

File Number: 2024-00766  
 File Assigned to: CANIN

ARC Receipt & Data Entry Checklist

**SHORELAND PERMIT APPLICATION**

Peer Review Log			
Action	Inspector (Initials & Date)	Peer Review (Initials & Date)	Administrator (Initials & Date)

ARC Review: Filing Fee Submitted Yes  No

Yes	No	N/A	Filing Fee
Fee			
Check, Cash, Voucher or Exempt (circle one)			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check - legal line completed
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check - signed
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check - date is on or before application date
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Check - alterations are initialed
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Filing Fee Present

Yes	N/A	Completeness Checklist
GIS Screening		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Designated River

Related Enforcement Files Only

*NH323-2280*



# SHORELAND PERMIT APPLICATION

## Water Division/ Land Resources Management

### Shoreland Program

[Check the Status of your Application](#)



**RSA/Rule:** RSA 483-B, Env-Wq 1400

		Administrative Use Only	File No.: 2024-00766
			Check No.: 9224325
			Amount: 4813.80
			Initials:

This is an application for a permit to excavate, fill, construct new structures, or remove structures within the protected shoreland as regulated under RSA 483-B.

<b>SECTION 1 - PROJECT DESCRIPTION (Env-Wq 1406.07)</b>			
Provide a concise description of the proposed project: This permit application is for the construction of an acceleration lane on NH Route 116 at the intersection with Douglas Drive in the town of Bethlehem. The limit of work within the protected shoreland is entirely within NHDOT right-of-way. A driveway permit application has previously been submitted to NHDOT and a copy of the application form is enclosed. The acceleration lane will serve trucks exiting Douglas Drive and turning left onto NH Route 116 towards Whitefield. Based on a phone conversation with Region 1 reviewer, Kurt Yuengling, the worksheet section of this application is not filled out due to the project within the protected shoreland taking place exclusively in NHDOT right-of-way for Route 116.			
<b>SECTION 2 - PROJECT LOCATION (Env-Wq 1406.07)</b>			
ADDRESS: NH Route 116	TOWN/CITY: Bethlehem	STATE: NH	ZIP CODE: 03574
WATERBODY NAME: Ammonoosuc River		TAX MAP/ BLOCK/LOT NUMBER : NHDOT ROW	
<b>SECTION 3 - PROPERTY OWNER &amp; DEED INFORMATION (Env-Wq 1406.07)</b>			
The legal name of each property owner must be as it appears on the deed of record. If the owner is a trust or a company, then the name of the trust or company should be written as the owner's name.			
LAST NAME, FIRST NAME, M.I: NH Department of Transportation			
MAILING ADDRESS: 7 Hazen Drive	TOWN/CITY: Concord	STATE: NH	ZIP CODE: 03302
PHONE: 60327113734	EMAIL (if available):		
REGISTRY OF DEED COUNTY _____, BOOK NUMBER _____, PAGE NUMBER _____			
<b>SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER), IF DIFFERENT THAN OWNER (Env-Wq 1406.07)</b>			
If the applicant is a trust or a company, then the name of the trust or company should be written as the applicant's name. If the applicant is the owner, leave blank and check the following box: <input type="checkbox"/> .			
LAST NAME, FIRST NAME, M.I: Granite State Landfill, LLC			
MAILING ADDRESS: 1855 Vermont Route 100	TOWN/CITY: Hyde Park	STATE: VT	ZIP CODE: 05655

PHONE: 8026515454	EMAIL (if available): john.gay@casella.com
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**SECTION 5 - CONTRACTOR OR AGENT (OPTIONAL)**

LAST NAME, FIRST NAME, M.I.: Sandahl, Adam J			
ADDRESS: 1 Sundial Avenue, Suite 510N	TOWN/CITY: Manchester	STATE: NH	ZIP CODE: 03103
PHONE: 6036270708	EMAIL (if available): asandahl@cmaengineers.com		

**SECTION 6 - CRITERIA (Env-Wq 1406.07)**

**Please check at least one of the following criteria:**

- This shoreland permit application requires neither a proposal to make the property more nearly conforming nor a request for a waiver of a minimum standard.
- This shoreland permit application includes a proposal to make the structures and/or the property more nearly conforming in accordance with RSA 483-B:11.
- This shoreland permit application includes a request for a waiver of the following minimum standard(s): RSA 483-B:9, V \_\_\_\_\_.

