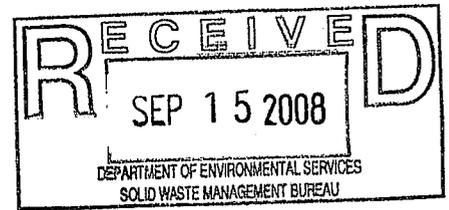


Hebron-Bridgewater Refuse District Solid Waste Processing & Treatment Facility

Closure Plan

This facility closure plan is for the Hebron-Bridgewater Refuse District incorporated in 1976 by the voters of Hebron and Bridgewater, NH. The facility is located in Bridgewater at 290a Dick Brown Road.

2008



**SECTION I
FACILITY IDENTIFICATION**

Facility Name: Hebron-Bridgewater Refuse District
(The Towns of Hebron and Bridgewater established the Refuse District by vote of their respective Town meetings in 1976. The Selectmen of both towns act as the governing Board)

Mailing Address: 297 Mayhew Turnpike, Bridgewater, NH 03222

Street Address: 290A Dick Brown Rd, Bridgewater, NH 03222

Permit Numbers **Air: PO-C-0382**
Solid Waste: (pending)

Facility Type: Processing / Treatment
(The facility is a collection, storage and transfer facility, coupled with recycling, and incineration of some municipal waste.)

Design Capacity: 8 tons per day average

Incineration Capacity: 750 Lb/Hr Maximum

Quantity of Waste to Be Stored at the Facility: 50 Tons Maximum

Facility Service Type: Limited Public

Facility Service Area Description: The facility serves the towns of Bridgewater and Hebron

Facility Owner / Permittee: Hebron-Bridgewater Refuse District

Property Owner: Hebron-Bridgewater Refuse District

Operator(s) Name: Hebron-Bridgewater Refuse District

Town of Hebron: 7 School St., Hebron, NH 03241 Telephone # 744-2631

Town of Bridgewater: 297 Mayhew Tpke., Bridgewater, NH 03222 Telephone # 744-5055

SECTION II CLOSURE SCHEDULE:

There is no specific known date of closure of this facility. Some form of municipal waste management has been ongoing at this site since the 1950's. It has been upgraded on various occasions depending on municipal needs as well as State and Federal requirements.

The facility will be upgraded and maintained as long as it provides a viable service to the Towns of Bridgewater and Hebron. The estimated life of the facility is 35-40 years. An assumed date of closure is 2045. Any closure will take 90 days to complete after cessation of operations.

The following closure schedule is projected:

- Day 0 to 1: File Notice of Intent to Closure with NHDES prior to commencing.
- Day 2 - 10: Remove all solid waste and accumulated materials to authorized facilities. Clean exterior grounds
- Day 11 - 70: Remove Incinerator; Scrubber; Balers and all related equipment. Steam clean all building surfaces. Remove propane tanks.
- Day 71 - 90 Prepare and submit notification to NHDES that closure is complete. Notify the Towns of Bridgewater and Hebron and turn over the remaining buildings which are to be shared by both municipalities. The site will remain in the ownership of the District in perpetuity as there are preexisting (monitored) landfills on the site.

SECTION III WASTE IDENTIFICATION

- Wastes accepted for processing/recycling are described in section 2 of the Hebron-Bridgewater Operation Plan. They include:
- RDF (MSW less recyclables = waste paper and putrescible materials destined for incineration)
- Bulky waste (white goods, appliances, furniture, auto parts, tires, as defined in the rules.
- Scrap metal
- Construction and demolition debris as defined in the rules.
- Recyclable materials including tires,
- E-waste, lead acid batteries and propane tanks, waste oil, anti-freeze. (These items are stored in appropriate containers for proper management and disposal.)
- Leaf and yard waste.

The facility does not intentionally handle hazardous waste as defined by RSA 147-A-2 VII and DES Hazardous Waste Rules.

SECTION IV NOTIFICATIONS

90 days prior to cessation of facility operations, H-B Refuse will provide written notification to all users of the facility and NHDES in accordance with the requirements of the solid waste rules. The notice will be posted at the facility, at the Town offices, and in two of the local newspapers including final date of the receipt of waste at the facility.

