



**Class III Community Landfill Permit Application**  
 Alaska Department of Environmental Conservation  
 Solid Waste Program

**DEC Office Only:**

Landfill Name: \_\_\_\_\_

Authorization #: \_\_\_\_\_

**Criteria (18 AAC 60.300 and 18 AAC 60.211):**

This application is for a new permit for a Class III community landfill that is not connected by road or is more than 50 road miles from a Class I landfill. It must not accept more than 5 tons of municipal solid waste per day.

**1. General Information**

Community Name:		Population:	
General Description:			
Latitude:		Longitude:	
Meridian:	Township:	Range:	Section:
This application is for an:      Existing Landfill                  New Landfill                  Lateral Expansion			

**2. Contact Information**

Facility Owner:		Contact Name:	
Address:	City:	State:	Zip:
Email:	Phone:		
Facility Operator:		Contact Name:	
Address:	City:	State:	Zip:
Email:	Phone:		
Consultant:		Contact Name:	
Address:	City:	State:	Zip:
Email:	Phone:		
Landowner*:		Contact Name:	
Address:	City:	State:	Zip:
Email:	Phone:		

\*Attach the property deed or other documentation that identifies the landowner. If the landowner is not the facility owner or operator, please complete the Landowner Consent Form.

**3. Environmental Information:** Please provide as much information as possible. Use any available data, historical records, or traditional knowledge as necessary. If any item is unknown (UNK) or not applicable (NA), please indicate on the line provided.

**Prevailing Wind Direction:**

Spring:	North	South	East	West	Summer:	North	South	East	West
Fall:	North	South	East	West	Winter:	North	South	East	West

**Distance to Nearest:**

Active Runway (feet):	Aircraft Serviced:	Piston	Turbine	
Building (feet):	Type:	Home	Business	School
Drinking Water Source (feet):	Type:	Surface Water	Groundwater	
Surface Water Body (feet):	Surface Water Body Name:			
Wetland (feet):				

**Water Impacts:**

Annual Precipitation (inches/year):	Depth to groundwater (feet):
Has the landfill flooded?      Yes      No	If yes, when was the most recent flood?
Is the landfill on permafrost?      Yes      No	If yes, what is the depth to permafrost (feet)?

<b>Soil Type (check as many as apply):</b>	Sand	Silt	Gravel	Clay
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**Traditional Knowledge:**

How often and in which months do large storms usually occur?

How far is the landfill from the nearest area of active erosion? Describe the cause of erosion activity.

How far is the landfill from the nearest subsistence harvest area? Describe what subsistence use the area provides.

**4. Map Items:** Attach a current map or aerial photograph with the following items clearly labeled. For each item, either indicate the distance from the landfill OR provide an accurate scale for the map and a north arrow. See example below.

Landfill property boundaries	Groundwater well(s)
Community	Drinking water source(s)
Surface water (lakes, streams, ponds, etc.)	Subsistence resource areas
Airport (if within 10,000 feet of the landfill)	Residential areas

**How to make an area map:**

1. Locate an aerial photo or a map of the landfill and surrounding area.
2. Label the required features by hand or using a word processing program.
3. Mark the distances from the landfill to each of the features OR include a scale from which distances can be found.

**Aerial photos may be found at:**

- [maps.google.com/](http://maps.google.com/)
- [www.bing.com/maps](http://www.bing.com/maps)
- <http://dec.alaska.gov/das/GIS/apps.htm>
- <http://commerce.alaska.gov/dnn/dcra>