**SECTION 7 - RELATED NHDES LAND RESOURCES MANAGEMENT PERMIT APPLICATIONS ASSOCIATED WITH THIS PROJECT (Env-Wq 1406.14)**

Please indicate if any of the following permits are required and, if required, the status of the application.

Permit Type	Permit Required	File Number	Permit Application Status
Alteration of Terrain Permit per RSA 485-A:17	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input checked="" type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Individual Sewerage Disposal per RSA 485-A:29	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Subdivision Approval per RSA 485-A:29	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Wetlands Permit per RSA 482-A	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input checked="" type="checkbox"/> PENDING <input type="checkbox"/> DENIED

**SECTION 8 - REFERENCE LINE ELEVATION (Env-Wq 1406.07)**

Required for projects located on the protected shoreland of lakes or ponds. The reference line elevations for most lakes, ponds, and artificial impoundments greater than 10 acres in size are listed in the Consolidated List of Waterbodies Subject to the Shoreland Water Quality Protection Act. Please see RSA 483-B:4, XVII for the definition of reference line.

REFERENCE LINE ELEVATION: N/A feet above sea level.

**SECTION 9 - APPLICATION FEE & SUBMITTAL (RSA 483-B:5-b, I(b); RSA 483-B:5-b, X)**

A non-refundable permit application fee of \$200 plus \$0.20 per total square feet of impact for restoration of water quality improvement projects, or \$400 plus \$0.20 per total square feet of impact for all other projects is required at the time the application is submitted. **Applications for projects solely funded by municipal, county, state, or federal entities shall incur a permitting fee no greater than \$3,750.**

Please mail or hand deliver this application and all required attachments to the NHDES Wetlands Bureau, PO Box 95, Concord, NH 03302-0095. Missing information will delay processing your application and may result in denial of a shoreland permit application. **Please make checks payable to the Treasurer, State of NH.**

**SECTION 10 - CALCULATING TOTAL IMPACT AREA/ PERMIT APPLICATION FEE (RSA 483-B:5-b, I(b); RSA 483-B:5-b, X)**

Total impact area is calculated by determining the sum of all areas disturbed by regrading, excavating, filling, construction, or structure removal. Impacts often include, but are not limited to: constructing new driveways, constructing new structures, areas disturbed when installing septic systems and foundations, creating temporary access roads to drill a new well, and regrading associated with landscaping activities.

TOTAL AREA IMPACTED WITHIN THE PROTECTED SHORELAND = 22,069 (A) square feet

- **For restoration of water quality improvement projects:**  
Multiply line (A) by \$0.20 and add \$200.  $[(A) \times \$0.20 + \$200] = \$$  [ ] Permit fee<sup>1</sup>
- **For all other projects:**  
Multiply line (A) by \$0.20 and add \$400.  $[(A) \times \$0.20 + \$400] = \$$  4,813.80 [ ] Permit fee<sup>1</sup>

**SECTION 11 - REQUIRED CERTIFICATIONS (Env-Wq 1406.08; Env-Wq 1406.10(a))**

By initialing within the blank before each of the following statements, and signing below, you are certifying that:

Initials: [ ]	The information provided is true, complete, and not misleading to the knowledge and belief of the signer.
Initials: [ ]	I understand that: <ul style="list-style-type: none"> <li>• Any permit or waiver granted based on false, incomplete, or misleading information shall be subject to revocation.</li> <li>• I am subject to the applicable penalties in RSA 641, Falsification in Official Matters. And</li> <li>• Obtaining a shoreland permit shall not exempt the work proposed from other state, local, or federal approvals.</li> </ul>
Initials: [ ]	I have notified the governing body of the municipality or municipalities in which the property is located by certified mail, in accordance with Env-Wq 1406.13.
Initials: [ ]	I have notified all abutters <sup>2</sup> of the proposed impacts via certified mail, in accordance with Env-Wq 1406.13.
Initials: [ ]	<input checked="" type="checkbox"/> This project is within ¼ mile of a designated river and I have notified the Local River Management Advisory Committee (LAC) by providing the LAC with a copy of the complete application, including all supporting materials, via certified mail, in accordance with Env-Wq 1406.13. <input type="checkbox"/> This project is <b>not</b> within ¼ mile of a designated river.
Initials: [ ]	For any project proposing that the impervious area be at least 15% but not more than 20% within the protected shoreland, I certify that the impervious area is not more than 20%. <input checked="" type="checkbox"/> N/A

**SECTION 12 - REQUIRED SIGNATURES (Env-Wq 1406.08)**

Both the property owner and applicant must sign the application.

