 – Treatment System

Describe briefly any treatment system(s) used (or to be used for new dischargers), indicating whether the treatment system is physical, chemical, biological, sludge and disposal, or other. Also give the particular type(s) of process(es) used (or to be used), and specify the processes applied, such as grit removal, ammonia stripping, dialysis, etc.

Section 8 – Other Information

A space is provided for additional information which you believe would be useful in setting permit limits, such as additional sampling. Any response here is optional.

If you wish to demonstrate your eligibility for a "net" effluent limitation for any of the pollutants or parameters in Section 5, that is, an effluent limitation adjusted to provide credit for the pollutant(s) present in your intake water, please insert a short statement describing why you believe you are eligible (see 18 AAC 83.545). You will then be contacted by DEC for further instructions.

Section 9 - Certification

Alaska Statute 46.03.790 provides for severe penalties for submitting false information on this application form. State regulations at 18 AAC 83.385 require this application to be signed as follows:

1. **For a corporation**, a responsible corporate officer shall sign the application; in this subsection, 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 or sole proprietorship**, the general partner or the proprietor, respectively, shall sign the application; and

3. **For a municipality, state, federal, 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 an 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. Include the name and title of the person signing the form and the date of signing.

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