



Waste Management Division

For Office Use Only:	
WMD Log #:	_____
Date Rec'd.:	_____
No. of Copies:	_____
Fee: \$	_____ / Check # _____

APPLICATION FORM FOR TYPE I MODIFICATION TO SOLID WASTE MANAGEMENT FACILITY PERMIT

pursuant to
RSA 149-M and New Hampshire Administrative Solid Waste Rule Env-Sw 315

SECTION I. FACILITY IDENTIFICATION

(1)	Facility name: Durham Solid Waste Management Facility
(2)	Functional classification: <input checked="" type="checkbox"/> collection/storage/transfer <input type="checkbox"/> processing/treatment <input type="checkbox"/> landfill
(3)	Mailing address: 100 Stone Quarry Drive Durham, NH 03824
(4)	Permit number: DES-SW-90-008
(5)	Location, by street address and municipality: 100 Durham Point Road Durham, NH 03824

SECTION II. PERMITTEE IDENTIFICATION

(1)	Permittee/applicant name: Town of Durham, NH		
(2)	Mailing address: 8 Newmarket Road		
(3)	Telephone number: 603-868-8043		
(4)	If different than above, identify the individual associated with and designated by the permittee/applicant to be the contact individual for matters concerning this application:		
	(a) Name: Samuel Hewitt	(b) Title: Assistant Director of Public Works	
	(c) Mailing address: 100 Stone Quarry Drive Durham, NH 03824		
	(d) Telephone number: 603-868-5578	(e) E-Mail: shewitt@ci.durham.nh.us	

SECTION III. DESCRIPTION OF PROPOSED MODIFICATION

Describe the proposed modification by answering each of the following questions. Use additional paper as necessary.

(1)	Provide a BRIEF description of the proposed modification. [Check box if response is provided on separate paper <input checked="" type="checkbox"/>		
(2)	Identify whether the proposed modification is a "type I-A" or "type I-B" modification. (If uncertain, use the worksheet provided with the instructions for this form): <input checked="" type="checkbox"/> Type I-A <input type="checkbox"/> Type I-B		
(3)	Identify, either below or on separate paper, each written permit condition that will require amendment to effect the proposed modification and provide draft language for the same. [Check box if response is provided on separate paper <input checked="" type="checkbox"/>		
(4)	Identify, below, each "last approved plan of record" identified in the permit which will be affected by the proposed modification and will therefore require amendment/revision:		
	Check here if affected	TYPE OF PLAN	DES APPROVAL DATE
	<input checked="" type="checkbox"/>	Facility design plans/specifications	Unknown
	<input checked="" type="checkbox"/>	Facility operating plan	Unknown
	<input checked="" type="checkbox"/>	Facility closure plan	Unknown
	<input checked="" type="checkbox"/>	Facility financial assurance plan	Unknown
	<input checked="" type="checkbox"/>	Other plan (specify): Permit #DES-SW-90-008	04/12/90
			WMD LOG # (Find this number on your copy of the approval) 15-90

(5)	Submit, on separate paper, the proposed amendments/revisions for each document identified pursuant to (4) above, based on the below listed instructions. (Note: The revisions may be presented in the form of replacement pages ready for substitution into the last approved plan of record, each page being clearly marked to show the date of revision. In the event there is no last approved plan of record for any of the following, you must prepare and submit a full plan, including the proposed modification(s), in accordance with the applicable cited Rules.)
<input checked="" type="checkbox"/>	Facility design plans must be prepared in accordance with Env-Sw 1103.05.
<input checked="" type="checkbox"/>	Facility operating plans must be prepared in accordance with Env-Sw 1105.11.
<input checked="" type="checkbox"/>	Facility closure plans must be prepared in accordance with Env-Sw 1106.04.
<input checked="" type="checkbox"/>	Financial assurance plans must be prepared as specified in Env-Sw 1400 and must include all related draft financial assurance documents required to effect the proposed modification.
(6)	In order for DES to approve the proposed modification, the agency must be able to conclude from the information provided in this application that the proposed modification meets all applicable requirements of the Rules. Therefore, for any aspect of the proposed modification where it may not be self-evident that the proposed change meets all applicable requirements of the Rules, you should explicitly provide such information. Provide your response below and/or use separate paper as necessary. (Check box if response is attached on separate paper <input type="checkbox"/>)

SECTION IV. SCHEDULE Provide a proposed schedule for implementing the modification. Use separate paper if necessary. (Check box if response is attached on separate paper <input checked="" type="checkbox"/>)

SECTION V. STATEMENT OF NEED Provide a statement of need describing why the proposed change is necessary or desirable. Use separate paper if necessary. (Check box if response is attached on separate paper <input checked="" type="checkbox"/>)

SECTION VI. IMPACT EVALUATION On separate paper, identify all impacts, both positive and adverse, which the proposed modification will have, including each of the below listed considerations.
(1) The effect the modification will have on facility function, capacity, life expectancy, service type and service area.
(2) The effect the modification will have on the environment, public health and safety.
(3) The effect the modification will have on the state's ability to achieve the goals and objectives specified in RSA 149-M:2, namely achieving a 40% minimum weight reduction in the solid waste stream on a per capita basis by the year 2000 and avoiding the disposal of recyclable materials in a lined landfill with a leachate collection system.
(4) The effect the modification will have on establishing and maintaining integrated waste management systems consistent with the hierarchy of waste management methods in RSA 149-M:3 [the methods, in descending order of preference as specified in RSA 149-M:3, are: source reduction; recycling and reusing; composting; waste-to-energy technologies (including incineration), incineration without resource recovery; and landfilling].
(5) Consistency with the state solid waste management plan and the applicable district plan, pursuant to RSA 149-M:12,(b). If necessary, contact the P&DRS at (603) 271-2925 for plan information.

SECTION VII. PUBLIC BENEFIT DEMONSTRATION Provide a "demonstration of public benefit" based on the below listed instructions. Check which one of the listed instructions applies to your particular application.
<input checked="" type="checkbox"/> For a type I-A modification of a standard permit, provide a "demonstration of public benefit" in accordance with RSA 149-M:11 and in conformance with the provisions of Env-Sw 1005.05. Prepare and submit the demonstration on separate paper.
<input type="checkbox"/> For a type I-A modification of an emergency permit or a research and development permit, or a permit-by-notification, there is a presumption of public benefit, provided that the proposed modification meets all requirements of the Rules. Therefore, you may skip this section and go to Section VIII.
<input type="checkbox"/> For a type I-B modification, there is a presumption of public benefit, provided that the proposed modification meets all requirements of the Rules. Therefore, you may skip this section and go to Section VIII.

SECTION VIII. OTHER PERMITS

Complete the following table to identify and provide the status of all other permits or approvals necessary to effect the proposed modification.

Type of Permit/Approval Required	Date the Application was/will be Submitted	Status/Comments
MSGP - Industrial Activities	10/24/22	Notice of Intent submitted and awaiting approval.

SECTION IX. LEGAL NOTICES

Submit proof of having provided certain legal notifications and filings, as follows:

- (1) You must send by certified mail, or deliver in hand, a complete copy of this application to the host municipality, host solid waste management district and other affected entities, with a "notice of filing," as specified by Env-Sw 303.
- (2) For a type I-A modification, you must send by certified mail, or deliver in hand, a "notice of filing" to each owner of property abutting the facility site, as specified by Env-Sw 303. If the applicant/permittee or the owner of the facility site owns any abutting parcel of land, the "notice of filing" must be sent to the owner(s) of the next parcel(s) not owned by the permittee/applicant or facility site owner.
- (3) You must also provide a "notice of filing" to the New Hampshire Department of Justice/Office of the Attorney General (NH DoJ/AGO) if, pursuant to Section X(2) of this form, you are required to submit business and personal disclosure information.
- (4) You must attach to this application "proof" that notification has been provided as required by (1) through (3) above. Therefore, attach a copy of the notice(s) of filing and the signature(s) of all required recipients, acknowledging receipt.

SECTION X. CERTIFICATION OF COMPLIANCE/COMPLIANCE REPORT

All applications for permit modification must be submitted with either certification of compliance or a compliance report, as follows:

- (1) If you are ABLE to certify that each of the statements numbered (1) - (8) below are true, do so by your signature.
- (2) If you are UNABLE to certify that each of the statements numbered (1) - (8) below are true, you must:
 - Prepare and submit a separate Compliance Report as specified by Env-Sw 303.15; and
 - If the proposed modification involves a change in organizational structure, or a change in individuals/entities holding 10% or more of the permittee's debt or equity, or a change in officers, directors, partners or key employees, none of which constitutes a change in operational control of the facility or a change in ownership per Env-Sw 315.02(f), also submit completed "business and personal disclosure forms" for each non-compliant individual and entity involved in the change. Obtain the required forms from the P&DRS at (603) 271-2925. Submit the completed forms, with the notice of filing referenced by Section IX(3) of this form and a copy of the Compliance Report, direct to the New Hampshire Department of Justice/Office of Attorney General, Environmental Protection Bureau, 33 Capitol Street, Concord, NH 03301-6397. [Note: Copies of the completed disclosure forms should NOT be attached to this application when it is submitted to DES or to the host municipality, host solid waste management district and other effected entities, pursuant to Section IX(1) above. Only the NH DoJ/AGO should receive copies of the disclosure forms].

COMPLIANCE STATEMENT

The applicant shall certify that each of the statements listed in (1)-(8) below are true for each of the following individuals and entities:

- The applicant, and
- The facility owner, and
- The facility operator, and
- All individuals and entities holding 10% or more of the applicant's debt or equity, and
- All of the applicant's officers, directors, and partners, and
- All individuals and entities having managerial, supervisory or substantial decision making authority and responsibility for the management of the facility operations or the activity(s) for which approval is being sought.

(1)	No individual or entity listed above has been convicted of or plead guilty or no contest to a felony in any state or federal court during the 5 years before the date of the application.
(2)	No individual or entity listed above has been convicted of or plead guilty or no contest to a misdemeanor for a violation of environmental statutes or rules in any state or federal court during the 5 years before the date of the application.
(3)	No individual or entity listed above has owned or operated any hazardous or solid waste facility which has been the subject of an administrative or judicial enforcement action for a violation of environmental statutes or rules during the 5 years before the date of the application.

- (4) No individual or entity listed above has been the subject of any administrative or judicial enforcement action for a violation of environmental statutes and rules during the 5 years before the date of the application;
- (5) All hazardous and solid waste facilities owned or operated in New Hampshire by any individual or entity listed above are in compliance with either.
 - (a) All applicable environmental statutes, rules, and DES permit requirements; or
 - (b) A DES approved schedule for achieving compliance therewith.
- (6) All individuals and entities listed above are in compliance with all civil and criminal penalty provisions of any outstanding consent agreement, settlement, or court order to which DES is a party.
- (7) All individuals and entities listed above have paid, or are in compliance with the payment schedule for any administrative fine assessed by DES.
- (8) All individuals and entities listed above are in compliance with all terms and conditions under every administrative order, court order or settlement agreement relating to programs implemented by DES.

Signature of the permittee/applicant certifying the above statements are true:

Permittee/Applicant Name (Print Clearly or Type) RICHARD REINE

Permittee/Applicant Signature 

Date 12.2.22

SECTION XI. PERMITTEE/APPLICANT SIGNATURE REQUIREMENTS
 The permittee/applicant must sign the following statement prior to submitting this application. All copies of the application filed with DES must bear the permittee's/applicant's ORIGINAL signature. If the permittee/applicant is not an individual, an individual duly authorized by the permittee/applicant shall sign the application.

To the best of my knowledge and belief, the information and material submitted herewith is correct and complete. I understand that any approval granted by DES based on false and/or incomplete information shall be subject to revocation or suspension, and that administrative, civil or criminal penalties may also apply. I certify that this application is submitted on a complete and accurate form, as provided by DES, without alteration of the text.

Permittee/Applicant Name (Print Clearly or Type) Richard Reine

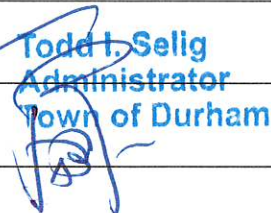
Permittee/Applicant Signature 

Date 12.2.22

SECTION XII. PROPERTY OWNER SIGNATURE
 If the permittee and property owner are not the same, the property owner must also sign this form as follows. All copies of the application filed with DES must bear the property owner's ORIGINAL signature. If the property owner is not an individual, an individual duly authorized by the property owner shall sign the application.