SIGNATURE (OWNER): [Signature]	PRINT NAME LEGIBLY: [ ]	DATE: [ ]
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): [Signature]	PRINT NAME LEGIBLY: JOHN GAY	DATE: 12/4/23

<sup>1</sup> Applications for projects solely funded by municipal, county, state, or federal entities shall incur a permitting fee no greater than \$3,750.

<sup>2</sup> "Abutter" means any person who owns property that is immediately contiguous to the property on which the proposed work will take place, or who owns flowage rights on such property. The term does not include those properties separated by a public road or more than ¼ mile from the limits of the proposed work. If contiguous properties are owned by the person who is proposing the work, then the term includes the person owning the next contiguous property, subject to the ¼ mile limitation.



## Stormwater Management Requirements

### THE IMPERVIOUS AREA THRESHOLDS (RSA 483-B:9, V(g))

- A net decrease or no net increase in impervious area is proposed (If **line E** is less than or equal to **line D**).
- The percentage of post-construction impervious area (**line E**) is less than or equal to 20%.  
This project **does not** require a stormwater management plan and **does not** require a plan demonstrating that each waterfront buffer grid segment at least meets the minimum required tree and sapling point score.
- A net increase in impervious area is proposed and the percentage of post-construction impervious area (**line E**) is greater than 20%, but less than 30%.  
This project **requires** a stormwater management but, **does not** require a plan demonstrating that each waterfront buffer grid segment at least meets the minimum required tree and sapling point score.  
*See details on the Application Checklist*
- A net increase in impervious area is proposed and the percentage of post-construction impervious area (**line E**) is greater than 30%.  
This project **requires** a stormwater management plan designed and certified by a professional engineer and **requires** plans demonstrating that each waterfront buffer grid segment meets at least the minimum required tree and sapling point score.  
*See details on the Application Checklist*

## Natural Woodland Area Requirement

### DETERMINING THE AREA TO REMAIN AS NATURAL WOODLAND

Total area of the lot between 50 feet and 150 feet of the reference line within which the vegetation currently exists as natural woodland <sup>5</sup> (see definition below).	(F) <input type="text"/> FT <sup>2</sup>
Total area of the lot between 50 feet and 150 feet from the reference line.	(G) <input type="text"/> FT <sup>2</sup>
At least 25% of area (G) must remain in as natural woodland. $[0.25 \times G]$	(H) <input type="text"/> FT <sup>2</sup>
Place the lesser of area (F) and calculation (H) on this line. In order to remain compliant with the <b>natural woodland area requirement</b> , this is the minimum area that must remain as natural woodland between 50 feet and 150 feet from the reference line. This area <b>must</b> be represented on all plans and this area, exclusive of existing lawn, must remain in an unaltered state <sup>6</sup> .	(I) <input type="text"/> FT <sup>2</sup>
Name of person who prepared this worksheet: <input type="text"/>	
Name and date of the plan this worksheet is based upon: <input type="text"/>	

<sup>5</sup> "Natural Woodland" means a forested area consisting of various species of trees, saplings, shrubs, and ground covers in any combination and at any stage of growth (483-B:4, XI).

<sup>6</sup> "Unaltered State" means native vegetation allowed to grow without cutting, limbing, trimming, pruning, mowing, or other similar activities except as needed for renewal or to maintain or improve plant health (483-B:4, XXIV-b).

Keep this checklist for your reference; do not submit with your application.

## APPLICATION CHECKLIST

Unless specified, all items listed below are required. Failure to provide the required items will delay a decision on your project and may result in the denial of your application. Please reference statute RSA 483-B, the Shoreland Water Quality Protection Act (SWQPA) and administrative rules Env-Wq 1400 et seq. of the SWQPA available online at [www.des.nh.gov](http://www.des.nh.gov). This checklist is for your guidance only. Please submit the required items but do not submit this checklist to NHDES.

