



# Class III Landfill Operations Plan

Alaska Department of Environmental Conservation  
Solid Waste Program

## Instructions

Please use this form to create an operations plan if your landfill does not already have one.

Your answers should describe things you are currently doing for an existing landfill. If it is for a new landfill, your answers should describe things you intend to do in the new landfill.

Do **NOT** leave items blank. If you do not have a procedure in place for any item, say so.  
Example: Lead-acid Batteries – We do not have a policy for handling lead-acid batteries.

If your answers are too long for the boxes provided, please submit them as an attachment.

## General Information

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## 1. Site Control

How are roads to and from the landfill kept passable and safe?

The roads to and from the landfill are kept passable and safe by the Public Works and Maintenance employees who clear the roads of any natural or man-made debris. In the winter the road is graded to keep it free of hazardous snow and ice and in the summer it is graded to fill potholes. The City Maintenance employees also clear the shoulders of the road of any brush to keep roadway open and visibility clear.

What signs are posted at the landfill entrance and/or throughout the landfill?

Signs posted at the landfill are ones stating landfill rules, signs warning of wild animals, signs designating waste dumping areas, salvage areas, and signs stating what is and isn't accepted at the landfill.

How is public access to the landfill limited to prevent unauthorized activities?

There is a fence surrounding the landfill to keep trash and materials in the dumping area. The gate is not locked so there is 24-hour access and no monitoring.

## 2. Burning

What type of burn unit do you have, if any?

We don't currently have a Burn Unit, but we have recently been offered a project agreement with Village Safe Water & Ak. Native Tribal Health Consortium to purchase a #10 burn cage unit and a skid-steer to keep it maintained.

How is the burn managed to minimize environmental effects (waste kept dry, weather conditions, etc)?

The City of Aniak does not allow burning at the landfill and will be working on management of our #10 Burn Cage once officially approved.

How are non-combustible wastes separated from combustible prior to burning?

Non-Combustible and combustible wastes are not separated before burning. The City of Aniak has a waste-oil burn unit located at the Fire Station and the Public Works Dept. collects waste-oil from businesses in town and burns the oil to generate heat for the Fire Dept. building.

### 3. Daily Operations

Is there a landfill operator? How many hours per week do they work? What do their job duties include?  
There is no designated landfill operator; the Public Works Supervisor and Maintenance employees oversee the landfill and address any issues that need attention. They also operate the dozer to maintain waste and clean space.

Is there heavy equipment available for use at the landfill? What type of equipment is it?  
Yes, there is heavy equipment available for use at the landfill. Such as a 450 Dozer, 580 Backhoe, 10-Yard Dump-truck and a 16-EC Volvo Excavator and a Bobcat.

Is there a designated working face? How big is it? What steps are taken to keep it to a reasonable size?  
Yes, there is a designated landfill face, it is 189,225 square feet. To keep the landfill face a reasonable size the waste is compacted with the dozer and covered with material.

How is waste volume reduced (compaction)? How often does this occur?  
Waste volume is reduced and compacted by the use of a dozer to move and compact the waste. This process occurs twice throughout the work week.

Is cover material applied? If so, how often is it applied? What type of material is it? Where is the source?  
Cover material is applied when needed and available. Cover material consists of sand, gravel and dirt.  
We are currently looking into other sources for fill and cover due to a local business no longer in service that were able to extract gravel and dirt.

What is the grade or slope of the landfill? How is instability, erosion, or ponding remediated if it occurs?  
The landfill has a 3% grade.  
There is no issue of erosion or instability. Ponding is only an issue in the springtime when the snow melts and the landfill collects some water and gets too muddy to enter the dump. The mud gets covered with gravel to resurface and an alternate dumping cell is opened during this time.

How are dust, odor, noise, traffic, disease vectors, litter, and other nuisance issues controlled?  
Dust is not an issue. Fencing controls litter and the other nuisance issues listed are not a problem due to the landfill's distance out of town.

What is the procedure for identifying and reporting damage to landfill structures and components? Who is responsible for making the repairs?  
The Public Works and Maintenance Department are responsible for repairing any damages that are needed on any landfill structures and components. Damages are identified by the Public Works Supervisor and reported to the City Manager.

Are there areas of the landfill that are not currently used? How are these areas distinguished from active areas? Are there previously used areas in the landfill that have been covered?  
Yes, the south half of the landfill is not being used. Signs are used to distinguish active areas and designated dumping areas.  
Yes, previously covered areas are on the southwest side of the landfill.

