

Puget Sound Air Pollution Control Agency

HEREBY ISSUES AN ORDER OF APPROVAL
TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 18185

Notice of
Construction No. 7487

Date SEP 25 1998

One Aerated Static Pile Composting and Direct Land Application Facility.

DON BAILEY

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BAILEY COMPOST

12711 SPRINGHETTI RD

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WA 98290

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BAILAND FARM

12711 SPRINGHETTI RD

SNOHOMISH

WA 98290

INSTALLATION ADDRESS

BAILEY COMPOST, 12711 SPRINGHETTI RD, SNOHOMISH, WA, 98290

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Air Pollution Control Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of PSAPCA.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. Composting at this facility is permitted for operation without total enclosure restricted to 40,000 cu-yd per year of the following feedstocks: of yard debris, as defined by Snohomish County Code 7.42, horse stall waste and on-site generated dairy manure. The following feedstocks may be composted in unlimited amounts: land clearing debris, clean wood waste, pallets, bark, wood chips, sawdust, soil and sod.
4. The following materials may not be composted at this facility: mixed waste or garbage, sheetrock or paper/cardboard recycled from sheetrock, pre or post consumer food wastes, building demolition debris, treated or painted wood, insulation, roofing materials (including wood shingles), garbage, liquid wastes, or any other waste materials not listed in Condition No. 3.
5. All fresh incoming wastes received by the facility for composting are to immediately be assessed. Bulking materials shall be mixed with the feedstocks until a carbon to nitrogen ratio of approximately 30:1 is achieved. The amended feedstock for the composting piles shall then be placed on air within 8 hours. Within 48 hours, the amended feedstock shall be added to the compost and covered by more mature (odor stabilized) compost to act as a biofilter.
6. Bailey Compost shall use only shredded yard waste at agronomic rates for direct land application, restricted to its farm in Snohomish, WA.
7. The Operation and Maintenance (O&M) Plan will be updated to address procedures for determining, handling or refusing especially odorous loads brought on site. The updated plan must address procedures for determining when the aerated static pile with biofiltration layer is operating properly, and the corrective actions that will be taken when it is not.
8. Aerated static piles with biofiltration layer shall be limited to 15 feet in height during initial construction. No new wastes shall be added on top of the curing compost after settling occurs.
9. Leachate from the compost facility shall not be used for dust or fire control.
10. Reclamation shall only occur after the internal temperature of the compost pile drops to 20 degrees C (68 degrees F) above ambient, and a Solvita Jar Test shows that the compost has reached a state at which the aeration need is reduced, but curing is still required (Solvita test result 6 or greater). Reclamation shall cease should distinct odors be released when the pile is broken into, and shall not take place during temperature inversions or during periods of calm (<4 knot) winds. Site personnel shall use a windsock and weather reports to determine when to cease reclamation operations. Temperature readings and samples for the Solvita Jar Test shall be taken at least nine feet inside the pile.
11. Should odor be detected emitting from a compost pile, the area of the emission shall be identified and the pile sealed with a bulking agent. If a section of a pile becomes anaerobic, a layer of mature compost or wood chips at least two feet in thickness shall be placed on that section to act as a biofilter. If the pile continues to emit odors despite these efforts, the section of the pile producing the odors shall be removed and taken for final disposal at a solid waste disposal facility, as directed by the Snohomish County Solid Waste Management Division.
12. Bailey Compost shall report in writing to PSAPCA (Attn: Permit Certification) all instances of deviations from these permit conditions, including those attributable to upset conditions. The report shall include the probable cause of the deviations, and any

corrective actions or preventive measures taken. Bailey Compost shall report any deviations to PSAPCA that represent a potential threat to human health or safety by FAX (206-343-7522) as soon as possible, but no later than 12 hours after such a deviation is discovered. Bailey Compost shall report other deviations in writing no later than 30 days after the end of the month during which the deviation has occurred.

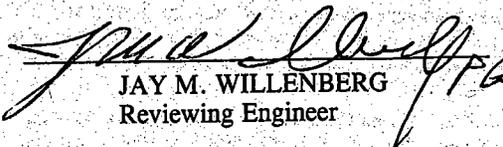
13. Bailey Compost shall create and maintain records of the volume of compostible materials received each month, monitoring actions, corrective actions taken to prevent deviations, a contemporaneous record of all deviations, and records of complaints received and corrective actions taken. These records shall be maintained on site and made available for PSAPCA review for at least three years.
14. Bailey Compost shall submit copies of all reports sent to the Snohomish Health District to PSAPCA (Attn: Permit Certification).
15. This Order of Approval No. 7487, issued to remove the experimental designation, to add direct land application of yard debris, and to add conditions for operating the permanent facility, hereby supersedes and cancels Order of Approval No. 6211 dated Oct 26, 1995.

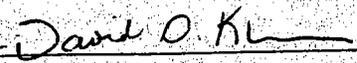
APPEAL RIGHTS

Pursuant to PSAPCA's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon PSAPCA within 30 days of the date the applicant receives the Order.


CLAUDE M. WILLIAMS
Reviewing Engineer

MEJ


JAY M. WILLENBERG
Reviewing Engineer


for DENNIS J. McLERRAN
Air Pollution Control Officer