### Required Attachments for All Projects (Env-Wt 1406.06, Env-Wq 1406.07; Env-Wq 1406.12; Env-Wq 1406.13)

- Application fee required by RSA 483-B:5-b, I(b).
- A copy of the recorded deed of the current property owner.
- A copy of the US Geological Survey map with the property and project located.
- Photographs which clearly show the existing site conditions within the protected shoreland, including the area within 50 feet of all proposed impacts.
- A copy of the tax map showing the location and lot number of the proposed project.
- A list of names and mailing addresses, as well as tax map and lot numbers, of all abutters (Env-Wq 1406.12(e)). Public infrastructure projects such as public roads, public utility lines, and associated structures and facilities, including public water access facilities, are not required to notify abutters (RSA-483-B:5-b, IV-a).
- Certified mail receipts verifying that the governing body of the municipality in which the project will be located, the Local River Management Advisory Committee (LAC), if the project is within ¼ mile of a Designated River under RSA 483:15, and all abutters have been notified, as applicable (RSA-483-B:5-b, IV-a).
- A copy of the New Hampshire Natural Heritage Bureau (NHB) Report for the subject property indicating that the project has been screened for species of concern.
- If the applicant is not the property owner and is not the authorized agent of the property owner for purposes of the application, documentation supporting the applicant's right to engage in the proposed activity on the property, for example a long-term lease or purchase-and-sale agreement.
- Plans and additional information, as described below.

### Plans (Format)

- Plans shall have a left margin of 2 inches; the remaining margins shall be at least 1 inch (Env-Wq 1406.11(b)).
- Plans which are drawn to scale shall be shown using a scale of not more than 20 feet to one inch, except that if the lot cannot be shown on a 1:20 scale, it shall be shown on a larger scale on a separate sheet (Env-Wq 1406.11(c)).
- Fold oversized plans to 8.5 x 11 inches (Env-Wq 1406.11(d)).

### Plans (Details)

The following information must be shown on **all** plans (Env-Wq 1406.09; Env-Wq 1406.10):

- An overview plan of the property within 250 feet of the reference line that shows the approximate location of all property lines, easements, and rights-of-way, clearly labeled.
- The scale, if any, used on the plan, or if the plan is not to scale, the complete dimensions of all features.
- A north-pointing arrow, indicating orientation.

[shoreland@des.nh.gov](mailto:shoreland@des.nh.gov) or (603) 271-2147

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

<http://www.des.nh.gov>

- A legend that clearly indicates all symbols, line types, and shadings.
- The reference line, the primary building line (i.e., the 50-foot primary structure setback line), the limits of the woodland buffer, and the protected shoreland.
- All other applicable local and state setbacks.
- The dimensions and locations of all existing structures, impervious areas, disturbed areas, and all other relevant features necessary to clearly define existing conditions.
- The dimensions and locations of all proposed structures, impervious areas, and all other relevant features necessary to clearly define the proposed project.
- A delineation of all existing and proposed cleared areas, such as, lawns, fields, paths, gardens, and beaches.
- The dimensions, locations, and descriptions of all proposed temporary impacts associated with completion of the project.
- The locations of all areas between 50 feet and 150 feet of the reference line that will remain as **natural woodland (as determined on *Line (I)* of the shoreland application worksheet)**.
- Proposed methods of erosion and siltation controls indicated graphically and labeled, or otherwise annotated as needed for clarity, as specified by Env-Wq 1404.
- If the topography is to be permanently altered, the existing and proposed topography, including a reference elevation.
- A plan of any planting(s) proposed in the waterfront buffer, showing the proposed location(s) and scientific names or common names of proposed species.
- If applicable, the location of an existing or proposed 6-foot-wide foot path to the waterbody or temporary access path, as allowed by RSA 483-B:9, V(a)(2)(D)(viii) and (ix).
- The date of plan and the preparer's name.

### Required Additional Information

#### 1. Projects Within the Waterfront Buffer (RSA 483-B:9, V(a)(2)(D); Env-Wq 1405.03; Env-Wq 1406.10)

- A plan delineating each waterfront buffer grid segment that will be impacted by the project.
- The location and diameter of all trees and saplings, at least up to that which is sufficient to meet the minimum point requirement specified in RSA 483-B:9, V(a)(2)(D) within each grid segment to be impacted.
- A designation of the trees and/or saplings to be cut during the project, if any, including:
  - The diameter of all trees and saplings at 4½ feet from the ground.
  - The names of the existing species, using either scientific names or common names.
- For any project proposing new or modification to the footprint of accessory structures within the waterfront buffer, provide the shoreland frontage of the lot, which is required to determine compliance with Env-Wq 1405.03.