- (1) I hereby affirm that the permittee/applicant has the legal right to occupy and use the property on which the subject facility is or will be located for the purposes specified in this application.
- (2) I hereby affirm that I shall grant access to the property for closure and post-closure monitoring of the subject facility and site as required by RSA 149-M and the New Hampshire Solid Waste Rules (Env-Sw 100 - 300 and Env-Sw 400 - 2000), as amended.

Property Owner Name (Print Clearly or Type) Todd I. Selig
Administrator
Town of Durham

Property Owner Signature 

Date 12/1/22

Additional Information – Type I Modification to Solid Waste Management Permit

Section III. Description of Proposed Modification:

(1) Provide a BRIEF description of the proposed modification:

Included in this application are an updated Facility Operating Plan, Closure Plan, and most recent Site Plan. Since our last permit modification on 4/5/1990, numerous facility modifications have occurred including but not limited to: Storage capacity increases, site plan modifications, authorized wastes, and a facility name change from "Durham Solid Waste Management Facility" to "Raymond A. LaRoche, Sr. Transfer Station and Recycling Center."

(3) Identify each written permit condition that will require amendment to effect the proposed modification and provide draft language for the same:

1. The permit holder shall have at least one (1) employee on duty at the facility during all normal operating hours. **No changes.**
2. Signs clearly stating the recycling facility rules and restrictions on permitted wastes shall be posted at the facility. A copy of this permit shall also be posted or be readily available for inspection at this facility. **No changes.**
3. All waste collection containers shall be prominently marked with an identification name or logo, in accordance with RSA 149-M:11-b. **No changes.**
4. The Town Health Officer and local Fire Officials shall conduct spot inspections whenever he/she deems it necessary. The permit holder shall accordingly notify the WMD of any conditions at the facility which warrant attention to protect the public health and safety, or otherwise comply with the intent of this permit. **No changes.**
5. The WMD shall conduct periodic inspections of this facility, as deemed necessary, and may, on the basis of this inspections, require operational or other changes to occur, if warranted to protect the public health and safety, or otherwise comply with the intent of this permit. **No changes.**
6. The WMD may, at its discretion, modify the terms and conditions of this permit as may be warranted to ensure continued operational compliance with He-P 1901.05 and RSA 149-M. **No Changes.**
7. At least sixty (60) days prior to the cessation of facility operations at this site, the permit holder shall notify the WMD of an intent to close the facility and shall submit, for approval, plans with detail how the facility shall be decommissioned, with a schedule for such decommissioning. As a minimum, the permit holder shall legally remove all stockpiled wastes from the facility and shall remove all equipment as necessary. **No Changes.**
8. The permit holder shall submit to the WMD, in triplicate, an Annual Report, which shall provide a detailed breakdown of the type, quantity and marketing location of all wastes received by the facility. The Annual Report shall be submitted by January 31 of each year, for the prior year's operations. **Amend submittal date to March 31st in alignment with Env-Sw 1105.07.**
9. Lead acid batteries shall be stored off the ground (e.g. on pallets) and under cover so as to protect them from the elements.
10. Waste oil shall be collected and stored in water tight, leak proof tanks prior to disposal through an approved waste oil vendor. **No changes.**

Permit Contents:

I. Existing Facility Identification – **Updated information located in Section I of the attached Facility Operating Plan.**

II. List All Wastes Which Are To Be Collected For Recycling - **Updated information located in Section II of the attached Facility Operating Plan.**

III. Specify Anticipated Date Of Commencing Recycling Operations – **Recycling operations began on July 3, 1989 and are ongoing.**

IV. Specify Hours Recycling Facility Will Be Open - **Updated information located in Section III of the attached Facility Operating Plan.**

V. Operating Procedures: Provide a Brief Narrative Description of the Daily Operating Procedures – **Updated information about the Daily Operating Procedures is located in Section III of the attached Facility Operating Plan.**

VI. Site Plans, Specifications, Maps - **Updated site plans, specification, and maps are located in the appendix of the attached Facility Operating Plan.**

VII. Proposed Signing To Manage Recycling Operation

The signs and postings in place to manage the are fully compliant with Env-Sw 1105.05. Example photographs are attached to this application.

VIII. Landowner / Permit Holder Information - **No Changes**

IX. Signatory Requirements – **Updated signature for current Town Administrator located on page 4 of the Type I Permit Modification Application.**

Section IV. Schedule

(1) Provide a proposed schedule for implementing the modification.

As described in Section III of this application, the Durham Solid Waste Management Facility has undergone numerous facility modifications and operational changes since its last permit modification in 1990. Facility staff have been working diligently over the last year making changes to signage, storage, and waste acceptance procedures to ensure compliance with the Solid Waste Rules. The attached Facility Operating Plan and Facility Closure Plan detail these modifications.

Section V. Statement of Need

(1) Provide a statement of need describing why the proposed change is necessary or desirable.

The Durham Solid Waste Management Facility is not in compliance with Env-Sw 1105.04, Env-Sw 1106, or Env-Sw 1403 (a).

Section VI. Impact Evaluation

(1) On separate paper, identify all impacts, both positive and adverse, which the proposed modification will have, including each of the below listed considerations.

- The effect the modification will have on facility function, capacity, life expectancy, service type and service area.
The modifications identified in the Facility Operating Plan will greatly improve the functionality of the Facility. Capacity increases necessary to meet the disposal demand will have a limited effect as the Facility has the footprint and additional containers on site to meet the demand. Revisions to the layout of the Facility will result in improved traffic flow and ease of disposal for the nearly 500 customers that visit the Facility daily during public open hours. Service type, service area, and life expectancy remain unchanged.
- The effect the modification will have on the environment, public health and safety.
By offering more opportunities for waste diversion, these modifications will lower the amount of municipal solid waste sent to the Turnkey Landfill. This will aid in the extension of the landfill's operating life and reduce greenhouse gas emissions. Additionally, through education and improved waste inspection procedures, the modifications outlined in the Facility Operating Plan will reduce the amount of harmful chemicals sent to the landfill, improving groundwater supplies and air quality.
- The effect the modification will have on the state's ability to achieve the goals and objectives specified in RSA 149-M:2, namely achieving a 40% minimum weight reduction in the solid waste stream on a per capita basis by the year 2000 and avoiding the disposal of recyclable materials in a lined landfill with a leachate collection system.
As described above, by offering more opportunities for recycling and waste diversion, the modifications will significantly increase diversion rates and lower the overall amount of solid waste generated per capita.
- The effect the modification will have on establishing and maintaining integrated waste management systems consistent with the hierarchy of waste management methods in RSA 149-M:3 (the methods, in descending order of preference as specified in RSA 149-M:3, are: source reduction; recycling and reusing; composting; waste-to-energy technologies (including incineration), incineration without resource recovery; and landfilling).
The modification will provide expanded options for recycling and reuse opportunities including the operation of a swap shop and the source separation of recyclables. The Facility will also offer a yard waste container and a food waste compost program through Mr. Fox. Under the current Permit, it is understood that the Facility operates an incinerator to burn solid waste. Incineration operations ceased tens of years ago and all municipal solid waste is now sent to the Turnkey Landfill.
- Consistency with the state solid waste management plan and the applicable district plan, pursuant to RSA 149-M:12, I(b). If necessary, contact the P&DRS at (603) 271-2925 for plan information.
The modifications outlined in the attached Facility Operating Plan are in alignment with the goals outlined in the 2022 State Solid Waste Management Plan including: reducing the quantity of solid waste generated, reducing the toxicity of the solid waste steam, and maximizing the diversion of residential solid waste from disposal.

Section VII. Public Benefit Demonstration

As a limited public facility, the Durham Solid Waste Management Facility need only address the following for demonstration of public benefit:

- The ability of the proposed facility to assist the state in achieving the implementation of the hierarchy and goals under RSA 149-M:2 and RSA 149-M:3
- The ability of the proposed facility to assist in achieving the goals of the state solid waste management plan, and one or more solid waste management plans submitted to and approved by the department under RSA 149-M:24 and RSA 149-M:25.

In addition to this Facility offering the more traditional recycling options, it has expanded to include more creative outlets such as oral care product, used book, and textile recycling. The Facility recently partnered with Discover Books, a company that collects used books for recycling and reuse purposes. Additionally, the facility operates a swap shop that is visited by roughly 500 customers per week and is responsible for the diversion of countless items during the same period. Several composting options are also available, including leaf waste, yard + garden waste, and food scrap waste.

The modifications outlined in the attached Facility Operating Plan are in alignment with the goals outlined in the 2022 State Solid Waste Management Plan including: reducing the quantity of solid waste generated, reducing the toxicity of the solid waste stream, and maximizing the diversion of residential solid waste from disposal.

Additional Information – Operating + Closure Plan

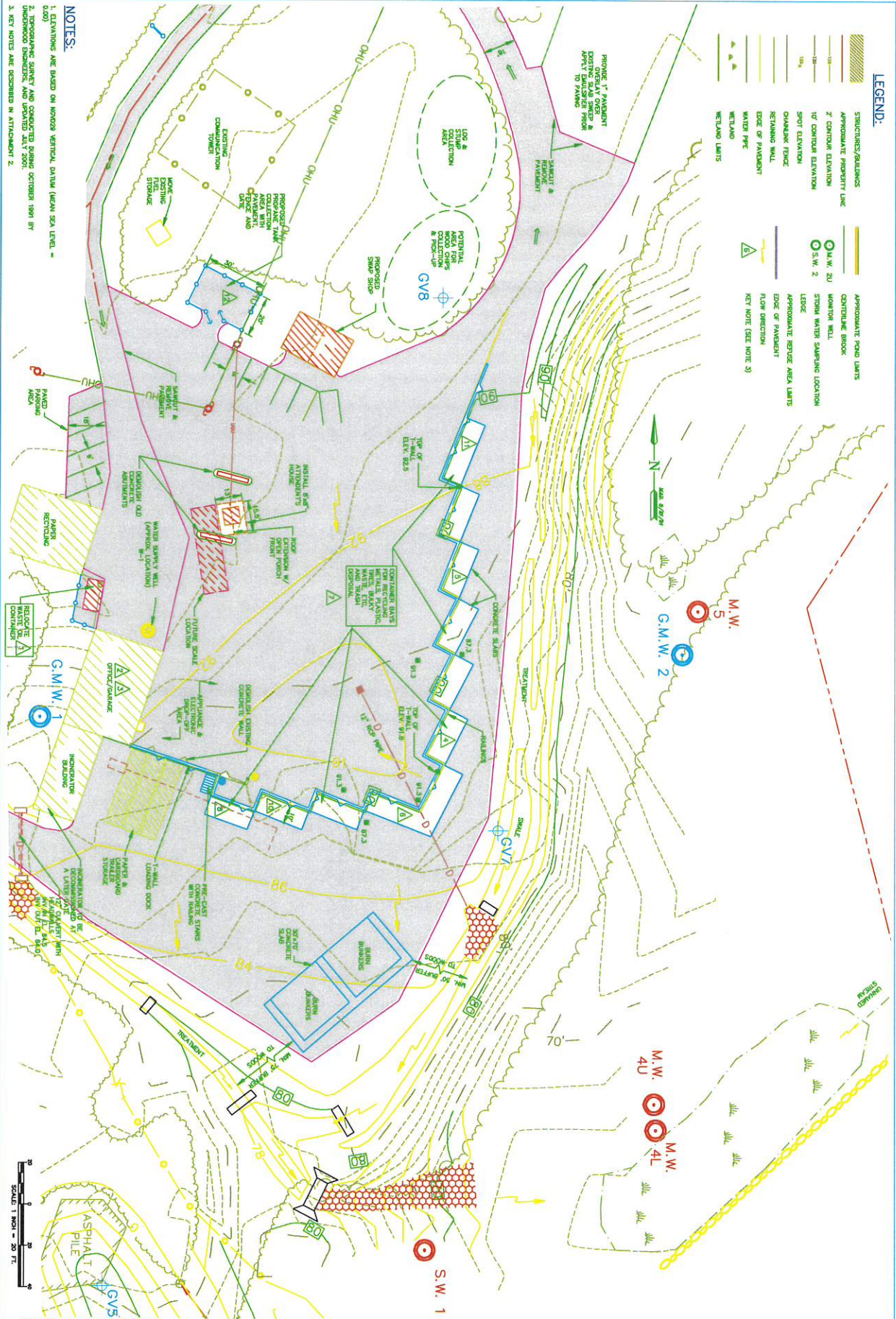
Section I. Facility Identification

*This value was derived from rule Env-Sw 102.09, "Approved design capacity". The second quarter is the period in which the facility receives its highest average weekly tonnage at 36.5. The full-time population of residents, excluding UNH students in Durham is approximately 8,000 based on the 2020 U.S. Census. A conservative estimation expands the population by 1,000 residents by 2030. This would equate to an increase of approximately 4.56 tons per week for a total of 41.06 tons per week during period in which the facility receives its highest average weekly tonnage.

