



**WATERTOWN LANDFILL
FACT SHEET
STEWARDSHIP PERMIT**

I. Name and Address of Applicant:

Watertown Landfill
0 Old Baird Road
Watertown, CT 06795
EPA ID No. CTD991289398

II. Facility Type:

Watertown Landfill is a facility that [formerly] treated, stored, or disposed of Resource Conservation and Recovery Act (RCRA) hazardous wastes, and applied for a RCRA Permit through the submittal of a RCRA Part A permit application. The Permittee submitted to the Connecticut Department of Energy and Environmental Protection (the Department) an Application for a Renewal Stewardship Permit, (Application 202005149), on March 27, 2020, (with supplemental attachments submitted on June 21, 2021). This is a RENEWAL of PERMIT No. DEP/HWM/CS-153-010 issued on July 28, 2010.

III. Purpose of Permit:

The purpose of a Stewardship Permit is to require the completion of investigation, remediation, and long-term stewardship requirements including monitoring of environmental conditions, engineered controls, and institutional controls, as applicable. The permit requires financial assurance and public participation in final remedy decisions. The Stewardship Permit ensures that the sitewide environmental remedy remains effective into the future.

IV. Statutory and Regulatory Basis of Permit:

The issuance and conditions of this Stewardship Permit are based upon the Regulation of Connecticut State Agencies (RCSA) adopted pursuant to Connecticut General Statutes (CGS) Section 22a-449(c), and upon the provisions of CGS Section 22a-6. The Connecticut Hazardous Waste Management Regulations incorporate by reference the federal RCRA hazardous waste regulations. These federal regulations include the technical and administrative standards for hazardous waste facilities as identified by Title 40 of the Code of Federal Regulations (CFR) Parts 264 and 270.

Pursuant to RCSA Section 22a-449(c)-104(a)(2)(O), incorporating with changes 40 CFR 264.101, an owner or operator seeking a permit for treatment, storage, or disposal of hazardous waste must institute corrective action as necessary to protect human health and the environment for all releases of hazardous waste or constituents at the facility, regardless of the time such release occurred or the origin of the release. The permit contains a schedule of compliance for any corrective action which has not been completed prior to issuance of the permit and assurances of financial responsibility for completing such corrective action.

V. Description of Facility:

The Watertown Landfill is located on an approximately 18-acre plot on Old Baird Road in the southwestern portion of the Town of Watertown. A closed metal hydroxide sludge lagoon is located adjacent to the western limit of the closed municipal solid waste landfill. Both disposal areas are located on property owned by the Town of Watertown. The landfill is bordered by woodlands to the east, west, and north and by the intersection of Artillery Road and Hamilton Avenue to the south. Wetlands are located south of the landfill, across the street from Artillery Road and Hamilton Avenue. Residential properties are located to the east, southeast, and southwest of the landfill.

The Watertown Landfill operated from the late 1920's until approximately 1982 for the disposal of municipal solid waste. The landfill was closed and capped by August 1981 in accordance with the August 1981 Landfill Closure Plan prepared by Roald Haestad, Inc. (Revised January 1982). The landfill is currently occupied by a transfer and recycling station (Hamilton Avenue Disposal Facility), dog pound, and salt storage shed. The metal hydroxide sludge lagoon operated from 1977 to 1982. Closure operations were conducted in accordance with GZA's revised Closure/Post-Closure Plan approved by the CT DEEP and the US EPA in April 1988. Closure of the metal hydroxide sludge lagoon began in 1992 and was completed in 1996. The northwestern portion of the property was occupied by a police shooting range until the mid-to-late 2010's. An approximately 30-foot by 60-foot portion of the shooting range was historically occupied by a lined disposal cell used until the early 1970's for the disposal of inks, dyes, and solvents.

VI. Closure of the Hazardous Waste Management Units:

The landfill was closed in accordance with the August 1981 Landfill Closure Plan prepared by Roald Haestad, Inc. (Revised January 1982). The landfill stopped receiving municipal solid waste in 1982 and reportedly contains over 500,000 cubic yards of solid waste material. The landfill has not accepted municipal solid waste since 1982, and the Town of Watertown does not currently treat or dispose of any hazardous wastes regulated under RCRA or CFR Parts 264 and 270 at the landfill. Under an agreement with the DEEP, the landfill continued to receive wood waste (trees, stumps, brush, etc.) in the southern portion of the property for several years before completing closure. Final cover, consisting of an approximately 2-foot-thick earthen cap was placed over the northern portion of the landfill by August 1981.

Activities at the transfer station are ongoing and do not follow the same closure schedule as the landfill. A schedule for transfer station closure is unknown at this time. When such a schedule is developed, the Town of Watertown will provide notification of closure to the DEEP at least 60 days prior to the date the transfer station expects to stop receiving waste.

Closure operations for the metal hydroxide sludge lagoon were conducted in accordance with GZA's revised Closure/Post-Closure Plan approved by the CT DEEP and the US EPA in April 1988. The metal hydroxide sludge lagoon operated from 1977 to 1982, during which time approximately 4,350 cubic yards of metal hydroxide sludge containing antimony, zinc, chromium, and nickel were received. In November 1982 metal hydroxide sludge disposal ceased and a concrete berm was constructed around the cell. In 1983 the Town of Watertown began to prepare the metal hydroxide sludge lagoon for closure in accordance with 40 CFR 265.110. Closure of the metal hydroxide sludge lagoon began in 1992 and was completed in 1996.

Fuss & O'Neill prepared a Post Closure Care Plan on behalf of the Town of Watertown in April 2011 in accordance with Stewardship Permit Number DEP/HWM/CS-153-010. The plan was approved by the CT DEEP on April 19, 2012. The metal hydroxide sludge lagoon had been closed, capped, and protected by a chain link fence in accordance with the 1988 Closure/Post-Closure Plan. The Town does not anticipate post-closure use of the metal hydroxide sludge lagoon area, which will continue to be protected by a chain link fence..

VII. Corrective Action and Long-Term Stewardship Obligations:

- RCRA Corrective Action requires the investigation and cleanup of all releases of contaminants at the facility to the environment. The use of any engineering controls and/or institutional controls to achieve compliance with the Remediation Standard Regulations (RCSA Sections 22a-133k-1-3, inclusive) at a RCRA Facility requires a RCRA Permit. Note: use of Industrial/Commercial (I/C) Direct Exposure Criteria (DEC) is an institutional control that does not require a RCRA permit on its own.
- The Remediation Standard Regulations are the basis for determining that remediation is complete, with or without engineering and/or institutional controls.
- The Stewardship Permit, specific to this property, requires post closure care of the former lagoon including maintenance and inspection, and groundwater monitoring.
- The Stewardship Permit requires the establishment and maintenance of mechanisms assuring financial responsibility.

VIII. Available Materials:

Materials available for inspection with respect to this permit include:

- A. The Permit Application;
- B. The Draft Stewardship Permit;
- C. The Notice of Tentative Determination for the Draft Stewardship Permit;
- D. Fact Sheet

These materials are available on the Department's webpage: [Proposed Individual Permits \(ct.gov\)](http://Proposed Individual Permits (ct.gov)).

Questions may be directed to Kelsey Shields by email at Kelsey.Shields@ct.gov or to DEEP.REMStewardship@ct.gov.