



**WASTE MANAGEMENT
HILLSBORO LANDFILL**

3205 SE Minter Bridge Road
Hillsboro, OR 97123

HOURS OF OPERATION

Contact 503 640 9427 or
wmsolutions.com

Hillsboro Landfill

Hillsboro Landfill provides customers with professional, safe and convenient disposal services. The landfill is engineered with overlapping environmental protection systems that meet or exceed EPA Subtitle D Solid Waste Disposal Facility regulations. Systems include engineered liners and covers, leachate collection and removal, and landfill gas collection and control. This “special purpose” landfill accepts a variety of material for disposal, however it does not accept putrescible waste (i.e. food waste), or hazardous waste. Hillsboro Landfill is permitted to accept and solidify free liquids by permit/appointment only.

Containment Design

Our double-liner system protects the environment by ensuring that all waste and wastewater (leachate) is contained and isolated from soil and groundwater. Hillsboro Landfill uses synthetic membrane and clay liners built to strict engineering standards. All construction is monitored and documented by independent third-party engineering firms and subjected to review and approval by the Oregon Department of Environmental Quality (DEQ).

Groundwater Monitoring

34 wells are onsite to provide groundwater evaluation and groundwater quality monitoring. Rigorous testing provides added assurance of groundwater protection surrounding the landfill. Monitoring results are submitted to the Department of Environmental Quality (DEQ).

Landfill Gas Management

Hillsboro Landfill has an active gas collection system, which captures landfill gas from a series of vertical and horizontal gas well collectors from within the landfill. The gas system collects approximately 700–800 cubic feet per minute of landfill gas that is controlled by an onsite blower and flare system.

Leachate Collection & Treatment

All waste cells have a leachate collection and removal system, which includes an automated pumping system that maintains sump levels below regulatory requirements. Collected leachate is pumped and conveyed to an offsite wastewater treatment plant.

YEAR OPENED

1965

PROJECTED LIFE REMAINING

35.5 years

FACILITY ACREAGE

394.2 acres

PERMITTED FOOTPRINT

152 acres

REMAINING PERMITTED CAPACITY

12,385,000 cubic yards

TONS PROCESSED ANNUALLY

450,000 tons

OWNERSHIP

Hillsboro Landfill, Inc.

PERMIT TYPE & PERMIT #

DEQ Solid Waste Permit #112

NUMBER OF EMPLOYEES

30

Solidification

Hillsboro Landfill has recently been approved by the Oregon DEQ to accept wastes for solidification. This approval allows for the acceptance of non-hazardous liquid wastes, sludges, and semi-solids for solidification and subsequent landfill disposal.



ALL-WEATHER ACCESS

A dedicated area, with all-weather access, for acceptance of various types of waste has been established



IN-GROUND MIXING BINS

The solidification operation consists of in ground mixing bins for direct acceptance and solidification for liquids, solids, and semi-solids.



20,000 GALLON LIQUID HOLDING TANK

There is also a 20,000 gallon liquid holding tank to accommodate tankers and vacuum trucks, allowing them to offload and leave, reducing standby times. This tank is equipped with a 4-inch discharge pump rated at 450 gpm and several sets of fittings to allow for easy connection.

In addition to solidification operations, the facility can provide washout and industrial cleaning services should the need arise.

Disposal of liquids for solidification can be scheduled by appointment only.

Acceptable Material

- Asbestos – Friable & Non-Friable by appointment only
- Auto Shredder Waste
- Clean & Contaminated Soil
- Construction & Demolition Wastes
- Drummed Waste with Solids
- Industrial Process Waste
- Liquid Waste by appointment only
- Residual Waste from a Dry Waste Material Recovery Facility
- Sludge
- Wood Waste

Unacceptable Material

- Batteries
- Biosolids
- Electronic Waste
- Explosives
- Hazardous Waste
- Infectious Waste
- Putrescible Waste (e.g. food waste)
- Radioactive Waste
- Tires
- White Goods (e.g. refrigerators, air conditioners, etc.)

TYPICAL WASTES THAT ARE APPROVED FOR ACCEPTANCE:

- Car Wash Cleanout Waste
- Catch Basin Grit
- Ink, Paint and Pigment Sludges
- Non-Hazardous Industrial Liquids
- Refinery Sludges*
- Sedimentation Pond Cleanouts
- Tank Cleanouts

* Wastes must be below 10,000 ppm TPH

Additional Services Provided

- Tualatin Valley Waste Recovery Center
- Public Recycling Drop-Off Area

Promoting Wetlands and Wildlife

This site includes 120 acres of wetlands and wildlife habitat. It is home to 100 bird species and mammals including the Great Blue Heron. Our wildlife habitat and wetlands have earned prestigious certification from the Wildlife Habitat Council. These wetlands are also important to the community because they act as a relief valve for neighborhood stormwater and for floodwaters from the Tualatin River.

Approval Process

Hillsboro Landfill has a defined waste screening protocol which protects both our employees and the environment. For all industrial and special waste streams, the generator or agent must complete a Generator's Non-Hazardous Waste Profile (available online at wmsolutions.com) for review and approval by our technical staff.

Community Partnerships and Involvement

Hillsboro Landfill is proud to be an active supporter of the following events, charities and service groups:

- Earth Day
- Hillsboro Chamber of Commerce
- Hillsboro Public Library
- Jackson Bottoms Wetland Preserve and their Annual "Tweet of Dreams"
- Loaves and Fishes Center, Hillsboro
- Oregon Refuse & Recycling Association
- Solid Waste Association of North America
- Stop Oregon Litter and Vandalism (SOLV) of Washington County
- Tuality Healthcare Foundation "CAT Walk" for Cancer Awareness and Treatment
- Washington County Solid Waste Advisory Committee

Hillsboro Landfill is the recipient of two prestigious honors: the 2010 WM Environmental Excellence Award and certification from the Wildlife Habitat Council. Both awards recognize Hillsboro Landfill's operational excellence and success in improving wildlife habitat and educating the community. With over 100 acres of protected wildlife habitat along the Tualatin River, this Waste Management site is home to large populations of many animals. The site even contains a blue heron rookery, along with large expanses of habitats for waterfowl and other native bird species. Hillsboro Landfill's wetland complex is a key component of the Jackson Bottom corridor system, connecting the Jackson Bottom Wetlands Preserve to the north with the Minter Bridge Natural Area to the south.



CONTACT

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COMMUNITY RELATIONS

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