

3.11 Maintenance

Maintenance keeps things functional at the landfill. The landfill must maintain structures and components of the facility and repair any structural changes or damage to the facility. (18 AAC 60.815)

General maintenance requirements:

Maintenance is an integral part of running a successful landfill. The purpose of maintenance is to keep the landfill structures and associated equipment in good working condition. Performing routine general maintenance prolongs the life of the equipment and reduces the cost of running the landfill.

Some common maintenance categories include:

- Vehicles
- Equipment
- Burn units
- Recycling and backhaul storage/building
- Signs
- Firebreaks
- Fences/gates
- Buildings
- Household hazardous waste storage
- Litter cleanup

How to determine maintenance needs:

One of the best ways to determine if something at the landfill needs maintenance or repairs is through monthly visual monitoring. Each month, the landfill operator inspects all of the components of the landfill and makes notes of the conditions. This is an excellent way to identify when things are starting to show wear and tear and might need repairs soon. Since the visual monitoring forms are kept for 5 years, they can be reviewed to determine if certain things require maintenance every spring or fall, etc. so that the operator can plan for maintenance activities. Visual monitoring is also a good resource for new employees as it shows what happens at the landfill on an annual basis.

Helpful Tips:

- Setting aside some money each year for maintenance of the landfill and dedicated equipment can keep the landfill running smoothly for years.
- Burn units need maintenance, too. Repair popped welds or cracks promptly and add a coat of high temp paint to keep it from rusting. Repair or replace spark arrestors when needed to prevent sparks from escaping and causing accidental fires.
- Some commercial burn units have user manuals and troubleshooting guides available online.
- Most manufacturers have a maintenance manual available online for heavy equipment. The manual will specify a schedule of preventative maintenance of what should be done at specific operation hour intervals such as changing the oil, fuel filters, air filters, spark

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plugs, and greasing tracks or wheels. Follow the prescribed maintenance schedule to extend the life of heavy equipment.

Examples:



Clean well-maintained equipment used to water the landfill road to help prevent dust.



Storing heavy equipment inside cuts down on maintenance needs.