** This value is a summation of the permitted amounts of waste. This is the total amount that the facility can actively manage as described in Env-Sw 102.04.

- NOTES:**
1. ELEVATIONS ARE BASED ON UNODS VERTICAL DATUM (MEAN SEA LEVEL = 0.00)
 2. TOPOGRAPHIC SURVEY AND CONDUCTED PERIOD OCTOBER 1991 BY UNDERWOOD ENGINEERS, AND UPDATED JULY 2001.
 3. KEY NOTES ARE DESCRIBED IN ATTACHMENT 2.

- LEGEND:**
- STRUCTURES/BUILDINGS
 - APPROXIMATE PROPERTY LINE
 - 2' CENTER ELEVATION
 - 10' CENTER ELEVATION
 - SPOT ELEVATION
 - CHANNEL FENCE
 - RETAINING WALL
 - EDGE OF PAVEMENT
 - WATER PILE
 - WETLAND LIMITS
 - APPROXIMATE ROAD LIMITS
 - CONTIGUOUS BROOK
 - MONITOR WELL
 - STORM WATER SAMPLING LOCATION
 - LEDEGE
 - APPROXIMATE BRIDGE AREA LIMITS
 - EDGE OF PAVEMENT
 - FLOW DIRECTION
 - KEY NOTE (SEE NOTE 3)



FUTURE BMP SITE PLAN
 TRANSFER STA. & RECYCLING FAC.
 TOWN OF DURHAM
 NEW HAMPSHIRE

Underwood Engineers, Inc.
 25 Vaughan Mall, Portsmouth, N.H. 03801
 Tel. 603-438-6192 Fax. 603-431-4733

Drawn	DC/278
Checked	FCM
Approved	
Date	08/26/02
Scale	1"=50'
Project No.	888
Dep. to	225/FUTURE
Scale	1"=50'

ISSUE FOR	
APPROVAL	By
CONSTRUCTION	By
RECORD DRAWING	By
APPROVAL	By

DATE NO. 1
 SHEET 2 OF 2



Durham Public Works
100 Stone Quarry Drive
Durham, NH 03824

Facility Operating Plan

Raymond A. LaRoche Sr. Transfer Station and Recycling Center

***100 Durham Point Road
Durham, NH 03824***

NHDES Permit #DES-SW-90-008

Prepared by: Samuel A. Hewitt, Assistant Director of Public Works
Date: November 2022

Durham Public Works Mission Statement:

We strive to enhance the quality of our resident's lives. We will work in partnership with residents, community organizations, and other Town departments. We will exercise sound financial and performance principles in the management of our Town's infrastructure. We will act with pride, vision, and accountability, and we will react in readiness. We will listen....and respond.

**SECTION I
FACILITY IDENTIFICATION**

Facility Name: Raymond A. La Roche Sr. Transfer Station and Recycling Center

Mailing Address: 100 Stone Quarry Drive, Durham, NH 03824

Street Address: 100 Durham Point Road, Durham, NH 03824

Permit Number: DES-SW-90-008

Facility Type: Collection, Storage and Transfer Facility

Average Quantity of Waste the Facility Is Designed to Receive: **41.06* tons per week**

Maximum Quantity of Waste to Be Stored at the Facility: **233.5 tons**

Facility Service Type: Limited Public

Facility Service Area Description: Town of Durham

Permittee/Facility Owner Name: Town of Durham, NH

Mailing Address: 8 Newmarket Road, Durham, NH 03824

Telephone #: 603-868-5572

Property Owner: Same as above

Mailing Address: Same as above

Telephone #: Same as above

Operator(s) Name: Durham Public Works

Mailing Address: 100 Stone Quarry Drive, Durham, NH 03824

Telephone #: 603-868-5578

* Justification located within "Additional Information – Closure Plan" document of the Type I Permit Modification.

** Justification located within "Additional Information – Closure Plan" document of the Type I Permit Modification.

SECTION II AUTHORIZED AND PROHIBITED WASTES

1. **Prohibited Waste:** This facility is not permitted to receive any of the following types of solid waste:

- Asbestos waste
- Explosive waste
- Contained gaseous waste, unless collected for recycling
- Liquid waste
- Infectious waste
- Animal carcasses
- Contaminated soils and other absorbent media
- Solid fill
- Septic system waste
- Any waste generated outside the borders of Durham, New Hampshire

2. **Authorized Waste:** The facility is permitted to accept the following the types of solid waste generated within the Town of Durham:

- Mixed municipal solid waste
- Recyclable materials:
 - Commingled Containers
 - Mixed Paper
 - Old Corrugated Containers
 - Textiles
 - Used Books
 - Used Oral Care Products
 - Aluminum cans
 - Scrap mixed metals
- Bulky waste
- White goods
- Construction and demolition debris
- Tires
- Wood ash from household stoves

Other Authorized Wastes Managed at the Site: In addition to the solid waste that is authorized under subsection (1) above, the Town of Durham also manages other materials at the site that are either regulated separately or not regulated. This facility will manage:

Universal Wastes

Waste that is managed as universal waste in accordance with requirements under Env-Hw 1100 and includes the follow list of materials: batteries, mercury-containing devices, lamps, cathode ray tubes, and antifreeze. A universal waste handler will manage:

1. Universal waste batteries in accordance with Env-Hw 1109;
2. Universal waste mercury-containing devices in accordance with Env-Hw 1111;
3. Universal waste lamps in accordance with Env-Hw 1112;
4. Universal waste cathode ray tubes in accordance with Env-Hw 1113; and
5. Universal waste antifreeze in accordance with Env-Hw 1114.

Additionally, universal waste will be managed in a way that prevents the release of the universal waste, or any component of the universal waste, to the environment.

When containment of a universal waste is required, the containers will be:

1. Closed, except when universal waste is being added to or removed from the container;
2. Compatible with the universal waste and its contents; and
3. Free of defects, design characteristics, or damage that could result in leakage, spillage, or other environmental releases.

Universal waste batteries, mercury-containing devices, and waste lamps will be stored in the area labeled "Main Building" on the enclosed storage plan. Universal waste cathode ray tubes will be stored in the area labeled "Electronics" and universal waste antifreeze will be stored in the area depicted on the enclosed storage plan.

Used Motor Oil + Filters

The collection of used motor oil and used motor oil filters will occur on the site and be managed in accordance with the NHDES Best Management Practices for New Hampshire Solid Waste Facilities, current edition. The used oil containment area is managed in the area depicted in the enclosed storage plan.

Food Waste Compost

The collection of food waste compost will occur on the site and be stored in covered containers prior to disposal in the area depicted in the enclosed storage plan.

Refrigerants

The collection of appliances containing refrigerant will occur on the site and be managed in accordance with the NHDES Best Management Practices for New Hampshire Solid Waste Facilities, current edition. Appliances containing freon will be stored in the area depicted in the enclosed storage plan. Refrigerant will be evacuated from each item by trained and certified technicians using EPA approved recycling/recovery equipment.

Oil-Based Paints

The collection of oil-based paint products will occur on the site and be managed in accordance with the NHDES Best Management Practices for New Hampshire Solid Waste Facilities, current edition. Oil-based paint products will be stored in a locked structure in the area labeled "Main Building" in the enclosed storage plan.

Propane/Compressed Gas Tanks

The collection of propane and compressed gas tanks will occur on the site and be managed in accordance with industry best practices. Storage will occur in a secure area with "no smoking" signs posted. The separation of valved and de-valved units will occur with all units stored off the ground. Tanks will be transferred from the site by trained and certified technicians using EPA approved recycling/recovery equipment and techniques.

Leaf and Yard Waste

Leaf and yard waste composting areas will be managed in accordance with the NHDES Best Management Practices for New Hampshire Solid Waste Facilities, current edition. The leaf and yard waste containment area will be managed in the area depicted in the enclosed storage plan.

Brush + Open Burn Ash

The burning of brush and storage of open burn ash will occur on the site only to the extent it is permitted by NHDES and will be performed in accordance with the permit requirements outlined by the State of New Hampshire's Forest Protection Bureau.

Swap Shop

The Town may operate a swap shop for reuse of used materials. The swap shop will be actively managed to ensure waste materials do not accumulate and are properly handled.

**SECTION III
ROUTINE OPERATIONS PLAN**

1. Hours of Operation

The days and hours the facility will be open to the public to receive waste and recyclables will be as specified below. All active and routine facility operations, including waste disposal, facility inspections, maintenance, repairs and monitoring, will occur between 7:00 a.m. to 3:00 p.m. under normal non-emergency circumstances on days labeled as "CLOSED" excluding Sunday.

<u>Days</u>	<u>Hours</u>
Monday	CLOSED
Tuesday	7:30AM to 3PM
Wednesday	CLOSED
Thursday	CLOSED
Friday	CLOSED
Saturday	7:30AM to 3PM
Sunday	CLOSED

2. Facility Access Control

- Perimeter fencing Locked building(s)
- Locked gate Locked container(s)
- Natural Barriers: Wetland areas
- Access Restricted signs which read as follows: Danger, Restricted Area
- Other (specify):

3. Signs and Postings at the facility will include the items listed below:

- (a) A large, legible sign will be posted at the public entrance to the facility and will include: (1) the facility name and permit number; (2) the name, address and telephone number of the permittee; (3) the days and hours that the facility will be open to receive waste; (4) the types of waste accepted; and (5) a statement that unlawful dumping shall be subject to fine and prosecution.
- (b) A copy of the permit, including a complete copy of the operating plan of record and a complete copy of the facility closure plan, will be maintained at a location accessible for use by the facility operators, and for inspection by the New Hampshire Department of Environmental Services.
- (c) A copy of the authorization page of the facility's Solid Waste Permit, bearing the permit number and the authorization signature, is prominently displayed at the facility.
- (d) Current operator certification certificates, obtained pursuant to the provisions of Env-Sw 1600, are prominently displayed at the facility.

4. On-site Traffic Patterns

Facility operations will be conducted in a manner that does not allow incoming or exiting vehicles to obstruct the safe passage of traffic on any public road leading to and from the facility. Facility operations

will be conducted in a manner as to accommodate on-site traffic flow in a safe and efficient manner. Where public drop-off is allowed, separate access for passenger vehicles will be provided. Traffic flow patterns are identified in the enclosed storage plan.

5. Waste Acceptance and Rejection Procedures

Only authorized wastes, as specified in the permit, will be accepted by the facility. Incoming wastes will be inspected and, if necessary, sampled and analyzed to assure the facility accepts authorized waste only. All unauthorized waste will be rejected by the facility. The Facility Operator(s) will advise the transporter of a rejected waste as to potentially available alternative facilities which the permittee believes or knows to be authorized to receive the type of waste being rejected. Out-of-Town waste will not be accepted at the facility.

(a) Unloading and sorting procedures

Wastes will be unloaded directly into the appropriate containers or storage area by the person(s) delivering the wastes. Wastes which will be unloaded in this manner include: See authorized waste items as indicated in Section II, Item 2.*

Wastes will be unloaded onto a tipping floor or pad and sorted into designated containers by the facility's attendant(s). Wastes which will be unloaded in this manner include:

*Other unloading procedures: Universal wastes and used motor oil will be unloaded directly into the appropriate containers by the Facility Operator(s).

(b) Waste inspection procedures

All transfer containers (and/or stockpiles of waste, as may apply to refrigerant containing appliances, brush, or other waste stored in accordance with Env-Sw 404.05) will be visually screened by the Facility Operator(s) on a routine basis to identify and remove unacceptable waste. Additional waste inspection procedures will be as described below.

