

STATE OF ALASKA
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
610 University Ave.
Fairbanks, AK 99709

**REGIONAL SOLID WASTE GENERAL PERMIT
FOR NORTH SLOPE BOROUGH
CLASS III LANDFILLS**

General Permit No. SWGPNSB-21

Date Issued: **October 17, 2016**

Date Expires: **October 17, 2021**

The Alaska Department of Environmental Conservation (DEC), under authority of AS 46.03 and 18 AAC 60, issues this regional solid waste disposal general permit for the operation and maintenance of Class III landfills located in the North Slope Borough. The following criteria must be met to conduct disposal under this permit:

- Daily volume of waste may not exceed 5 tons per day of domestic and commercial refuse;
- The Class III landfills must be operated and monitored in accordance with the approved North Slope Borough Areawide Class III Landfill MSW Operations and Monitoring Plans (Appendix A and B).
- The Class III landfill must be located in a remote area that is not connected by road or is more than 50 road miles from a Class I landfill.
- This permit applies only to the NSB Class III Landfills listed here:

Anaktuvuk Pass	The landfill is located near Anaktuvuk Pass, Alaska within Section 4, Township 15 South, Range 2 East, Umiat Meridian.
Atqasuk	The landfill is located approximately 1 mile northwest of Atqasuk, Alaska in Tract L (Landfill Tract), Plat 85-10, Section 1, Township 13 North, Range 22 West, Umiat Meridian.
Kaktovik	The landfill is located near Kaktovik, Alaska in Section 26, Township 9 North, Range 34 East, Umiat Meridian.
Nuiqsut	The landfill is located approximately 1 mile northwest of Nuiqsut, Alaska in Tract L (Landfill Tract), Plat 81-10, Section 14, Township 10 North, Range 4 East, Umiat Meridian.
Point Hope	The landfill is located approximately 1 mile Northwest of Point Hope, Alaska in Tract L (Landfill Tract), in Section 15, Township 35 West, Range 34 North, Kateel River Meridian.
Point Lay	The landfill is located near Pt. Lay, Alaska in the southeast corner of Section 3, NE 1/4 of Section 9, NW 1/4 of Section 10, Township 4 North, Range 44 West, Umiat Meridian.
Wainwright	The landfill is located approximately 2 miles northeast of Wainwright, Alaska in Tract 8 (Landfill Tract), Sections 7 and 8, Township 15 North, Range 31 West, Umiat Meridian.

A person who wishes to dispose of waste under the conditions of this general permit must complete the appropriate application form and submit it to DEC. Waste may not be placed in the disposal site until the DEC has approved the application in writing.

This permit is subject to an annual fee. As per Table I-1 in 18 AAC 60.700, the Class III Community Landfill fee which will be applied for each community included in the general permit application. The annual fee will be billed each calendar year until DEC approves closure of the facilities.

The permit holder shall manage and operate the facility in accordance with 18 AAC 60, the conditions contained in the permit application, and the DEC-approved Operations Plan (Appendix A) and Monitoring Plan (Appendix B) attached to this permit. In addition, the following general and specific permit conditions and stipulations are required:

SPECIFIC CONDITIONS

1. Access Control

- The landfill gates shall be locked when North Slope Borough personnel are not onsite.
- Signs at the landfill shall state no public access to the landfill.
- Dumpsters shall be maintained outside of the landfill for local disposal near the landfill.
- Salvaging is prohibited at the landfill.
- Prohibit discharge of firearms at the facility.

2. Waste Acceptance

The following types of waste are accepted at the landfill

- General Household Wastes
- Household Hazardous Wastes and liquids under 1 gallon
- Food
- Paper
- Plastic
- Wood Products
- Unpressurized Metal Products
- Dried Sewage Solids Containing No Free Liquids
- General Construction Debris Not Containing Lead or Asbestos
- Non-Polluted Soil
- Non-Regulated Asbestos-Containing Materials

The following types of wastes shall not be accepted at the landfill

- Acids
- Corrosives
- Solvents
- Contaminated Soils/Polluted Soils (except with prior approval from the North Slope Borough and the DEC Solid Waste Program)
- Oily wastes
- Explosives
- Lead-Acid Batteries

- Hazardous Wastes
- Radioactive Wastes
- Unsterilized Medical Wastes
- Polychlorinated Biphenyls
- Containers holding in excess of one gallon of liquid
- Regulated Asbestos-Containing Materials

3. Waste Processing

The following methods of waste processing are required:

- Refrigerators must be staged for refrigerant removal. Certificates of refrigerant removal must be kept in the Landfill Record.
- Segregation of burnable and non-burnable waste.
- Automobiles, ATV's and snow machines must have all fluids and batteries removed prior to storage or disposal at the landfill.
- Animal carcasses are to be placed in a designated disposal area within the landfill and immediately covered with lime and 1 foot of cover material.

The following types of wastes shall be staged at designated locations or (after appropriate processing) directly landfilled without burning

- Metals
- Appliances
- Insulation board
- Insulated pipe
- Automobiles
- ATV's and snow machines
- Demolition debris

4. Operational Controls

The following methods of litter management are required:

- Solid waste will be disposed of at the working face of the landfill. The working face will be limited to 7 feet in height and 50 feet in width.
- Litter will be controlled by monthly litter collection and operation of an enhanced burn unit.

