

SOLID WASTE FACILITY PERMIT # PT0004938 (SW-027)

Issued by the Snohomish County Health Department in accordance with the provisions of Chapter 70A.205 of the Revised Code of Washington (RCW), Chapter 173-350 of the Washington Administrative Code (WAC), and Chapters 2.15 and 2.20 of the Snohomish County Board of Health Code.

PERMIT PERIOD: July 1, 2024 TO JUNE 30, 2025

PERMITTEE AND ADMINISTRATIVE INFORMATION

NAME OF FACILITY: Go East Landfill

FACILITY LOCATION: 4330 108th St SE
Everett, WA 98208

FACILITY OWNER: Alpine Estates Owners Association

FACILITY CONTACT: Stacia Bloom
PHONE/EMAIL: 949-838-6057 / Stacia.Bloom@CenturyCommunities.com

PERMIT TYPE: Closed Limited Purpose Landfill

The conditions of this permit are contained on the following pages. This permit is the property of the Snohomish County Health Department and may be suspended or revoked upon violation of any rules and regulations applicable hereto. This permit is not transferable to a different site or business owner and must be renewed annually. This permit or a legible copy must be displayed or stored in a manner that allows easy access by operating personnel.

SECTION I: STANDARD PERMIT CONDITIONS

- A. This permit shall remain the property of the Snohomish County Health Department (Health Department).
- B. The permit may be revoked, suspended, or amended if the Health Department finds:
 - 1. There has been a violation of an applicable local, state, or federal laws, rules, or regulations,
 - 2. There has been a violation of any of the conditions contained in this permit,
 - 3. The permit was obtained by misrepresenting or omitting any information that could have affected the issuance of the permit or will affect the current operation of the facility,
 - 4. There have been significant changes proposed or made to the current operation.
- C. If the permit is suspended, there is a procedure specified in Chapter 173-350-710(7) WAC Solid Waste Handling Standards, to appeal the suspension.
- D. As a general condition of this permit, the permittee shall comply with chapters 2.15 and 2.20 of the Snohomish County Board of Health Code, Chapter 173-350 WAC *Solid Waste Handling Standards*, and other regulations which may be subsequently adopted that affect this facility. Where any conflicts between any regulations are present, the more stringent regulations shall be in effect.
- E. All conditions of this permit shall be followed for the permittee to remain in compliance. The permittee shall be responsible for all acts and omissions of all contractors and agents of the permittee. This requirement shall continue for the life of the site, including post-closure activity.
- F. By permittee's receipt of this permit, permittee grants permission to any duly authorized officer, employee, or representative of the Health Officer of Snohomish County Health Department, or Washington Department of Ecology (Ecology), to enter and inspect the permitted facility at any reasonable time for the purpose of determining compliance with chapters 2.15 and 2.20 of the Snohomish County Board of Health Code, Chapter 173-350 WAC *Solid Waste Handling Standards*, and/or the conditions of this permit.
- G. This permit, or a legible copy of the original, shall be displayed or stored in a manner which allows easy access.
- H. This permit may be amended by the Health Department. More stringent restrictions may be imposed on the family during the period the permit is valid. Amendments shall be made in writing and become specific conditions of the permit.
- I. Permittee must apply for the post-closure permit annually. If needed, changed or additional conditions may be added to the permit at the time of renewal.

SECTION II: PERFORMANCE STANDARDS

In accordance with WAC 173-350-040, the owner or operator shall:

- A. Design, construct, operate, close, and provide post-closure care as applicable, at any solid waste facility in a manner that does not pose a threat to human health or the environment;
- B. Not be in conflict with the approved local comprehensive solid waste management plan prepared in accordance with chapter 70A.205 RCW, Solid Waste Management – Reduction and Recycling, and/or the local hazardous waste management plan prepared in accordance with chapter 70A.300 RCW, Hazardous Waste Management; and
- C. Comply with all other applicable local, state, and federal laws and regulations.

If the performance standards are not met, corrective actions (approved by the Health Department) shall be designed, implemented, and enforced on a time schedule approved by the Health Department.

SECTION III: SPECIFIC CONDITIONS

- A. The permittee has completed pertinent landfill closure activities in the Go East Landfill Closure Plan (LFCP, revised January 2018) and the Go East Landfill Closure Design Plans and Specifications (revised June 23, 2021).
- B. Post-closure care activities shall be conducted in compliance with chapters 2.15 and 2.20 of the Snohomish County Board of Health Code; Chapter 173-350 WAC; and the conditions of this permit.
- C. Post-closure care shall be performed in accordance with WAC 173-350-400(11) for as long as necessary for the landfill to become functionally stable. Post-closure care must consist of the following activities defined in WAC 173-350-400(11)(a):
 - 1. Maintaining the integrity and effectiveness of any final cover, including making repairs to the cover as necessary to correct the effects of settlement, subsidence, erosion, maintaining the vegetative cover (including cutting of vegetation when needed) or other events, and preventing run-on and runoff from eroding or otherwise damaging the final cover. The permittee shall be responsible for these activities during this annual permit period.
 - 2. Monitoring the groundwater, surface water, leachate, landfill gas, and landfill settlement according to the applicable monitoring plans, including any monitoring of remedial measures if applicable, and maintaining all monitoring systems;
- D. Functional stability criteria are defined in WAC 173-350-400(11)(b) for leachate, landfill gas, settlement and cover integrity, and groundwater quality. Specific post-closure care criteria are identified in Ecology Publication No. 11-07-006 (Preparing for Termination of Post-Closure Activities at Landfills Closed Under Chapter 173-304 WAC) and its 2013 Addendum.
- E. Groundwater and Surface Water Monitoring:

1. The permittee shall abide by the Compliance Monitoring Plan (GeoEngineers, May 22, 2024). The Compliance Monitoring Plan meets the objectives for sampling and analysis plans under WAC 173-350-500(4) and WAC 173-340-410(3) and 173-340-820. The Cleanup Action Plan (May 17, 2024) provides the cleanup standards and the compliance criteria for satisfying the cleanup standards.
2. The permittee shall submit an annual monitoring report to the Health Department and Ecology in accordance with WAC 173-350-500(5)(c). The annual monitoring report shall be submitted by April 1, 2025 and include semi-annual groundwater and surface monitoring results from August 2024 and February 2025.
3. The permittee shall submit sampling results to Ecology's Environmental Information Management (EIM) database within 60 days of sampling.

F. Landfill Gas Monitoring:

1. The permittee shall abide by the Landfill Gas Monitoring and Contingency Plan (Herrera Environmental Consultants, Inc., January 17, 2024).
2. The permittee shall abide by notification procedures in Figure C-1 (Flow Chart for Triggers and Contingent Actions for Perimeter Probe Monitoring) of the Landfill Gas Monitoring and Contingency Plan.
3. The permittee shall implement the landfill gas mitigation plan outlined by Herrera Environmental Consultants in a June 14, 2024 letter to Ecology:
 - a. Install a portable blower and associated electrical connection to draw landfill gas from the landfill gas sump near soil gas probe GP-7. Soil gas probes shall be monitored weekly when barometric pressure is declining for one month to assess effectiveness.
 - b. If methane concentrations in soil gas probes persist during the first month of operation, retain portable blower and close vent pipe connections to increase vacuum in the methane trench. Soil gas probes shall be monitored weekly when barometric pressure is declining for one month to assess effectiveness.
 - c. If methane concentrations in soil gas probes persist during the previous month of operation, install larger blower and retain closed vent pipe connections to increase vacuum in the methane trench. Soil gas probes shall be monitored weekly when barometric pressure is declining for one month to assess effectiveness.
 - d. If methane concentrations in soil gas probes persist during the previous month of operation when the larger blower operates, develop and implement a plan to extract soil gas from new soil vapor extraction wells beyond the landfill containment system.
4. The permittee shall obtain all appropriate permits for the installation and operation of the blower(s), and notify the Health Department and Ecology of permit exemptions and activity.

5. The permittee shall notify the Health Department and Ecology of mitigation plan activity, including:
 - a. Schedule for implementation, including updates.
 - b. Permit authorities, exemptions, and process.
 - c. Initiation of each stage of the mitigation plan.
 - d. Brief monthly landfill gas monitoring status reports that summarizes active mitigation actions and includes cumulative data tables for the soil gas probes.
 - e. Evaluation and recommendations from the Landfill Gas Engineer for each stage of the mitigation plan. This report shall describe actions, monitoring results, and recommendations.

6. The permittee shall submit an annual landfill gas monitoring report to the Health Department and Ecology by April 1, 2025 in accordance with Section 6 of the Landfill Gas Monitoring and Contingency Plan and WAC 173-350-500(5)(c).

SECTION IV: REPORTING REQUIREMENTS FOR POST-CLOSURE

- A. All reporting, including but not limited to groundwater and surface water monitoring reports, landfill gas reports, and annual reports, shall be submitted to the Health Department and Ecology. Groundwater and surface water monitoring results should be submitted to Ecology's Environmental Information Management (EIM) database within 60 days of sampling. Annual monitoring reports must be signed and stamped by a licensed professional that meets the requirements of Chapters 18.43 or 18.220 RCW, as applicable.

SECTION V: FINANCIAL ASSURANCE FOR POST-CLOSURE

- A. The permittee is required to continuously maintain financial assurance for post-closure in accordance with WAC 173-350-400(9) and WAC 173-350-600.

- B. The permittee shall provide a post-closure cost estimate in accordance with WAC 173-350-600(5). The permittee must review the post-closure cost estimate annually for completed milestones, functional stability, and approved inflation rates based on the applicable post-closure plans and cost estimate assumptions. The permittee must prepare a new post-closure cost estimate for the remainder of the post-closure care period whenever a change in the post-closure plan(s) increase(s) or decrease(s) the cost of post-closure care. The post-closure cost estimate must be submitted to the Health Department by April 1st of each calendar year.

- C. The permittee must provide one or more financial assurance instruments in accordance with WAC 173-350-600(2). The financial assurance should provide sufficient resources for the closure and post-closure cost estimates. An existing performance bond in the amount of \$497,000 has been posted and shall be affirmed, renewed, or extended to cover the year of this permit.

- D. The financial assurance instruments and any associated accounts are subject to establishment, reporting, and withdrawal requirements in WAC 173-350-600(6) and (7).
- E. The permit obligations include post-closure detention pond monitoring and repair activities. The LFCP requires a separate fund be immediately available should there be a need to repair the detention pond liner. An existing assignment of \$25,000 has been established as a "Repair Fund" that will be available to the property owner to deal with this concern.

SECTION VI: COMPLIANCE TASKS

None currently.