Relative to the collection, storage and transfer of source-separated recyclable materials, as defined in Env-Sw 104.42, individual users of the facility are expected to participate in the inspection and sorting of the wastes which they deliver. The Facility Operator(s) will oversee such activities and instruct users to immediately remove any unacceptable waste which they may deliver. Wastes which will be inspected in this manner include: See authorized waste items as indicated in Section II, Item 2.

Relative to the collection, storage and transfer of mixed municipal solid waste, the Facility Operator(s) will periodically intercept bags of wastes prior to their placement in the authorized transfer container and will visually inspect the contents to determine that no unacceptable wastes, as specified in Section II of this manual, have been received.

Other inspection procedures to identify and remove unacceptable wastes are as follows *[specify]*:

6. Waste Quantity, Source and Destination Monitoring Procedures

The quantity, source and destination of all incoming waste, outgoing waste and, if applicable, certified waste-derived products produced by the facility will be measured and recorded in the facility operating record (ref. Env-Sw 1105.06(a) and Env-Sw 1105.09).

(a) Waste Quantity

The quantity of each incoming and outgoing waste will be measured and recorded by the method(s) described below.

_____ Scales will be used by the facility to provide a weight record for the following incoming/outgoing wastes:

_____ Designated storage container(s) will provide a volume measurement record for the following incoming/outgoing wastes:

The final destination facility will provide scale receipts to record the quantity of the following outgoing waste: Mixed municipal solid waste, source separated recyclables, bulky waste, and construction & demolition debris.

_____ Other:

(b) Source Monitoring

Because the facility only accepts waste and recyclable material from the Town of Durham, the source of all waste will be recorded as such.

(c) Destination Monitoring

Procedures followed to determine and record the destination of all outgoing waste will include: Weight slips including destination information from authorized disposal facilities will be collected by the Facility Operator(s) for internal waste transportation activities. Shipping manifests will be obtained from haulers who transfer waste from the facility to an authorized disposal facility. Records will be maintained by the Town of Durham.

7. Storage Time and Capacity Limits

The maximum total quantity of waste permitted to be stored at the facility is indicated in Section I of this manual. All waste storage and transfer procedures will also meet the following additional requirements:

- (a) All solid waste received at the facility must be actively managed;
- (b) All solid waste leaving the facility must be transferred to an authorized facility;
- (c) Waste must not be stored at the facility for a period of time which results in a condition adversely affecting the environment, public health or safety, including conditions that attract insects and vectors, generate odors or leachate, or have the potential to cause fire or explosion.
- (d) Putrescible wastes must be transferred from the facility before producing a noticeable odor or within one week of its receipt by the facility, whichever is earlier.
- (e) Tires must be stored and transferred in accordance with the applicable requirements of Env-Sw 905.02.

Procedures for monitoring compliance with the above-listed requirements will include: A Facility Operator(s) will be present on-site to monitor activities at the facility during all hours of operation.

8. Collection, Storage, Transfer Processing, Treatment and Disposal Procedures

Collection:

Waste and recyclables will be unloaded directly into appropriate containers or storage bins by the person(s) delivering the waste under the general supervision of a Facility Operator(s).

Storage: Locations identified in enclosed storage plan.

- Municipal solid waste will be stored in a designated container.
- Recyclable materials (some source separated) will be stored in designated containers or the cardboard building. Baled cardboard may be stored in the cardboard building.
- Bulky waste will be stored in a designated container.
- Construction and demolition debris will be stored in a designated container.
- Leaf + yard waste will be stored in a designated container.
- Scrap mixed metals will be stored in a designated container.
- Tires will be stored in a designated enclosed container.
- Compost from food waste will be stored in designated enclosed 96-gallon toters.
- Brush will be stored in a designated open stockpile within a three-sided concrete containment bin.
- Open burn ash from burned brush will be stored in a designated open stockpile within a three-sided concrete containment bin.
- Wood chips will be stored in a designated open stockpile.
- Used oil will be stored in a designated 500-gallon double-walled tank in a secondary containment chamber with a roof.
- Used antifreeze will be stored in a designated 55-gallon drum covered containment cabinet.
- Electronic waste will be stored in a designated enclosed container.
- Batteries will be stored loose inside the main building on a designated spill containment pad.
- Propane and compressed gas tanks will be stored loose in a designated fenced enclosure.
- Lamps will be stored in cardboard boxes inside the main building on a designated self.
- Mercury containing devices will be stored inside the main building within a designated container.
- Oil-based paint products will be stored inside the main building within a designated container.
- Used motor oil filters will be stored inside the main building within a designated container.
- Textiles will be stored in a designated container.
- Use books will be stored in a designated container.

- Oral care products will be stored in a designated container.

Transfer:

The following materials will be transferred by Durham Public Works to the Turnkey Landfill in Rochester:

- Municipal Solid Waste
- Recyclable Materials
 - Commingled Containers
 - Mixed Paper
 - Single Stream
 - Old Corrugated Containers
- Bulky Waste
- Construction + Demolition Debris
- Ash

The following materials will be transferred by Durham Public Works to Harding Metals in Northwood:

- Scrap Mixed Metals
- Batteries

The following materials will be transferred by Durham Public Works to Ponderosa Salvage in Epsom:

- Tires

The following materials will be transferred by Durham Public Works to URT in Dover:

- Lamps

All other items – will be transferred by third parties, as authorized by Durham Public Works.

**SECTION IV
RESIDUAL WASTE MANAGEMENT PLAN**

1. This section of the manual addresses how all residual waste, if any, shall be managed by the facility, including the information specified below:

This facility will not manage residual waste including decompositional gases or leachate. See Section V for management of liquid spills.

SECTION V FACILITY MAINTENANCE, INSPECTION AND MONITORING PLAN

1. This section of the manual addresses all routine maintenance, inspection and monitoring requirements necessary to assure the integrity of facility operations, including a description of the measures to be undertaken to monitor and inhibit the following:

- Spontaneous Combustion: Facility Operator(s) will conduct visual inspections of storage units. Smoldering incoming loads will be segregated from the facility, dumped and spread to smolder. In the event of a fire, call 911 or the Durham Fire Department (603) 862-1426.
- Other Fire Hazards: Facility Operator(s) will conduct visual inspections of storage units. Fire extinguishers are available in the Attendant Hut and Main Building.
- Vector Production: Facility Operator(s) will conduct visual inspections of storage units and conduct frequent removal and disposal of wastes. If vectors persist, considerations will be made for other management methods including contracting a pest removal service.
- Generation of Methane: Not applicable.
- Hazardous And/or Explosive Gasses: Materials will be stored in appropriate containers.
- Odors: Odors are mitigated by the frequent removal and disposal of waste.
- Dust: Water or calcium chloride will be applied on an as needed basis.
- Windblown Litter: Facility Operators will complete a weekly inspection and pickup of site.
- Leachate: Not applicable.
- Spills: Spills at the facility will be cleaned upon discovery by the Facility Operator(s). Spilled liquids will be contained using the supplies in the spill cabinet located in the Main Building. If the absorbed waste is unacceptable for landfill disposal, it will be scheduled for off-site shipment to a facility capable of accepting the waste. Spilled solids will be managed as deemed appropriate by the Facility Supervisor. Safety Data Sheets (SDSs) will be made available for all chemicals used at the facility and should be consulted for the cleanup of spills. If necessary, the Durham Fire Department can assist with the cleanup of spills. Speedy-Dry is available at the facility.

2. Complete daily visual inspection of the facility during operating hours to ensure facility security and housekeeping standards.

SECTION VI CONTINGENCY PLAN

Identify potential emergencies such as fire, explosion, operator injury, etc. based on the type of facility and wastes being handled and describe the appropriate response by facility personnel for each emergency:

Fire:

Fire on site is a possibility. Care will be taken to store related materials in appropriate containers to prevent any incidents. Should a fire occur, the Facility Operator(s) and other Durham Public Works (DPW) staff will respond by immediately evacuating the area and extinguishing with the on-site extinguisher or calling 911 or the Durham Fire Department at (603) 862-1426 for emergency response personnel.

Hot wood ash will be sufficiently cool prior to disposal.

Propane and compressed gas tanks are stored in an area designated as “non-smoking” and away from ignitable materials.

Explosion:

Explosion on site is a possibility. Care is taken to store related materials in appropriate containers to prevent any incidents. If an incident occurs, the Attendant and other DPW staff will respond by immediately calling 911 for emergency response personnel. If a chemical-related explosion occurs, consult the chemical Safety Data Sheet (SDS) prior to using a fire extinguisher.

Power Outage:

Power outages on site are a possibility. Facility operations during public open hours are conducted in such a manner that allow the facility to remain open during a power outage. Cardboard baling operations will be suspended in the event of a power outage and loose material will instead be loaded into a container for transportation to a disposal facility. Power outages will be reported to Durham Public Works at (603) 868-5578.

Operator or Customer Injury:

Operator or customer injuries due to events including falls, lifting, cuts, abrasions, PPE failure, or vehicle accidents are a possibility. Injuries will be dealt with based on their severity. A first aid kit is available in the office of the Main Building. In the event of a severe injury, the Facility Operator(s) will respond by immediately calling 911 or (603) 862-1426 for emergency response personnel.

Emergency Contacts:

The following local and state officials must be contacted in the event of an emergency at the facility:

Fire Department:

Business Line: (603) 862-1426
Emergency Line: (603) 742-4968 or 911

Ambulance Service:

Business Line: (603) 862-3274
Emergency Line: 911

Police:

Business Line: (603) 868-2324

Emergency Line: (603) 742-4968 or 911

NH Department of Environmental Services: (603) 271-3503

SECTION VII EMPLOYEE TRAINING PROGRAM

Operator Certification: Facility operators must be trained and certified in accordance with the requirements of Chapter Env-Sw 1600 of the Solid Waste Rules. To receive certification, applicants must fulfill the education and experience qualifications specified in Env-Sw 1605, submit an application on forms provided by the Waste Management Division (WMD), attend the WMD's operator training program, and pass an examination applicable to the level of certification being sought. For more information on the certification program, contact the Solid Waste Operator Training Program of the New Hampshire Department of Environmental Services at (603) 271-2925.

Certification Workshops: Operator certification is valid for one year from the date of issuance. To renew their certification, all certified facility operators must attend at least 2.5 hours of annual workshops administered or approved by the Department of Environmental Services. If a certificate holder fails to attend an annual workshop, then he/she will be ineligible to renew their certification. A calendar of upcoming solid waste facility workshops may be obtained from the Solid Waste Operator Training Program at (603) 271-2925 or:

<https://www.des.nh.gov/waste/solid-waste/regulated-facilities/operator-training>

Employee training programs will also include the following:

Additional safety training includes:

1. Personal Protective Equipment
2. Back Injury Prevention
3. Fire Extinguisher
4. Baler Training
5. Snow Plow Operator Safety

Special Equipment Training in Accordance with Manufacturer Recommendations:

Construction Equipment:

1. Backhoe
2. Skid Steer

SECTION VII RECORD KEEPING AND REPORTING

Record keeping at the facility must comply with the requirements of Env-Sw 1105.06, Facility Operating Records and Env-Sw 1105.07, Reporting Requirements. Record keeping and reporting will include the following:

1. Facility Operating Record

(a) The permittee must compile and maintain records at the facility which document all phases of facility operations, including the following information:

- (1) Identification of the facility by name, location by street and municipality and permit number;
- (2) Identification of the permittee by name, address and telephone number;
- (3) Identification of all facility operator(s) by name, address, certificate number, and date(s) of employment at the facility;
- (4) Quantity, type, source and destination of all waste received by the facility;
- (5) Quantity, type and destination of all waste generated by the facility, if any, including bypass waste and residual waste;
- (6) Quantity, type and destination of all certified waste-derived products produced by the facility, if any;
- (7) Record of inspections, maintenance, and repairs;
- (8) Record of accidents, violations, remedial and emergency event response actions;
- (9) Record of complaints received and related response actions;
- (10) Data from all environmental monitoring performed at or for the facility, whether required by the solid waste rules or the permit or undertaken voluntarily;
- (11) Documentation of contact with the waste management district(s) served by the facility as required by Env-Sw 1105.12;
- (12) Other information and documentation as required by the terms and conditions of the permit.