#### 2. Subdivision Projects and Projects Requiring New Septic Systems (RSA 483-B:9)

- Location and description of any on-site or proposed septic system including approval number, if known, to provide evidence of compliance with RSA 483-B:9, V(c).
- For subdivisions only: shoreland frontage of the lot, to provide evidence of compliance with RSA 483-B:9, V(e) & (f).



### 3. Projects Involving an Increase in Impervious Area (Env-Wq 1404.02; Env-Wq 1406.10; RSA 483-B:9, V(g))

Projects that propose a **net increase** in impervious area may be required to incorporate a stormwater management plan and enhance the waterfront buffer with additional vegetation:

- For projects that propose a net increase in impervious area and the percentage of post-construction impervious area will be greater than 20%, but less than 30% (**as determined on Line (E) of the shoreland application worksheet**) within the protected shoreland, as specified in RSA 483-B:9, V(g)(2), please provide:
  - Plans for a stormwater management system that will infiltrate increased stormwater from development in accordance with Env-Wq 1500.
- For projects that propose a net increase in impervious area and the percentage of post-construction impervious area will be greater than 30% (**as determined on Line (E) of the shoreland application worksheet**) within the protected shoreland, as specified in RSA 483-B:9, V(g)(1) and (3), please provide:
  - Plans for a stormwater management system that is designed and certified by a professional engineer. Such system design shall demonstrate that the post-development volume and peak flow rate based on the 10-year, 24-hour storm event, shall not exceed the pre-development volume and peak flow rate for flow off the property within the protected shoreland.
  - Evidence that each grid segment of the waterfront buffer at least meets the minimum required tree and sapling point score and/ or a planting plan in accordance with PART Env-Wq 1413, with the locations and species of all native plantings proposed to at least bring each deficient grid segment up to the required minimum point score. An explanation of how to score grid segments and a native species planting list is available in the NHDES fact sheet: "[Vegetation Management for Water Quality](#)".

### 4. Pervious Technology Use (Env-Wq 1406.10)

For any project that proposes the use of pervious surface technologies such as pervious asphalt or porous concrete, or to maintain existing pervious surfaces, please provide:

- A plan with the dimensions and locations of all proposed pervious surfaces.
- A cross-section of each type of pervious surface that shows the construction method and details. And
- Specifications indicating how the pervious technologies will be installed and maintained.

### 5. Nonconforming Structures in accordance with RSA 483-B:11 (Env-Wq 1408.05)

- For projects that propose expansions of non-conforming primary structures, please provide a completed [More Nearly Conforming Request Form](#) or your own request explaining how the project meets the requirements of RSA 483-B:11 and Env-Wq 1408.05.

### 6. Waiver from the Minimum Standards (Env-Wq 1406.10; Env-Wq 1409)

- For projects that request a waiver from the minimum standards of RSA 483-B:9, please provide a completed [Request Waiver from the Minimum Standards Request Form](#) or your own request explaining how the project meets the requirements of RSA 483-B:9,V(i) and PART Env-Wq 1409.01.

### 7. Waiver from the Rules (Env-Wq 1413)

- For projects that request a waiver from the rules (Env-Wq 1400 et seq.), please provide a completed [Request Waiver from the Shoreland Rules Form](#) or your own request explaining how the project meets the requirements of PART Env-Wq 1413.

[shoreland@des.nh.gov](mailto:shoreland@des.nh.gov) or (603) 271-2147

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

<http://www.des.nh.gov>

STATE OF NEW HAMPSHIRE  
INTER-DEPARTMENT COMMUNICATION

**FROM:** James McMahon III, P.E. *SFM* **DATE:** 3/13/24  
Assistant District Engineer **AT (OFFICE):** District 1  
District One Highway Maintenance

**SUBJECT:** Shoreland Permit Application  
Bethlehem NH-116 Right of Way

**TO:** NHDES Shoreland Bureau  
6 Hazen Drive  
Concord, NH 03301

The enclosed application package is for the Granite State Landfill project sponsored by Casella. The project proposes widening of NH-116 at Douglas Drive in Bethlehem, New Hampshire.

The impacted area consists of 22,069 square feet within the protected shoreland.

The New Hampshire Department of Transportation is the co-applicant for this project because work occurs within our right-of-way and a driveway permit is required. However, all responsibility for the permit application and subsequent work to be performed by the project sponsor and/or his agents lies with the sponsor and/or his agents. The permit application was prepared by CMA Engineers, consultant to the project sponsor.