**SECTION V
CLOSURE REQUIREMENTS;**

Solid Waste Removal:

All on-site wastes, including recyclables will be removed and transported to authorized disposal facilities in accordance with NHDES solid waste rules. All maintenance fluids and oils will be transported or recycled as appropriate.

Equipment Removal and Decommissioning:

All waste handling equipment will be sold. The incinerator and scrubber will be dismantled and removed by the manufacturer. If not financial viable, the units will be dismantled and sold as scrap steel. The refractory will be tested for contaminates and disposed of according to NHDES solid waste rules.

Facility Cleanup:

Following removal of solid waste and equipment removal, the buildings and exterior grounds will be cleaned.

**SECTION VI
POST CLOSURE REQUIREMENTS:**

Solid waste and recyclable materials will be recycled, reused, incinerated and transferred depending upon the material. When those facility operations cease, the closure activities will assure that the remaining site will not adversely impact the environment, public health or safety.

Following removal of solid waste and equipment removal, the buildings and exterior grounds are to be cleaned.

In the event of closure, the intent of the District is to keep the buildings and site in perpetuity for seasonal storage and use by the Towns of Hebron and Bridgewater Highway Departments. As the 12 acre site had a pre-1981 burn site, ash and C&D landfills, it is impractical to sell or otherwise use the site.

On-going monitoring wells will continued to be bi-annually sampled for the next 30 years by the municipalities.

**SECTION VII
RECORD KEEPING AND REPORTING**

Following completion of closure activities, written notice will be provided to NHDES that closure has been completed.

Pursuant to reporting requirements as described in the solid waste rules, a final annual report of the H-B Refuse District will be submitted to NHDES by March 31st of the year following closure.

Following closure, all records will be retained by the towns of Hebron and Bridgewater at their respective town offices

**SECTION VIII
OTHER PERMITS**

**SECTION IX
CLOSURE COST ESTIMATES:**

The closure cost estimates for H-B Refuse District is to be prepared in accordance with this closure plan and the requirements of NHDES solid waste rules. The estimate forecast assumes compliance with applicable laws and rules which makes closure the most expensive. The items to be removed are as follows: *(Cost estimates can be found in appendix A.)*

- Municipal solid waste – 5 tons.
- Recovered metals – 10 tons
- C&D (separated wood) 10 tons
- Tires – 5 tons
- Propane tanks – 2 ton
- E-Waste – 4 tons
- Non-recycled goods 8 tons
- Newspaper and cardboard – 10 tons
- Equipment salvage and removal
- House keeping (Steam cleaning, dust removal etc)

(Salvage values were not used to reduce the estimate.)

H-B Refuse District
 290 Dick Brown Rd
 Bridgewater, NH 03222

Cost Estimate for
 Closure of Solid Waste
 Facility

8/25/2008]

DES Permit #

Hebron - Bridgewater Refuse District
 Processing - Treatment Facility
 Revision 1.0

Permitted Material	Quantity		Disposal Cost		Transportation Costs - Non SPR Material (per ton)	Total Costs	Disposal Destination
	SPR (tons)	Non-SPR (tons)	Non-SPR	Non-SPR (per Ton)			
Municipal Solid Waste		5		46	10	280	Wheelebrator, Concord, NH
Recovered Metals		10			20	200	Max Cohen, Concord, NH
C & D		10		100	15	1150	ERCO-NH, Epping, NH
Tires		5		100	17	585	Routher, Ayer, Ma
E-Waste		4		100	15	460	Supreme Recycling, Loeminster, Ma
Newspaper & cardboard		10			17	170	Corcoran, Manchester, NH
Non Recyclables		8		65	15	640	Empire, Danvers, Ma
Propane tanks		2		50	17	134	Max Cohen, Concord, NH
Totals		54			Totals	\$3,619	

Site Cleanup (Per approval closure plan)	Description of Work to be Performed	Costs
Labor	General site cleanup	1,125.00
Building Cleaning	Steam clean floors, walls, ceiling	1,400.00
Equipment Removal	Deconstruct Incinerator; Remove Accessory Equipment	40,000.00
10% Contingency	Sub-total	42,525.00
	10%	4,252.50
	Total Closure Cost	\$50,396.50