(b) The operating records identified in (a) above must be maintained at the facility at all times during the active life of the facility, unless approval is granted pursuant to the provisions for a type V permit modification in Env-Sw 315 or a waiver to relocate or destroy the record.

(c) Operating records must be made available for department inspection and copies provided to the department pursuant to Env-Sw 2000.

(d) Following closure of the facility, the operating records must be maintained at a location approved by the department in the closure plan, unless destruction of the records is approved pursuant to the provisions for a type V permit modification in Env-Sw 315.

2. Reporting Requirements

(a) The permittee must notify the department in writing within 30 calendar days of any change in the facility address, telephone number, key certified operators and contact person(s).

(b) The permittee must file an annual facility report by March 31 for the prior calendar year for each year, on forms provided annually by the Department of Environmental Services (Department). If a form is not received from the Department the permittee should contact the WMD Technical Assistance Section at (603) 271-2925 to obtain the proper form.

(c) The permittee must report all changes in operational and ownership control in accordance with the provisions for a type III or type IV permit modification, as applicable, pursuant to Env-Sw 315.

(d) Relative to co-existence with other activities, the permittee must notify the New Hampshire Department of Environmental Services in writing prior to conducting the following activities at the facility not specifically authorized in the permit (ref. Env-Sw 1101.02 and Env-Sw 1105.07(d)):

(1) Any activity not regulated by the Solid Waste Rules but involving a waste listed in Env-Sw 101.03 (The Solid Waste Rules do not apply to these wastes, but permittees must notify the NH Department of Environmental Services prior to conducting activities with any of them at the facility); and

(2) Any activity that is permit-exempt in Env-Sw 302.03.

(e) The permittee must report, as soon as practicable, all incidents or situations which involve an imminent and substantial risk to human health, safety or the environment and/or constitute a violation of the solid waste rules or the facility permit. This reporting must be as specified in Env-Sw 1005.09.

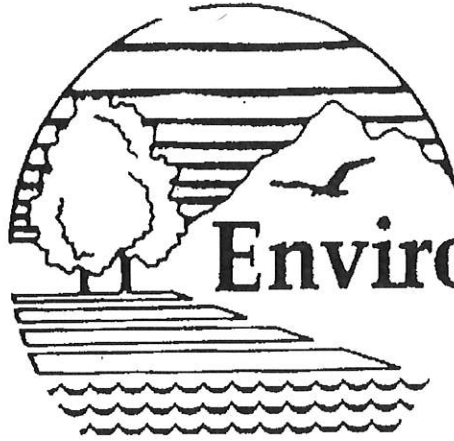
3. Other reporting requirements specific to this facility include the following:

Multi-Sector General Permit: A Multi-Sector General Permit for industrial activities will be maintained by the facility. The permit requires, among other things, the development and implementation of a stormwater pollution prevention plan, employee training, record keeping, discharge monitoring, and annual reports to the EPA. Additional information can be found at: <https://www.epa.gov/npdes/stormwater-discharges-industrial-activities#msgp>.

Small Quantity Generator Designation: As a small quantity generator (SQG) of hazardous materials (i.e. oil-based paint products), the facility must comply with the requirements of the Hazardous Waste Small Quantity Generator Self-Certification Program. RSA 147-A requires SQG's to review their hazardous waste management procedures, conduct a self-inspection of their facility and certify compliance to NHDES every three years. Additional information can be found on the SQG Program's web site at www.des.nh.gov.

Appendix A

NHDES Transfer Station Permit



NEW HAMPSHIRE
DEPARTMENT OF
**Environmental
Services**

RECYCLING FACILITY PERMIT

Permit No.:

DES-SW-90-008

Facility Location:

Tax Map 16, Lot 1-3
Durham Point Road
Durham, NH 03824

Facility Owner/Operator:

Mr. Ralph Freedman
Town of Durham
13-15 Newmarket Road
Durham, NH 03824

**Issued by the State of New Hampshire
Department of Environmental Services
Waste Management Division
6 Hazen Drive
Concord, NH 03301**



ROBERT W. VARNEY
COMMISSIONER

MICHAEL A. SILLS, Ph.D., P.E.
CHIEF ENGINEER

State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES
WASTE MANAGEMENT DIVISION
6 Hazen Drive, Concord, NH 03301-6509
603-271-2900
TTY/TDD 1-800-992-3312 or 225-4033

WASTE MANAGEMENT COUNCIL

G. BRADLEY RICHARDS, Chairman
ROBERT WHEELER, Vice-Chairman
MARILYN ANDREWS
WILLIAM ARNOLD
ROBERT BURROWE
WILLIAM JENNESS
DAVID KIBBEY
JOHN L'WALLEE
JOHN LECRAW
FREDERICK MCGARRY
JOHN OSGOOD
LORRAINE SANDER
T. TAYLOR EIGHMY, Ph.D.

PERMIT NO. DES-SW-90-008

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

April 5, 1990

Mr. Ralph Freedman
Town Administrator
13-15 Newmarket Road
Durham, NH 03824

Subject: Recycling Facility Application/Durham Point Road, Durham, NH
WMD Log # 15-90

Dear Mr. Freedman:

The Waste Management Division (WMD) has completed review of your above referenced application to permit a recycling operation at your existing transfer station facility. The requested permit modification is hereby granted, pursuant to RSA Chapter 149-M:10 and 11, and Section He-P 1901.04(h) of the New Hampshire Solid Waste Rules.

Please note that all the terms and conditions of the enclosed permit modification must be met as specified. Failure to meet these terms and conditions may result in revocation or suspension of the permit, or civil penalties.

Questions concerning the construction phase of this facility should be referred to Pamela H. Sprague at (603) 271-2935. Questions concerning the operational phases of this facility should be directed to Richard Reed at (603) 271-2925. Thank you.

Sincerely,

Pamela H. Sprague, Supervisor
Permits & Design Review Section
Waste Management Engineering Bureau

PHS:ERJ:gmt/0342e
cc: WMEB-PDRS
WMCB-SWCS
Recycling Coord./Roberta Mitchell
WSPCD-GWPB
PIP
Lamprey Regional Solid Waste Cooperative



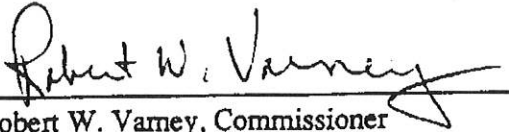
Waste Management Division

PERMIT MODIFICATION TO RECYCLE SOLID WASTE
under the New Hampshire Solid Waste Act RSA 149-M
and Section He-P 1901.04(h) of the New Hampshire Solid Waste Rules

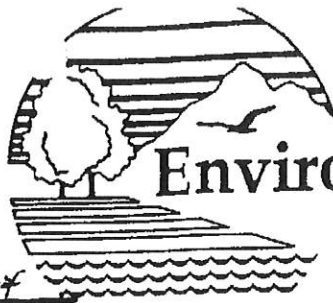
Based on the information herein attached and referenced by WMD Log # 15-90, the existing permit held by the Town of Durham to operate a transfer station is hereby modified by this Permit No. DES-SW-90-008 so as to authorize the recycling of those wastes cited in Section II of the attached application, except as may be amended by the following conditions:

- (1) The permit holder shall have at least one (1) employee on duty at the facility during all normal operating hours.
- (2) Signs clearly stating the recycling facility rules and restrictions on permitted wastes shall be posted at the facility. A copy of this permit shall also be posted or be readily available for inspection at this facility.
- (3) All waste collection containers shall be prominently marked with an identification name or logo, in accordance with RSA 149-M:11-b.
- (4) The Town Health Officer and local Fire Officials shall conduct spot inspections at reasonable times and conditions whenever he/she deems it necessary. The permit holder shall accordingly notify the WMD of any conditions at the facility which warrant attention to protect the public health and safety, or otherwise comply with the intent of this permit.
- (5) The WMD shall conduct periodic inspections of this facility, as deemed necessary, and may, on the basis of these inspections, require operational or other changes to occur, if warranted to protect the public health and safety, or otherwise comply with the intent of this permit.
- (6) The WMD may, at its discretion, modify the terms and conditions of this permit as may be warranted to ensure continued operational compliance with He-P 1901.05 and RSA 149-M.

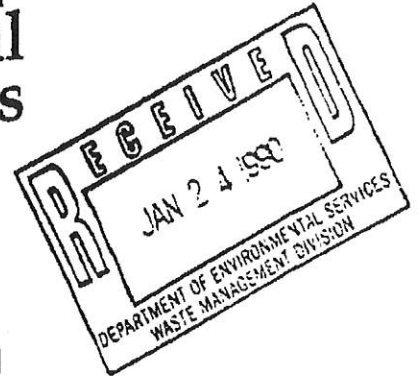
- (7) At least sixty (60) days prior to the cessation of facility operations at this site, the permit holder shall notify the WMD of an intent to close the facility and shall submit, for approval, plans which detail how the facility shall be decommissioned, with a schedule for such decommissioning. As a minimum, the permit holder shall legally remove all stockpiled wastes from the facility and shall remove all equipment as necessary.
- (8) The permit holder shall submit to the WMD, in triplicate, an Annual Report, which shall provide a detailed breakdown of the type, quantity and marketing location of all wastes received by the facility. The Annual Report shall be submitted by January 31 of each year, for the prior year's operations.
- (9) Lead acid batteries shall be stored off the ground (e.g. on pallets) and under cover so as to protect them from the elements.
- (10) Waste oil shall be collected and stored in water tight, leak proof tanks prior to disposal through an approved waste oil vendor.


Robert W. Varney, Commissioner
Department of Environmental Services

April 5, 1990
Date



NEW HAMPSHIRE
DEPARTMENT OF
**Environmental
Services**



LOG #: 15-90 DATE REC'D: 1/24
COPIES REC'D: 3 Waste Management Division (WMD)
DATE PROJECT ASSIGNED: 11/26/90 REQUEST TO MODIFY SOLID WASTE PERMIT
REVIEWED BY: EJ TO RECYCLE WASTES
COMMENTS COMPLETED BY: _____ [per RSA 149-M:10 and He-P 1901.04(h)]
RESPONSE SENT: _____, _____, _____, _____

This form is to be completed if you currently operate a legally permitted solid waste facility in New Hampshire, on non-commercial basis, and wish to institute new procedures at that facility to recycle certain types of solid waste materials, also on a non-commercial basis.

Please supply all of the requested information and submit, IN TRIPLICATE, to:

New Hampshire Department of Environmental Services
Waste Management Division
Permits & Design Review Section
6 Hazen Drive
Concord, New Hampshire 03301-6509

The WMD will process the information as quickly as possible for the purpose of modifying your existing permit to allow the recycling to occur in accordance with the requirements of RSA 149-M:10 and Section He-P 1901.04(h) of the New Hampshire Solid Waste Rules. Please allow four to six weeks for processing.

If you need additional information about the permit modification process, please contact Mr. Edward Jakusik (603-271-2936). If you require additional information about recycling, please contact Roberta M. Pirie (603-271-3712).

SPECIAL NOTE:

The proposed recycling facility must be located such that it will not interfere, physically or hydrogeologically, with proper closure of the existing facility. Sufficient information to demonstrate this must be provided with this application. For example, if you are proposing to establish permanent structures and other improvements to accommodate a recycling effort at an existing landfill, the proposed facility must be located outside the anticipated limits of the future landfill capping system and perimeter drainage system, and must be located such that groundwater monitoring of the landfill can occur without potential influence by the recycling facility.

I. EXISTING FACILITY IDENTIFICATION

Name of existing facility: DURHAM SOLID WASTE MANAGEMENT FACILITY

Street Location: Durham Point Road TOWN: Durham

Tax Map No.: 16 Tax Lot No.: 1-3

Deed Reference: 10/17/44 Book/Page: 523, pg 233

Permit No. *: _____ Date facility opened-*: 1940's

*Note: Solid waste management facilities which existed prior to 1983, may never have been issued a formal permit number or written permit. Facilities which initiated operations between 1983 and 1985, may have been issued formal permit numbers and written permits/letters of approval by the NH Division of Public Health Services (DPHS). Facilities which initiated operations after 1985 should have a written permit and have been assigned a permit number, by either DPHS or the Department of Environmental Services, depending on the exact date.