The following methods of water management are required:

- The landfill shall be graded to allow precipitation and surface water discharge out of the landfill site and to minimize ponding within the landfill boundary.
- Surface water management is required to prevent localized ponding, water impoundment and leachate generation.
- Water must be drained by re-grading or pumping runoff within the landfill if water is impounded against a containment berm or the working face.
- Snow removal will be conducted in the landfill, especially near the working face, prior to waste placement and whenever significant snowfall or drifting has occurred.

5. Any burning of solid waste at the landfill or in a designated burn area must be conducted as follows:

Prevent Landfill Fires and Wildfires

- PROHIBIT BURNING OF WASTE ON THE GROUND or at the working face.
- The permit holder is responsible for any fire that escapes the landfill perimeter and may be subject to associated penalties.
- No burning may be conducted during any statewide or local burn ban (see map - dnr.alaska.gov/burn/fireareas) without approval from your Area DNR Division of Forestry (forestry.alaska.gov) office - 907-451-2660
- Clear brush, trees, and dead vegetation within a 50-foot boundary surrounding the landfill.
- Maintain a firebreak 10 feet wide down to mineral soil around the burn unit and any staging area for hot ash.

Operations

- Contain and control any burning of waste - All burning must be conducted in the constructed burn unit.
- Only the operator (or designee) may ignite a fire at the landfill.
- The operator (or designee) must be present AT ALL TIMES during any burning, from ignition through the end of the burn.
- Fire suppression equipment must be available at the landfill (or burning area) during any burn.
- Only burn during favorable weather conditions with wind blowing away from the community. Do not burn in high winds that may blow ash or embers beyond the firebreak.
- Do not allow waste to smolder or create black smoke.
- Ensure that ash is completely cool before placing ash at the working face.

Separate Waste Prior to Burning

- Do not burn household hazardous waste.
- Separate waste that should not be burned to the greatest extent practical before igniting the burn; dispose of non-burnable waste directly at the working face.

Waste Storage

- Stage waste that is intended to be burned either in the inactive burn unit or at a location at least 25 feet from the burn unit.
- Ensure that waste is kept as dry as possible through the use of a cover or dry storage facility.

The following methods of sewage sludge management are required:

- Prior to the first disposal and once every five years, ensure that the sludge is non-hazardous by testing it using the Toxicity Characteristic Leaching Procedure (TCLP) test (EPA Method 1311) and that it passes the Paint Filter Liquids Test (EPA Method 9095).
- Maintain a record of the results of sewage sludge analysis and provide a copy to the Solid Waste Program within 60 days after receipt of the analytical data.
- Ensure that sewage sludge is limed to maintain a pH of 12 for at least 2 hours and covered immediately with at least 6 inches of soil or otherwise managed to prevent health hazards and odor nuisances.

5. Monitoring and Reporting

Conduct a visual inspection of the landfill using the approved forms at least once a month and complete a visual monitoring checklist. Completed checklists should be filed in the landfill record at the NSB office.

6. Landfill Closure

If any of the NSB landfills will be closed within the next 5 years, a closure plan must be developed and submitted to the ADEC Solid Waste Program for approval. Approval must be requested prior to any deviations from the approved closure plan. Within 90 days after closure, written notification must be sent to ADEC Solid Waste Program that closure is complete.

GENERAL CONDITIONS

1. **Access and inspection** - The Permittee shall allow the Commissioner or representatives access to the permitted facilities at reasonable times to conduct scheduled or unscheduled inspections or tests to determine compliance with this permit, State laws, and regulations.
2. **Information access** - Except for information relating to confidential processes or methods of manufacture, all records and reports submitted in accordance with the terms of this permit shall be available for public inspection at the State of Alaska, Department of Environmental Conservation local area office.
3. **Civil and criminal liability** - Nothing in this permit shall relieve the Permittee from civil or criminal penalties for noncompliance, whether or not such noncompliance is due to factors beyond his control, including, but not limited to, accidents, equipment breakdowns, or labor disputes.
4. **Availability** - The Permittee shall post or maintain a copy of this permit available to the public at the disposal facility.
5. **Adverse impact** - The Permittee shall take all necessary means to minimize any adverse impacts to the receiving waters or lands resulting from noncompliance with any limitation specified in this permit, including any additional monitoring needed to determine the nature and impact of the noncomplying activity. The Permittee shall clean up and restore all areas adversely impacted by the noncompliance.

6. **Cultural or paleontological resources** - Should cultural or paleontological resources be discovered as a result of this activity, work which would disturb such resources is to be stopped, and the State Historic Preservation Office, Division of Parks and Outdoor Recreation, Department of Natural Resources, is to be notified immediately (907) 269-8721.
7. **Other legal obligations** - The requirements, duties, and obligations set forth in this permit are in addition to any requirements, duties, or obligations contained in any permit that the Alaska Department of Environmental Conservation or the U.S. Environmental Protection Agency has issued or may issue to the Permittee. This permit does not relieve the Permittee from the duty to obtain any and all necessary permits and to comply with the requirements contained in any such permit or with applicable state and federal laws and regulations. All activities conducted by the Permittee pursuant to the terms of this permit and all plans implemented by the Permittee pursuant to the terms of this permit shall comply with all applicable state and federal laws and regulations.
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: waste source reduction; recycling of waste; waste treatment; and waste disposal.

This permit expires on **October 17, 2021**, and may be revoked or amended in accordance with 18 AAC 60.255. The permit can be renewed if the facility will operate beyond this date. To avoid expiration of this permit, a renewal application must be submitted to DEC no later than June 1, 2021.

Robert J. Blankenburg, P.E.
Solid Waste and Pesticides Program Manager