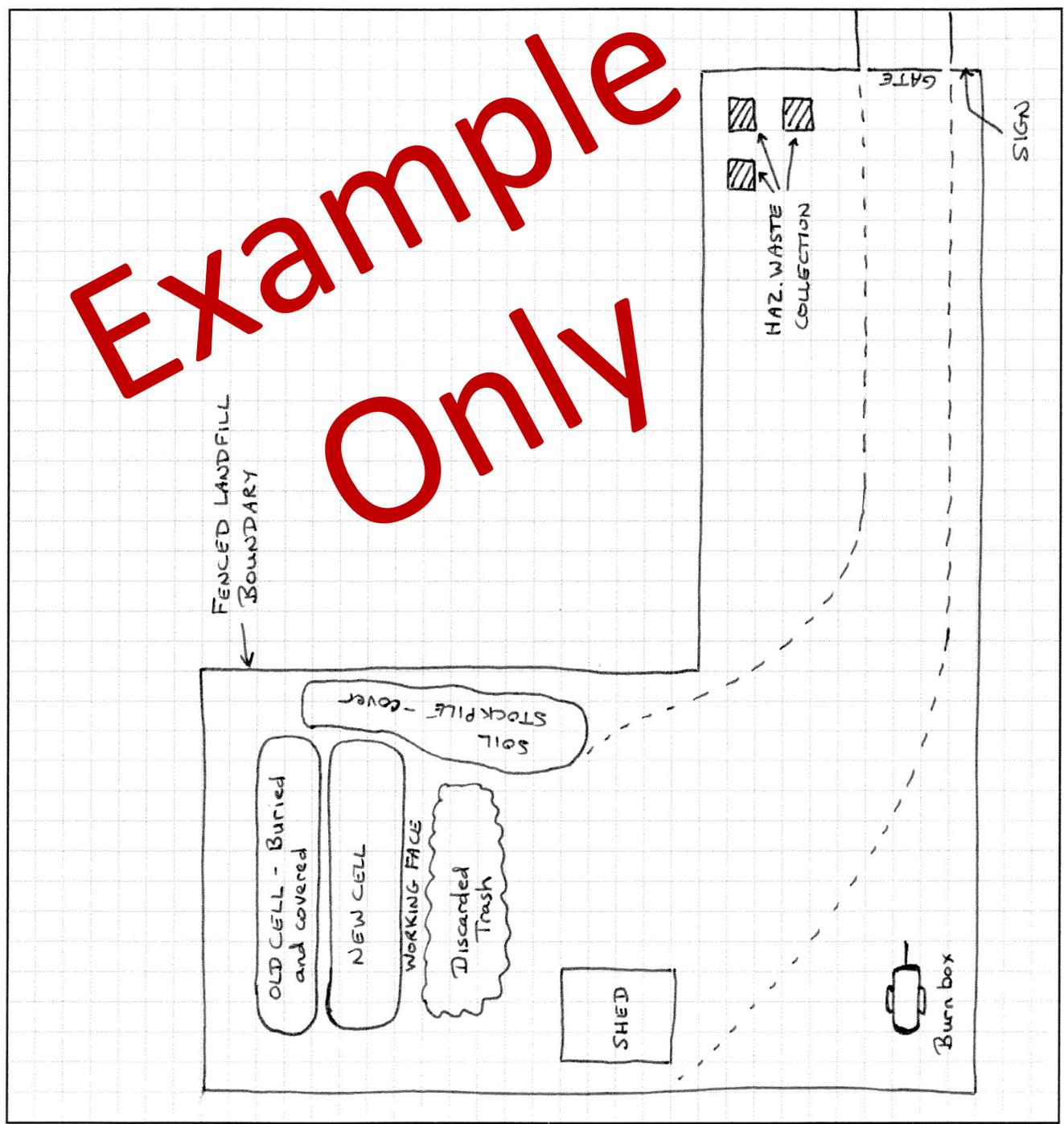
**5. Landfill Site Plan:** Print this page. Draw your landfill on the grid below. Include features from the list below as they pertain to your landfill. Check all that apply. See example on the next page.

Closed disposal areas	Access roads	Salvage areas
Open disposal areas	Storage area(s)	Construction and demolition debris disposal
Future waste disposal areas	Buildings/sheds	Dead animal disposal
Fences and gates	Berms, ditches, and culverts	Septage disposal
Signs	Cover material source	Hazardous waste storage

# Sample Landfill Site Plan

Check all that apply:

- Closed disposal areas
- Open disposal areas
- Future waste disposal areas
- Fences and gates
- Signs
- Access roads
- Storage area(s)
- Buildings/sheds
- Berms, ditches, and culverts
- Cover material source
- Salvage areas
- Construction and Demolition Debris disposal
- Dead Animal disposal
- Septage disposal
- Hazardous waste storage



**6. Operations Plan:** You must attach a copy of the current operations plan for your landfill which describes how the landfill is operated day-to-day and throughout the year.