Type of existing facility (check all that apply):

- general refuse landfill
 - demolition debris landfill
 - transfer station
 - incinerator
 - waste-to-energy facility
 - other
- (specify): Burning of brush (Permit # PIP1810)

Status of existing facility (Check all that apply)

- Operating
- Not Operating
- Hydrogeological study/closure study ~~in-progress~~ under consideration
- Closed/capped

Name of permit holder: Town of Durham

Address of permit holder: 13-15 Newmarket Road
Durham NH 03824

Name of land owner(s): Same

Address of land owner(s): Same

Name of facility operator: Town of Durham

Address of facility operator: 13-15 Newmarket Road
Durham NH 03824

Has facility operator completed operator training through the WMD, pursuant to RSA 149-M:10, III-a? YES NO If NO, please contact Patricia Hannon (WMD's Planning and Community Assistance Section) at 271-3712 for more information.

II. Complete the chart below by first checking (✓) all wastes which are to be collected for recycling. Then, for each of the checked waste types, provide an estimate of the annual volume you expect to collect, the maximum volume you will store on-site prior to transfer to a viable market place, the type of storage container to be used and the anticipated market place. Note: If wastes are to be co-mingled and shipped off-site in a bulk, co-mingled state, you may omit using this table, as necessary, and report volume, storage, container and marketplace information under Item V. Operating Plan of this form.

WASTE TYPE	ANTICIPATED ANNUAL VOLUME	MAX. ON-SITE STORAGE VOLUME OR TIME	NUMBER AND TYPE OF STORAGE CONTAINER *	ANTICIPATED MARKETPLACE
<input checked="" type="checkbox"/> GLASS	300 Cubic Yards	90 Cubic Yards	3 30 cubic yard open top steel roll-offs	Maine Beverage, Portland ME
<input checked="" type="checkbox"/> ALUMINUM BEVERAGE CANS	300 Cubic Yds (undensified)	30 Cubic Yards	1 30 cubic yard open top steel roll-off	Container Recovery, Merrimack, NH
<input checked="" type="checkbox"/> NEWSPAPER	960 Cubic Yds	30 Cubic Yards	1 30 CY covered top steel roll-off	Newark Atlantic Paper, MA
<input checked="" type="checkbox"/> CORRUGATED CARDBOARD	CONSIDERING COLLECTION FOR SUMMER-FALL		1990 - AMOUNTS UNKNOWN AT THIS TIME.	
<input checked="" type="checkbox"/> METALS	180 Tons (Mixed)	50 Tons (4 months+)	Storage on open ground	NH Resource Recover Assoc., Nashua NH
<input checked="" type="checkbox"/> HDPE PLASTICS	CONSIDERING COLLECTION FOR SUMMER-FALL		1990 - AMOUNTS UNKNOWN AT THIS TIME.	
<input checked="" type="checkbox"/> PET PLASTICS	CONSIDERING COLLECTION FOR SUMMER-FALL		1990 - AMOUNTS UNKNOWN AT THIS TIME.	
<input checked="" type="checkbox"/> LEAD ACID BATTERIES	200 Batteries	50 Batteries	Storage on open ground	Madbury Metals, Madbury, NH
<input checked="" type="checkbox"/> WASTE OIL	900 Gallons	500 Gallons	Above ground tank	Waste Oil Vendors
<input checked="" type="checkbox"/> OTHER (SPECIFY) _____ TIRES	600 Tires	400 Tires	Storage on open ground	Used Tire Vendors

* Specify whether storage is to occur on-the-ground, in open-topped containers, in covered containers, within a building, etc. Specify container type (such as dumpster, roll-off, compactor, barrels, etc.). Specify capacity (volume) and number of the containers. For example, glass might be collected in one 10 cubic yard, open topped dumpster.

III. Specify anticipated date of commencing recycling operations: _____

July 3, 1989

IV. Specify hours recycling facility will be open: Tuesday, Thursday and

Saturday - 8:00 AM - 3:30 PM

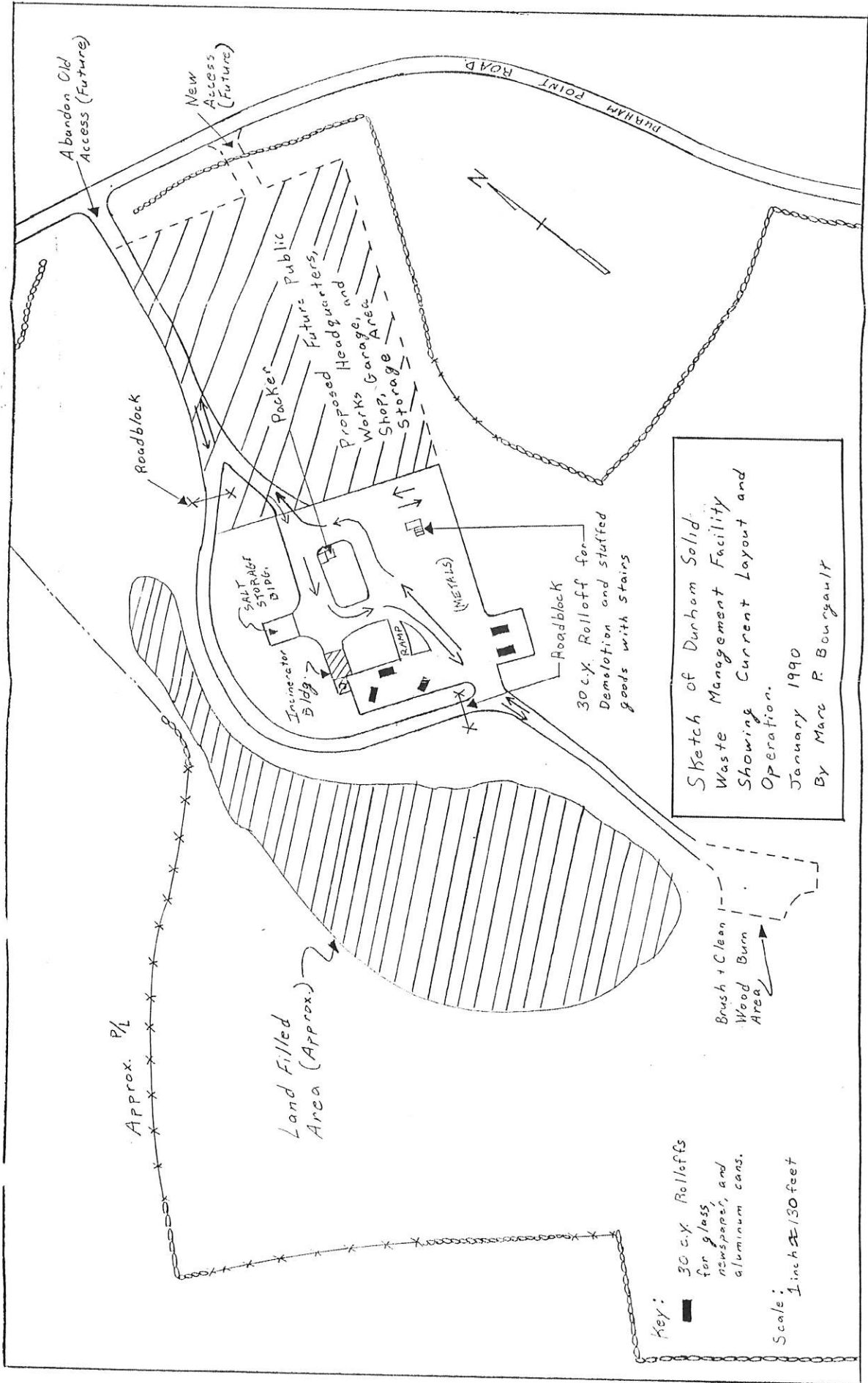
V. OPERATING PROCEDURES: Provide a brief narrative description of the daily operating procedures. Use additional paper, if required:

NON RECYCLED MATERIALS (i.e. household refuse, brush, bulky waste, leaves and lawn clippings)

- A) Household Refuse - The Town operates a municipal curbside residential refuse pickup program. Some residents bring household refuse to SWMF wherein landfill attendants direct placement of refuse into spare garbage packer which, when filled, transports materials to Lamprey Coop incinerator.
- B) Brush - Landfill attendants direct placement of brush into pile at far end of facility. Brush is burned per permit requirements, weather permitting. (Permit # PIP 1810)
- C) Bulky Waste (Demolition material and furniture/stuffed goods) - Is placed in 30 cubic yard roll-off which, when filled, is transported to Kingston, NH landfill facility. Placement of bulky waste regulated by coupon system.
- D) Leaves and Lawn Clippings - Leaves and lawn clippings are placed in a pile for composting.

RECYCLABLES (i.e. glass, newspaper, metals, waste oil, etc.)

Are brought to SWMF, are stored in containers or on the ground as specified previously, and then processed/transported to appropriate market. With reference to glass, aluminum beverage cans and newspaper, the Town operates a curbside recycling pickup and separation program. Appliances and metals received that are not stripped of contaminants (ie. wood, plastic, rubber) are so stripped before contractual baling and disposal. Capacitors, both wet and dry, are removed from appliances and placed in 55 gallon metal drums and await proper disposal by authorized vendors.



Abandon Old Access (Future)

New Access (Future)

DURHAM POINT ROAD

Roadblock

Packer
Proposed Headquaters, Public Future Works Garage, and Shop, Garage Area Storage

Instructor Bldg.
RAMP
SALT STORAGE BIN

(METALS)

Roadblock
30 c.y. Rolloff for Demolition and staffed goods with stairs

Sketch of Durham Solid Waste Management Facility Showing Current Layout and Operation.
January 1990
By Marc R. Bourgeois

Approx. P/L

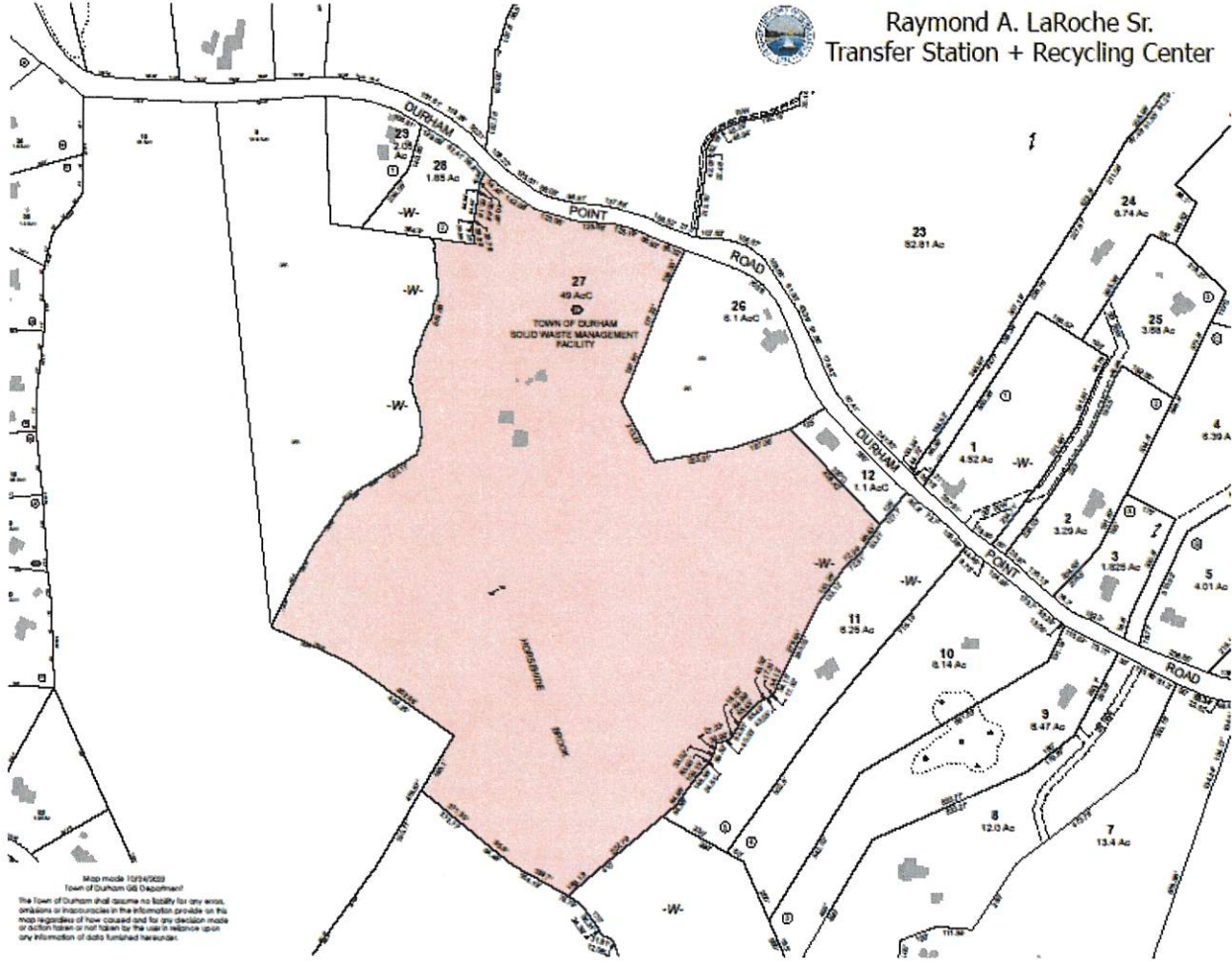
Land Filled Area (Approx.)