The lead people to contacts for this project are:

Adam Sandahl, P.E.  
CMA Engineers, Inc.  
1 Sundial Avenue, Suite 510N  
Manchester, NH 03103  
Phone: 603-627-0708 x302

John Gay, E.I.  
Granite State Landfill, LLC  
1855 VT Route 100  
Hyde Park, VT 05655  
P: 603-431-6196



## SHORELAND APPLICATION WORKSHEET

This worksheet *must* be submitted to the NHDES Wetlands Bureau with every Shoreland Permit Application. **A separate shoreland application worksheet must be submitted for each individual lot of record where impacts are proposed.**

For the purposes of this worksheet, “**pre-construction**” impervious surface area<sup>3</sup> means all human made impervious surfaces<sup>4</sup> currently present within the protected shoreland of a lot, whether to be removed or to remain after the project is completed. “**Post-construction**” impervious area means all impervious surfaces that will exist within the protected shoreland of a lot upon completion of the project, including both new and any remaining pre-construction impervious surfaces. All answers shall be given in square feet.

### Calculating the Impervious Area of a Lot

CALCULATING THE IMPERVIOUS AREA OF A LOT WITHIN 250 FEET OF THE REFERENCE LINE (Env-Wq 1406.12)			
	STRUCTURE DESCRIPTION	PRE-CONSTRUCTION IMPERVIOUS AREAS	POST-CONSTRUCTION IMPERVIOUS AREAS
<b>PRIMARY STRUCTURE(S)</b> House and all <b>attached</b> decks and porches.	█	█ FT <sup>2</sup>	█ FT <sup>2</sup>
<b>ACCESSORY STRUCTURES</b> All other impervious surfaces excluding lawn furniture, well heads, and fences. Common accessory structures include, but are not limited to: driveways, walkways, patios, and sheds.	█	█ FT <sup>2</sup>	█ FT <sup>2</sup>
	█	█ FT <sup>2</sup>	█ FT <sup>2</sup>
	█	█ FT <sup>2</sup>	█ FT <sup>2</sup>
	█	█ FT <sup>2</sup>	█ FT <sup>2</sup>
	█	█ FT <sup>2</sup>	█ FT <sup>2</sup>
	█	█ FT <sup>2</sup>	█ FT <sup>2</sup>
<b>TOTAL:</b>		<b>(A)</b> █ FT <sup>2</sup>	<b>(B)</b> █ FT <sup>2</sup>
Area of the lot located within 250 feet of reference line:			<b>(C)</b> █ FT <sup>2</sup>
Percentage of lot covered by pre-construction impervious area within 250 feet of the reference line: <i>[divide (A) by (C) x 100]</i>			<b>(D)</b> █ %
Percentage of lot to be covered by post-construction impervious area within 250 feet of the reference line upon completion of the project: <i>[divide (B) by (C) x 100]</i>			<b>(E)</b> █ %

<sup>3</sup> “**Impervious surface area**” as defined in Env-Wq 1402.13 means, for purposes of the impervious surface limitation specified in RSA 483-B:9, V(g), the sum total of the footprint of each impervious surface that is located within the protected shoreland.

<sup>4</sup> “**Impervious Surface**” as defined in RSA 483-B:4, VII-b means any modified surface that cannot effectively absorb or infiltrate water. Examples of impervious surfaces include, but are not limited to, roofs, and unless designed to effectively absorb or infiltrate water, decks, patios, and paved, gravel, or crushed stone driveways, parking areas, and walkways.