If you don't already have an operations plan, you will need to write one. You can use our Class III Landfill Operations Plan to easily create one. This template is available at:

<http://dec.alaska.gov/eh/sw/permitapps.htm>.

If you need help in preparing the operations plan or have questions on it, please contact us for assistance

<http://dec.alaska.gov/eh/sw/contacts.htm>.

**7. Closure and Post-Closure Cost Estimate:**

Is the landfill closing in the next 5 years?    Yes    No

Do you know the closure cost for the landfill?    Yes    No    If Yes, what is the cost?

**If closure cost is unknown, please complete the following section:**

Check all equipment available in the community:    Dump Truck    Bulldozer    Loader/Backhoe

Area of the landfill (in acres)?    Cost of cover per cubic yard in village (if known):

Are you currently conducting water monitoring at the landfill?    Yes    No

If Yes, what is the cost per year?    If cost is unknown, how many water sampling sites?

**DEC office will complete the following section with the information provided above:**

Closure Cost:	Post-Closure Cost:	Total:
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**8. Closure Requirements:** Once the landfill has reached capacity, the following steps must be taken to close the landfill to minimize the potential risk to human health and the environment.

The final cover will be completed within 90 days after the last waste is placed in the landfill.

Final cover will consist of at least 24 inches of soil, will be graded to promote drainage without erosion, and will be re-vegetated. (Note: If soil is not available, another material may be used with prior approval from ADEC.)

Written notification that closure has been completed will be submitted to ADEC within 90 days after completing the final cover.

Permanent markers or survey monuments will be established from which the exact location of the closed landfill can be determined.

**9. Post-Closure Requirements:** The post-closure period is a 5-year monitoring phase where any necessary maintenance and repairs are completed and final records are established before the landfill may be retired.

Visual inspections will be completed at least once a year for 5 years.

A notation will be recorded on the deed to the property (or some other instrument that is routinely examined during a title search) within the 5-year post-closure period.

Notification will be submitted to ADEC and the landowner that the notation on the deed has been recorded and that a copy has been placed in the operating record of the landfill.

After the 5-year post-closure period, a report will be submitted to ADEC that contains photographs of the closed landfill, a description of any problems detected during visual monitoring, and any water monitoring data that was collected.

## 10. Signature:

I certify under penalty of perjury, that all of the above listed requirements will be completed as required and agreed to. I further certify that all information and exhibits in the application and associated documents are true, accurate, and complete.

Printed Name:

Title:

Signature:

Date:

All applications must be signed as follows per 18 AAC 15.030:

- **Corporations:** A principal executive officer, an officer that is no lower than the level of vice president, or a duly authorized representative who is responsible for the overall management of the project or operation.
- **Municipal, state, federal, or other public entity:** A principal executive officer, ranking elected official, or duly authorized employee.
- **Partnerships:** A general partner.
- **Sole proprietorship:** The proprietor.

**Note:** No fee is required to submit this application. Once issued, it is subject to annual fees as listed in 18 AAC 60.700, Table I-1.

Annual fees will be billed to the facility owner each calendar year.

### DEC Office Use Only:

Is facility located in a Public Water System (PWS) Drinking Water Protection Area (DWPA)?    Yes    No

Find DWPA: <http://arcg.is/1RySrl1>

If yes, notify Drinking Water Protection staff.

PWSID: \_\_\_\_\_ (ex. AK2210906)

State Assigned Source ID: \_\_\_\_\_ (ex. WL001)

DWPA Zone: \_\_\_\_\_ (i.e., A, B, C, E, F, G, or Provisional)

## Section 11. Additional Information

Use the space below for additional information as part of the application.