Brush + Clean Wood Burn Area

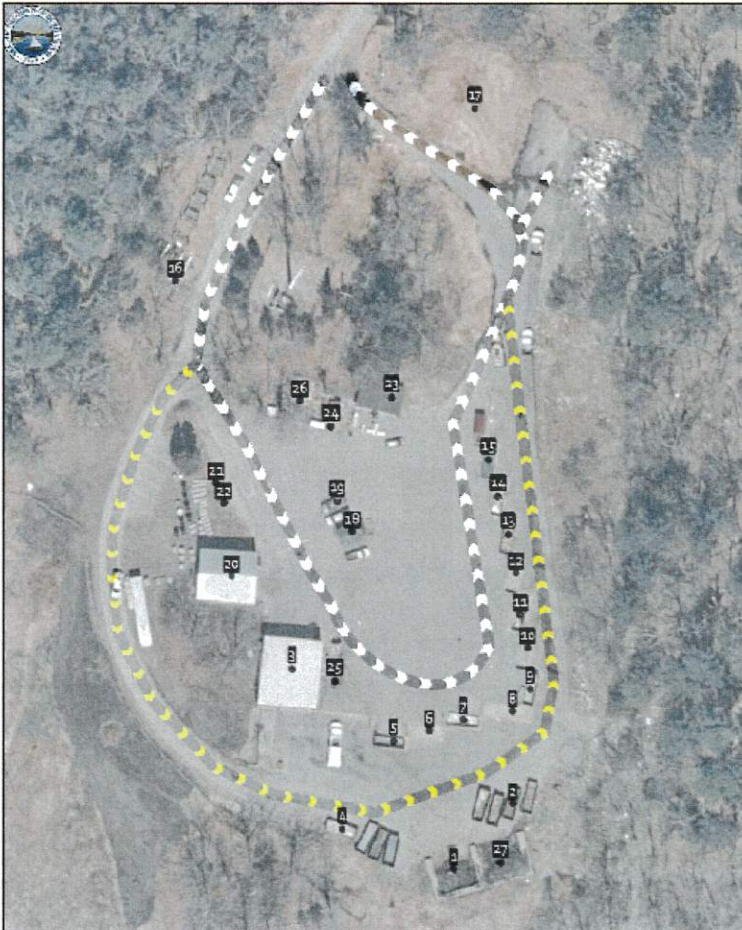
Key:
30 c.y. Rolloffs for glass, newspaper, and aluminum cans.

Scale: 1 inch = 130 feet

Appendix B Site Location Figure



Appendix C Storage Plan



Raymond A. LaRoche Sr.
Transfer Station + Recycling Center

Name	Label
Brush Pile	1
Spare Containers	2
Main Building	3
Aluminum Cans	4
MSW	5
Open	6
Mixed Paper	7
Open	8
Commingle Recycling	9
MSW	10
Bulky Waste	11
Scrap Metal	12
Yard Waste	13
Construction + Demolition	14
Tire Container	15
DPW Material Spreader	16
Wood Chips	17
Attendant Hut	18
Electronics Container	19
Cardboard Shed	20
Oil / Antifreeze	21
Compost	22
Swap Shop	23
Salvation Army, EcoSmith Box, Discover Books Box	24
White Goods / Freon Appliances	25
Propane Containers	26
Ash	27

Transfer Station Traffic Flow

- ➡ Main Access
- 🚧 Brush Pile

1. 2021-10-28 10:57:43-2021
 2. 2021-10-28 10:57:43-2021
 3. 2021-10-28 10:57:43-2021
 4. 2021-10-28 10:57:43-2021
 5. 2021-10-28 10:57:43-2021
 6. 2021-10-28 10:57:43-2021
 7. 2021-10-28 10:57:43-2021
 8. 2021-10-28 10:57:43-2021
 9. 2021-10-28 10:57:43-2021
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 13. 2021-10-28 10:57:43-2021
 14. 2021-10-28 10:57:43-2021
 15. 2021-10-28 10:57:43-2021
 16. 2021-10-28 10:57:43-2021
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 21. 2021-10-28 10:57:43-2021
 22. 2021-10-28 10:57:43-2021
 23. 2021-10-28 10:57:43-2021
 24. 2021-10-28 10:57:43-2021
 25. 2021-10-28 10:57:43-2021
 26. 2021-10-28 10:57:43-2021
 27. 2021-10-28 10:57:43-2021



Department of Public Works
100 Stone Quarry Drive
Durham, NH 03824

Facility Closure Plan

Raymond A. LaRoche Sr. Transfer Station and Recycling Center

***100 Durham Point Road
Durham, NH 03824***

NHDES Permit #DES-SW-90-008

Prepared by: Samuel A. Hewitt, Assistant Director of Public Works
Date: November 2022

Durham Public Works Mission Statement:

We strive to enhance the quality of our resident's lives. We will work in partnership with residents, community organizations, and other Town departments. We will exercise sound financial and performance principles in the management of our Town's infrastructure. We will act with pride, vision, and accountability, and we will react in readiness. We will listen....and respond.

**SECTION I
FACILITY IDENTIFICATION**

Facility Name: Raymond A. LaRoche Sr. Transfer Station and Recycling Center

Mailing Address: 100 Stone Quarry Drive, Durham, NH 03824

Street Address: 100 Durham Point Road, Durham, NH 03824

Permit Number: DES-SW-90-008

Facility Type: Collection, Storage and Transfer Facility

Average Quantity of Waste the Facility Is Designed to Receive Weekly: **41.06* tons per week**

Maximum Quantity of Waste to Be Stored at the Facility: **223.5 tons****

Facility Service Type: Limited Public

Facility Service Area Description: Town of Durham

Permittee/Facility Owner Name: Town of Durham, NH

Mailing Address: 8 Newmarket Road, Durham, NH 03824

Telephone #: 603-868-5572

Property Owner: Same as above

Mailing Address: Same as above

Telephone #: Same as above

Operator(s) Name: Durham Public Works

Mailing Address: 100 Stone Quarry Drive, Durham, NH 03824

Telephone #: 603-868-5578

* Justification located within "Additional Information – Closure Plan" document of the Type I Permit Modification.

** Justification located within "Additional Information – Closure Plan" document of the Type I Permit Modification.

SECTION II CLOSURE SCHEDULE

The closure schedule for the Raymond A. LaRoche, Sr. Transfer Station and Recycling Center has been prepared in accordance with Env-Sw 1106.04 (e)(2) and outlines the anticipated schedule of activities required to close the facility in a manner which ensures the protection of public health and the environment. Closure of this facility will occur if the solid waste and recycling management program in Durham no longer warrants on-site disposal of waste materials. It is important to note that the expected operating life of this facility is potentially unlimited with proper upkeep and maintenance.

Closure Task	Approximate Month/Year/Schedule
Submit written closure plan to the WMD.	November, 2022
Prepare and submit to the WMD, a notice of intent (NOI) to close in accordance with the requirements of Env-Sw 1106.02.	At least 3 months prior to beginning closure activities.
Prepare and distribute public notification of closure.	Following NOI submittal.
Removal of facility signage.	Within 1 week of commencing closure activities.
Disposal of all municipal solid waste and food waste compost.	Within 1 week of commencing closure activities.
Disposal/recycling of remaining accumulated wastes and recyclables.	Within 3 weeks of commencing closure activities.
Site work, motor equipment decommissioning and removal, container removal, electrical shutoff, sign removal, building cleaning, etc.	Within 3 months of commencing closure activities.
Complete the record keeping and reporting requirements outlined in Section VII of this document.	Within 1 month of completing closure activities.

SECTION III WASTE IDENTIFICATION

This section has been prepared in accordance with Env-Sw 1106.04 (e)(3) and identifies the types of waste received or intended to be received by the facility during its active life.

1. **Authorized Waste:** The facility is permitted to accept the following the types of solid waste generated within the Town of Durham:

- Mixed municipal solid waste
- Recyclable materials:
 - Commingled Containers
 - Mixed Paper
 - Old Corrugated Containers
 - Textiles
 - Used Books
 - Used Oral Care Products
 - Aluminum cans
 - Scrap mixed metals
- Bulky waste
- White goods
- Construction and demolition debris
- Tires
- Wood ash from household stoves

Other Authorized Wastes Managed at the Site: In addition to the solid waste that is authorized in subsection (1) above, the Town of Durham also manages other materials at the site that are either regulated separately or not regulated. These materials may include, but is not limited to:

Universal Wastes

Waste that is managed as universal waste in accordance with requirements under Env-Hw 1100 and includes the follow list of materials: batteries, mercury-containing devices, lamps, cathode ray tubes, and antifreeze. This facility will manage:

1. Universal waste batteries in accordance with Env-Hw 1109;
2. Universal waste mercury-containing devices in accordance with Env-Hw 1111;
3. Universal waste lamps in accordance with Env-Hw 1112;
4. Universal waste cathode ray tubes in accordance with Env-Hw 1113; and
5. Universal waste antifreeze in accordance with Env-Hw 1114.

Additionally, universal waste will be managed in a way that prevents the release of the universal waste, or any component of the universal waste, to the environment.

When containment of a universal waste is required, the containers will be:

1. Closed, except when universal waste is being added to or removed from the container;
2. Compatible with the universal waste and its contents; and
3. Free of defects, design characteristics, or damage that could result in leakage, spillage, or other environmental releases.

Universal waste batteries, mercury-containing devices, and waste lamps will be stored in the area labeled "Main Building" on the enclosed storage plan. Universal waste cathode ray tubes will be stored in the area labeled "Electronics" and universal waste antifreeze will be stored in the area depicted on the enclosed storage plan.

Used Motor Oil + Filters

The collection of used motor oil and used motor oil filters will occur on the site and be managed in accordance with the NHDES Best Management Practices for New Hampshire Solid Waste Facilities, current edition. The used oil containment area is managed in the area depicted in the enclosed storage plan.

Food Waste Compost

The collection of food waste compost will occur on the site and be stored in covered containers prior to disposal in the area depicted in the enclosed storage plan.

Refrigerants

The collection of appliances containing refrigerant will occur on the site and be managed in accordance with the NHDES Best Management Practices for New Hampshire Solid Waste Facilities, current edition. Appliances containing freon will be stored in the area depicted in the enclosed storage plan. Refrigerant will be evacuated from each item by trained and certified technicians using EPA approved recycling/recovery equipment.

Oil-Based Paints

The collection of oil-based paint products will occur on the site and be managed in accordance with the NHDES Best Management Practices for New Hampshire Solid Waste Facilities, current edition. Oil-based paint products will be stored in a locked structure in the area labeled "Main Building" in the enclosed storage plan.

Propane/Compressed Gas Tanks

The collection of propane and compressed gas tanks will occur on the site and be managed in accordance with industry best practices. Storage will occur in a secure area with "no smoking" signs posted. The separation of valved and de-valved units will occur with all units stored off the ground. Tanks will be transferred from the site by trained and certified technicians using EPA approved recycling/recovery equipment and techniques.

