



SOLID WASTE FACILITY PERMIT # SW-017

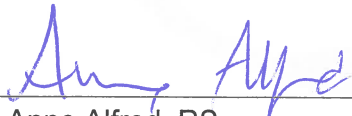
Issued by the Snohomish Health District in accordance with the provisions of Chapter 70.95 of the Revised Code of Washington (RCW), Chapter 173-350 of the Washington Administrative Code (WAC), and the Snohomish Health District Sanitary Code, Chapters 3.1 and 3.2 (adopted text of WAC 173.350).

PERMIT PERIOD: JULY 1, 2017 TO JUNE 30, 2018

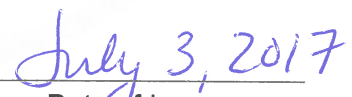
PERMITTEE AND ADMINISTRATIVE INFORMATION

NAME OF FACILITY:	Cadman Everett Petroleum Contaminated Soil Treatment Facility
FACILITY LOCATION:	6300 Glenwood Avenue, Everett, Washington 98203
FACILITY OWNER:	Cadman Materials, Inc
FACILITY OPERATOR:	Larry Baker / Christy McDonough
PHONE:	425.210.8429 / 425.961.7325
PERMIT TYPE:	Piles for Petroleum Contaminated Soil Treatment
ANNUAL FEE:	\$3,400.00

The conditions of this permit are contained on the following pages. This permit is the property of the Snohomish Health District 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.



Anne Alfred, RS
Land Use Section
Environmental Health Division



Date of Issuance

SECTION I: STANDARD PERMIT CONDITIONS

- A. This permit shall remain the property of the Snohomish Health District (Health District). The permit may be revoked, suspended, or appended upon violation by the permittee of any applicable local, state, or federal laws, or any of the conditions of this permit, by the Health Officer or any authorized agent of the Health District. If the permit is revoked, there is a procedure specified in the Snohomish Health District Sanitary Code, Chapters 3.1, *Solid Waste Handling Regulations*; and 3.2, Chapter 173-350 WAC *Solid Waste Handling Standards*, to appeal the revocation.
- B. As a general condition of this permit, the permittee shall comply with the Snohomish Health District Sanitary Code, Chapters 3.1, *Solid Waste Handling Regulations*; Chapter 173-350 WAC *Solid Waste Handling Standards* or 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.
- C. 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 closure activity.
- D. By permittee's receipt of this permit, permittee grants permission to any duly authorized officer, employee, or representative of the Health Officer of Snohomish Health District, or Washington Department of Ecology, to enter and inspect the permitted facility at any reasonable time for the purpose of determining compliance with the Snohomish Health District Sanitary Code, Chapters 3.1, *Solid Waste Handling Regulations*; Chapter 173-350 WAC *Solid Waste Handling Standards* and/or the conditions of this permit.
- E. This permit, or a legible copy of the original, shall be displayed or stored in a manner which allows easy access by operating personnel.
- F. This permit shall be subject to suspension or revocation if the Health District finds:
1. That 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;
 2. That there has been a significant change in quantity or character or the solid waste or method of solid waste handling without notification and approval of the Health District; or
 3. That there has been a violation of any of the conditions contained in this permit.
- G. This permit may be amended by the Health District. More stringent restrictions may be imposed on the facility during the period the permit is valid. Amendments shall be made in writing and become specific conditions of the permit.
- H. The operating permit shall be renewed annually and, if needed, additional conditions may be placed upon the permit at the time of renewal.

SECTION II: PERFORMANCE STANDARDS

The owner or operator shall:

- A. Design, construct, operate, and close all facilities in a manner that does not pose a threat to human health or the environment;
- B. Comply with Chapter 90.48 RCW, *Water Pollution Control* and implementing regulations, including Chapter 173-200 WAC, *Water Quality Standards for Ground Waters of the State of Washington*;
- C. Conform to the approved local comprehensive solid waste management plan prepared in accordance with Chapter 70.95 RCW, *Solid Waste Management – Reduction and Recycling*, and/or the local hazardous waste management plan prepared in accordance with Chapter 70.105 RCW, *Hazardous Waste Management*;
- D. Not cause any violation of emission standards or ambient air quality standards at the property boundary of any facility, and comply with Chapter 70.94 RCW, *Washington Clean Air Act*;
- E. Operate with an approved Order of Approval from the Puget Sound Clean Air Agency (PSCAA). If the PSCAA permit is denied for any reason, the Health District's permit is subject to suspension;
- F. Comply with all other applicable local, state, and federal laws and regulations.