## 4. Landfill Water Impacts

How will leachate seeps be prevented, contained or controlled?

Leachate seeps will be prevented and controlled by having the landfill designed like a pit; with a wall of dirt surrounding the landfill to keep polluted water from leaking out of the landfill.

How is the landfill constructed and operated to prevent water from coming into contact with waste? If flooding occurs, how is water removed?

There is a dike barrier around the entire perimeter of the landfill, it is about 10 feet high to help keep water out and any water collected in the landfill will stay inside the barrier.

How are impacts to permafrost and wetlands minimized? (as applicable)

No applicable.

**5. Special Waste Management:** Please describe the procedures you use for handling and disposing of the following wastes. If you do not accept a type of waste, explain how you keep it out of the landfill.

Sewage Solids/Septage/Honeybuckets  
All human waste is dumped in the sewer lagoon.

Animal Carcasses/Subsistence Waste  
There is no procedure for animal carcasses and subsistence waste. That type of waste is dumped in the active landfill in a designated open trench and then covered with dirt and lime daily.  
We also post notices in the community to discourage dumping of these types of wastes.

Household Hazardous Waste  
We do not currently accept household hazardous waste but with our Co-Op project with VSW & ANTHC this may change.

Liquid Waste (greater than 1 gallon)  
We do not currently accept liquid waste but with our Co-Op project with VSW & ANTHC this may change. Liquid waste is usually handled by residents at their home.

Construction and Demolition Waste/Metals  
There is a lot located behind our active landfill specifically for metal, wood scraps and construction debris.

#### Public Salvage Area

There is a designated area for public salvage. After goods are in the salvage area for 2 months they will be processed according to their type and put into whatever cell is currently open.

\*Except for vehicles, ATV's, etc. (see below)

#### Used Oil

Used oil is collected and brought to the City Shop from other businesses in Aniak; the oil is then put into a waste-oil burner that generates heat for the Fire Station.

#### Vehicles (trucks, 4-wheelers, snow machines, etc.)

There is a designated salvage area for used vehicles, ATV's, etc. currently being staged by our sewer lagoon and we are working on a plan to get them moved, crushed and stacked at the landfill.

Before drop-off to this area residents are asked to fill out a Landfill permit stating that all liquids have been drained, batteries removed etc.

#### Appliances with CFC's (Freon®)

There is a designated area for these appliances to be dumped at the landfill.

The CFC's are annually drained from them but we would like additional training for this process for new employees hired within the past year.

#### Lead-acid Batteries

We do not collect lead-acid batteries in our landfill. We do have a sign stating that we do not accept these batteries but with our project with VSW and ANTHC this may change.

## 6. Administration

How is the landfill monitored? (Monthly Visual Monitoring)

The landfill is monitored by daily visual inspections done by the Public Works and Maintenance employees.

Where is the Landfill Operating Record kept? (e.g. copies of the permit, operations plan, inspection records)

All landfill records are kept at the City of Aniak office.

Is there a landfill site plan? Is waste kept within 50 feet of the property boundary? How will the landfill be developed over time? How can the landfill space be used in a way that maximizes its useful life?

A landfill site plan is still in the process of being created and we would appreciate any help to get this updated and complete.

Is there a landfill closure plan? How much longer is the site expected to last? Are there any proposed uses for the landfill site once it is closed?

There is not a landfill closure plan made; the existing landfill has at least 10 more years of use left. But again, we would be open to start our planning process earlier to get once in place.



## 7. Waste Management Improved Programs (Yes or No. If Yes, explain.)

Do you have a backhaul program? What do you backhaul? How frequently?

There is currently not a backhaul program in place for the City of Aniak but are very open to any funding available to start one.

Do you have a waste collection program?

No. We do post notices that we accept waste oil but are open to other ideas to help with this issue in our community. Our co-op agreement with VSW & ANTHC may help with this issue as well.

Does your community collect landfill fees?

In July 2024 we have started collection a Commercial Landfill User Fee of \$100 per commercial entity that is billed each month.

Do you have a policy or plan for training landfill staff?

The City of Aniak plans to send at least one operator to Landfill Operator Training. The City Manager or Office Manager will also receive training on the administration side of operating and overseeing the landfill within the next 12 months and would be open to options to get this complete.

Do you conduct any community education and outreach efforts?

The Aniak Traditional Council and IGAP Program conduct an annual "Clean-Up Green-Up" in the spring. We regularly post on our social media site as well as posting signs in the community.