Leaf and Yard Waste

Leaf and yard waste composting areas will be managed in accordance with the NHDES Best Management Practices for New Hampshire Solid Waste Facilities, current edition. The leaf and yard waste containment area will be managed in the area depicted in the enclosed storage plan.

Brush + Open Burn Ash

The burning of brush and storage of open burn ash will occur on the site only to the extent it is permitted by NHDES and will be performed in accordance with the permit requirements outlined by the State of New Hampshire's Forest Protection Bureau.

Swap Shop

The Town may operate a swap shop for reuse of used materials. The swap shop will be actively managed to ensure waste materials do not accumulate and are properly handled.

SECTION IV NOTIFICATIONS

This section has been prepared in accordance with Env-Sw 1106.04 (e)(4) and provides a description of how notice shall be given to facility users prior to terminating receipt of waste.

As indicated in Section II "Closure Schedule", the Town of Durham Public Works' Engineering Division will prepare and submit an NOI to close the facility to the WMD at least three (3) months prior to commencing closure activities. This notice will be published and distributed to the public via newspaper, mail, and the Town of Durham's "Friday Update" list-serv. Additionally, a posting will be displayed at the facility via electronic message board.

SECTION V CLOSURE REQUIREMENTS

This section has been prepared in accordance with Env-Sw 1106.04 (e)(5) and provides:

- a) A list of each major closure work task required to implement and complete closure of the facility;
- b) A description of the procedures for completing all required closure work tasks;
- c) Design plans and specifications for construction of required closure systems.

1. Major Closure Work Tasks:

1. NOI Submittal:

The Town of Durham Public Works' Engineering Division will prepare and submit an NOI to close the facility to the WMD at least three (3) months prior to commencing closure activities.

2. Public Notification:

Following NOI submittal to the WMD, public notification will be published and distributed via newspaper, mail, and the Town of Durham's "Friday Update" list-serv. Additionally, a posting will be displayed at the facility via electronic message board.

3. Removal of Signs:

Immediately following closure, all signs surrounding the facility which identify the facility and collection areas will be removed by the Town of Durham Public Works' Engineering Division.

4. Disposal/Recycling of Wastes:

The following wastes/recyclables will be transported to a disposal facility by Durham Public Works Operations Division staff:

- Mixed municipal solid waste
- Recyclable materials (some source separated):
 - Commingled Containers
 - Mixed Paper
 - Old Corrugated Containers
 - Used Oral Care Products
 - Aluminum cans
 - Scrap mixed metals
- Bulky waste
- White goods
- Construction and demolition debris
- Tires
- Lead/yard waste
- Ash
- Batteries
- Fluorescent Lamps

The following wastes/recyclables will be transported to a disposal facility by a third party hired by The Town of Durham Public Works' Engineering Division:

- Compost
- Used oil
- Antifreeze
- Textiles
- Used Books
- Oil-based paint
- Refrigerant

- Propane / compressed gas tanks
- Compost
- Used Motor Oil + Filters
- Antifreeze
- Textiles
- Used books

2. Design Plans and Specifications:

Complex closure systems are not required to complete closure of this facility. If it is determined that the site is to be restored to its original condition post closure, the Town of Durham will hire a consulting firm to develop detailed design drawings and construction specifications within six (6) months prior to closure.

**SECTION VI
POST-CLOSURE REQUIREMENTS**

This section has been prepared in accordance with Env-Sw 1106.04 (e)(6) and provides all required post-closure testing, inspection, maintenance, or monitoring that will be performed at the facility pursuant to the provisions of the solid waste rules and the permit.

Post-closure requirements will include driveway maintenance (snow and vegetation removal) to maintain access to the landfill on the property to fulfill ground water testing and monitoring requirements.

SECTION VII RECORD KEEPING AND REPORTING

This section has been prepared in accordance with Env-Sw 1106.04 (e)(7) and provides:

- a) All recordkeeping and reporting obligations required of the facility following completion of the closure work identified in section 5 of the closure plan; and
- b) Locations and provisions for storing facility records, including the operating records, following facility closure.

Following closure of the facility:

1. An annual facility report detailing waste quantities received and transported during the year of closure will be completed and submitted to NHDES's Waste Management Bureau by March 31st of the following year.
2. The Inactivation/Declassification Form for the discontinuance of activities regulated by the hazardous waste rules will be completed and submitted to NHDES's Waste Management Bureau within one month.
3. Notification will be provided to the NH Division of Forests and Lands that the Category IV Fire Permit is no longer active.

Facility Records Storage

Construction plans, facility blue-prints, and multi-sector general permits (including storm water pollution prevention plans) will be stored in the Engineering Department at Durham Public Works. Facility Operating Records and other material disposal records including weights and bill of ladings/hazardous material manifests will be stored on the Town of Durham's F-Drive hard drive under Sam Hewitt -> Transfer Station.

SECTION VIII OTHER PERMITS

This section has been prepared in accordance with Env-Sw 1106.04 (e)(8) and provides:

- a) Identification of all other local, state and federal permits and approvals required to implement facility closure, including the implementation of all post-closure monitoring and maintenance requirements;
- b) Identification of the status of each permit and approval identified pursuant to a. above; and
- c) For a landfill located on property not owned by the permittee, include a copy of the written executed access agreement required by Env-Sw 1003.03

Permits:

There are no local, state, or federal permits required to implement facility closure.

Approvals:

At the local level, the Town Council shall make the decision if/when closure is required.

Post-closure monitoring is not required, and post-closure maintenance activities do not require permits or approvals.

**SECTION IX
CLOSURE COST ESTIMATE**

The cost closure estimate must comply with the requirements of Env-Sw 1403.02, Closure Cost Estimate and shall be figured based on representative current market rates for having a third party perform all required closure activities at the point in the facility's active life when the extent and manner of facility operations in compliance with permit conditions and applicable laws and rules makes closure the most expensive.



Cost Estimate Form for Closure of Solid Waste Collection/Storage/Transfer Facilities or Recycling Facilities
 Waste Management Division/Solid Waste Management Bureau

solidwasteinfo@des.nh.gov or phone (603) 271-2925
 PO Box 95, Concord, NH 03302-0095
 des.nh.gov

RSA/Rule: Env-Sw 1400

Facility Name: **Raymond A. LaRoche Sr. Transfer Station and Recycling Center**
 Address: **100 Durham Point Road**
Durham, NH 03824

NHDES Permit #: **DES-SW-90-008**

Permitted Solid Waste Material	Permitted Amount	Quantity	Unit	Loading Cost Per Unit	Transportation Cost Per Unit	Disposal Cost Per Unit	Total Cost Per Unit	Total Cost	Disposal Destination
Municipal Solid Waste	20	20	Ton	\$0.00	\$50.00	\$82.50	\$132.50	\$2,650.00	WM Turnkey Landfill - Rochester, NH
Bulky Waste	20	20	Ton	\$0.00	\$50.00	\$100.75	\$150.75	\$3,015.00	WM Turnkey Landfill - Rochester, NH
C & D Debris	10	10	Ton	\$0.00	\$50.00	\$100.75	\$150.75	\$1,507.50	WM Turnkey Landfill - Rochester, NH
Refrigerant Containing Appliances	150	150	Each	\$0.00	\$0.00	\$6.00	\$6.00	\$900.00	Ability Refrigerants - Phoenix, AZ
Mixed Paper	5	5	Ton	\$0.00	\$50.00	\$82.50	\$132.50	\$667.50	WM Turnkey Landfill - Rochester, NH
Commingled Containers	5	5	Ton	\$0.00	\$50.00	\$82.50	\$132.50	\$667.50	WM Turnkey Landfill - Rochester, NH
Old Corrugated Containers	25	25	Ton	\$0.00	\$50.00	\$0.00	\$50.00	\$1,250.00	WM Turnkey Landfill - Rochester, NH
Tires	5	5	Ton	\$0.00	\$50.00	\$175.00	\$225.00	\$1,125.00	Ponderosa Salvage - Rochester, NH
Leaf + Yard Waste	5	5	Ton	\$0.00	\$12.50	\$0.00	\$12.50	\$62.50	LaRoche Farm - Durham, NH
Scrap Metal (Inc. Evacuated White Goods)	10	10	Ton	\$0.00	\$50.00	\$0.00	\$50.00	\$500.00	Harding Metals - Northwood, NH
Aluminum Cans	2	2	Ton	\$0.00	\$50.00	\$0.00	\$50.00	\$100.00	Harding Metals - Northwood, NH
Open Burn Ash	40	40	Ton	\$3.50	\$50.00	\$85.00	\$138.50	\$5,540.00	WM Turnkey Landfill - Rochester, NH
Brush	10	10	Ton	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Burned On-Site
Lamps	0.25	0.25	Ton	\$0.00	\$200.00	\$1,160.00	\$1,360.00	\$340.00	URT - Dover, NH
Lead-Acid Batteries	3	3	Ton	\$0.00	\$83.33	\$0.00	\$83.33	\$249.99	Harding Metals - Northwood, NH
Textile Recycling Container	1	1	Ton	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Global Re-use / Recycling
Used Books Recycling Container	1	1	Ton	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Global Re-use / Recycling
Wood Chips	60	60	Ton	\$3.50	\$37.50	\$0.00	\$41.00	\$2,460.00	Power Plant - Livermore Falls, ME
Propane Cylinders	150	150	Each	\$0.00	\$0.00	\$1.00	\$1.00	\$150.00	Mighty Flame - Brattleboro, VT
Compressed Gas Containers	25	25	Each	\$0.00	\$0.00	\$5.00	\$5.00	\$125.00	Airgas - Manchester, NH
Used Motor Oil	500	500	Gallon	\$0.00	\$0.00	\$6.20	\$6.20	\$3,100.00	Clean Harbor's - Marlborough, MA
Used Antifreeze	55	55	Gallon	\$0.00	\$0.00	\$2.00	\$2.00	\$110.00	ATS - Londonderry, NH
Used Oral Care Products	0.25	0.25	Ton	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Oral-B Recycling Program
Food Waste Compost	1	1	Ton	\$0.00	\$0.00	\$150.00	\$150.00	\$150.00	Mr. Fox Composting - York, ME

Site Cleanup (per approved closure plan)	Description of Work to be Performed	Third Party Providing Estimate								
Labor + Equipment to Haul Containers + Materials	Removal of Solid Waste Materials Using Roll-Off Truck, Pick-Up Truck, or Dump Truck Depending on Type	See Disposal Destinations.								
Equipment Decommissioning	Disconnect Main Electrical Panel to Isolate Buildings and Cardboard Baler	Yates Electric Service								
Equipment Removal	Removal of Cardboard Baler, Backhoe, and Skid Steer	JTI Site Development								
Building Cleaning	Sweeping of Floors, Cleaning of Bathrooms, Removal of Office Materials	JTI Site Development								
Regrading	Regrade the Woodchip Storage Area	JTI Site Development								
Litter Clean-Up	Police and Remove Litter From Transfer Station Grounds and Wooded Areas	JTI Site Development								
Impervious Surface Cleaning	Street Sweeping of Parking Areas, Driveways, Material Storage Areas	JTI Site Development								
Miscellaneous Closure Work										
Administrative	Logistics of closure including preparing Notice of Intent to close, coordinating closure activities, and fulfilling post-closure reporting requirements.	Durham Public Works, Engineering Division								
<table border="0"> <tr> <td>Subtotal</td> <td>\$39,359.99</td> </tr> <tr> <td>10% Contingency</td> <td>\$3,935.99</td> </tr> <tr> <td>Total *</td> <td>\$43,295.98</td> </tr> <tr> <td>GRAND TOTAL</td> <td>\$43,295.98</td> </tr> </table>		Subtotal	\$39,359.99	10% Contingency	\$3,935.99	Total *	\$43,295.98	GRAND TOTAL	\$43,295.98	
Subtotal	\$39,359.99									
10% Contingency	\$3,935.99									
Total *	\$43,295.98									
GRAND TOTAL	\$43,295.98									
<p>* Add the costs for qualified professional oversight of all closure activities if the total is more than \$50,000.00</p>										
Signature of Preparer: <i>[Signature]</i>	Date: <u>12/02/22</u>	Signature of Permittee: <i>[Signature]</i>								
		Date: <u>12-2-22</u>								