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

SECTION III: SPECIFIC CONDITIONS

- A. The Cadman Everett Petroleum Contaminated Soil Treatment Facility shall operate in accordance with the approved plan of operation dated June 30, 2017. The permittee shall notify the Health District in writing prior to any deviation from or change in the operating plan. These changes will require Health District approval prior to implementation.
- B. The facility shall comply with all conditions stated in Puget Sound Clean Air Agency's (PSCAA) Order of Approval to Construct, Install or Establish permit identified as *Notification of Construction No. 8408*, Registration No. 10169 and dated June 15, 2001.
- C. All incoming contaminated soil must be verified by a state approved laboratory. Incoming contaminated soil found to be inconsistent with the Testing Requirements stated in Section IV or contaminated to the extent that they are classified as dangerous waste or otherwise found to be unsuitable for treatment shall be returned to the generator. Such piles of unacceptable contaminated soils must be tarped and placed on an impervious surface until removed.
- D. All incoming contaminated soils must be immediately moved under permanent cover for storage.

- E. Any incoming contaminated soils proposed for storage outside permanent storage building(s) for more than three (3) months require a change to the facility's operation plan. The amended plan of operation shall include engineered plans of the surface on which the pile(s) will be placed, including an analysis of the surface under the stresses expected during operations and design of the surface water management systems, including run-on prevention and run-off conveyance, storage and treatment; design and construction standards; mitigation and testing requirements to minimize environmental contamination. The amended plan of operation must be reviewed and approved by the Health District before temporary, outside storage is implemented.
- F. The permittee shall keep the following records on site at all times, and make them available for Health District review upon request:
 - 1. Self-inspection reports.
 - 2. Source, type and quantity of contaminated soil accepted.
 - 3. Records of any laboratory analysis performed on incoming feedstock as well as production sampling.
- G. End-use of treated petroleum contaminated soils must meet the criteria as cited in the Department of Ecology's *Guidance for Remediation of Petroleum Contaminated Soils*. Unacceptable end-use includes, but is not limited to, reuse in residential, playground, wetland, or other sensitive area applications. Treated soils must not be used in close proximity to ground water.

SECTION IV: TESTING REQUIREMENTS

- A. Follow and test per PSCAA's Order of Approval to Construct, Install or Establish permit identified as *Notification of Construction No. 8408*, Registration No. 10169, dated June 15, 2001.
- B. Feedstock soils to be deposited into inert waste landfills must not exceed standards for the following heavy metals as shown in Model Toxics Control Act (MTCA) Table 740-1, Method A Soil Cleanup Levels for Unrestricted Land Uses – Arsenic, Cadmium, Lead, Mercury and Chromium.
- C. Feedstock can include street wastes and vector wastes as defined in Department of Ecology's publication 02-04-032 providing the material is de-watered and does not exceed 15% organics per load.
- D. Feedstock soils must not produce leachate outside the pH range of 6.5 – 8.5.
- E. Unacceptable materials include garbage, wood, paper, materials designated as dangerous waste, pesticides, herbicides and other materials as determined by the Health District's Waste Screening Determination process.

F. Sampling criteria for incoming contaminated soils must be tested at the following frequency:

- At least 3 soil samples for less than 100 cubic yards.
- At least 5 soil samples for 101 – 500 cubic yards.
- At least 7 soil samples for 501 – 1000 cubic yards.
- At least 10 soil samples for 1001 – 2000 cubic yards.
- At least 10 soil samples test for greater than 2000 cubic yards, plus 1 additional sample for every 500 cubic yards over 2000.

G. Post-treatment sampling must be done using NWTPH-Dx testing procedure according to above mentioned sampling criteria and made available for Health District review.

SECTION V: FACILITY CLOSURE CONDITIONS

The permittee shall conduct closure activities in accordance with WAC173-350 and per approved plan of operations.

SECTION VI: COMPLIANCE SCHEDULE FOR OPERATING

No compliance schedule in effect at this time.

SECTION VII: APPROVED PERMIT AMENDMENTS