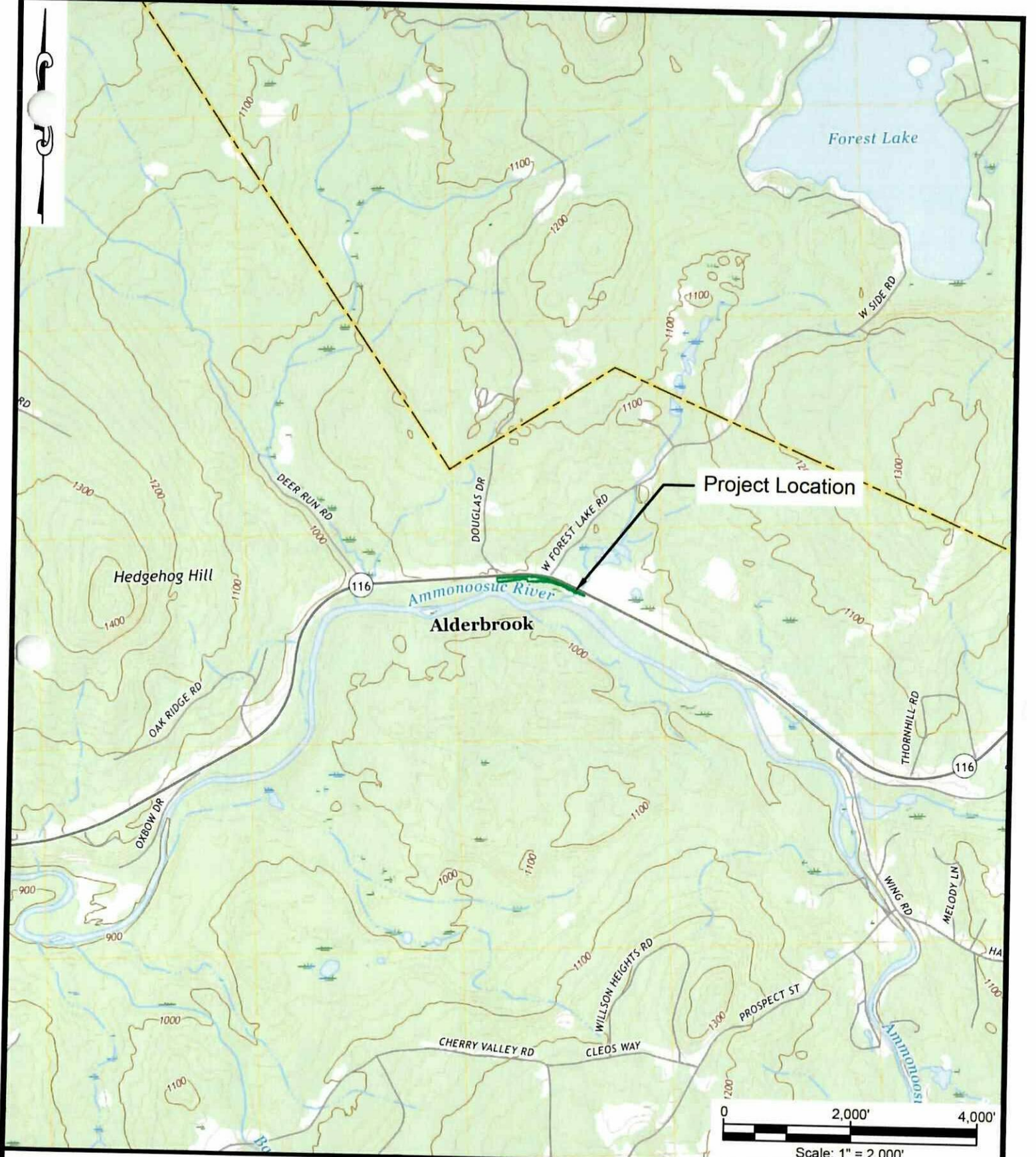
# APPLICATION CHECK

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# APPENDIX A

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USGS MAP



**CMA**  
**ENGINEERS**

CIVIL/ENVIRONMENTAL/STRUCTURAL  
 Portsmouth, NH • Manchester, NH • Portland, ME  
 603/431-6196 • 603/627-0708 • 207/541-4223  
 cmaengineers.com

**RECEIVED**  
**MAR 25 2024**  
 NHDES  
 LAND RESOURCES MANAGEMENT

Granite State Landfill, LLC  
 Granite State Landfill  
 Bethlehem, New Hampshire  
 Shoreland Permit

USGS Map

# APPENDIX B

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## SITE PHOTOS

NHDES Shoreland Permit  
Site Photos

Route 116 / Whitefield Road Improvements



Photo 1 – Ammonoosuc River and NH Route 116 (Looking west) – July 15, 2022



Photo 2 – Ammonoosuc River (Looking east) – July 15, 2022

RECEIVED  
MAR 25 2024  
NHDES  
LAND RESOURCES MANAGEMENT



NHDES Shoreland Permit  
Site Photos

Route 116 / Whitefield Road Improvements



Photo 3 – Streetview of NH Route 116 (Looking east) – August 2023



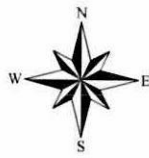
Photo 4 – Streetview of NH Route 116 (Looking west) – August 2023

RECEIVED  
MAR 25 2024  
NHDES  
LAND RESOURCE

# APPENDIX C

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## TAX MAP



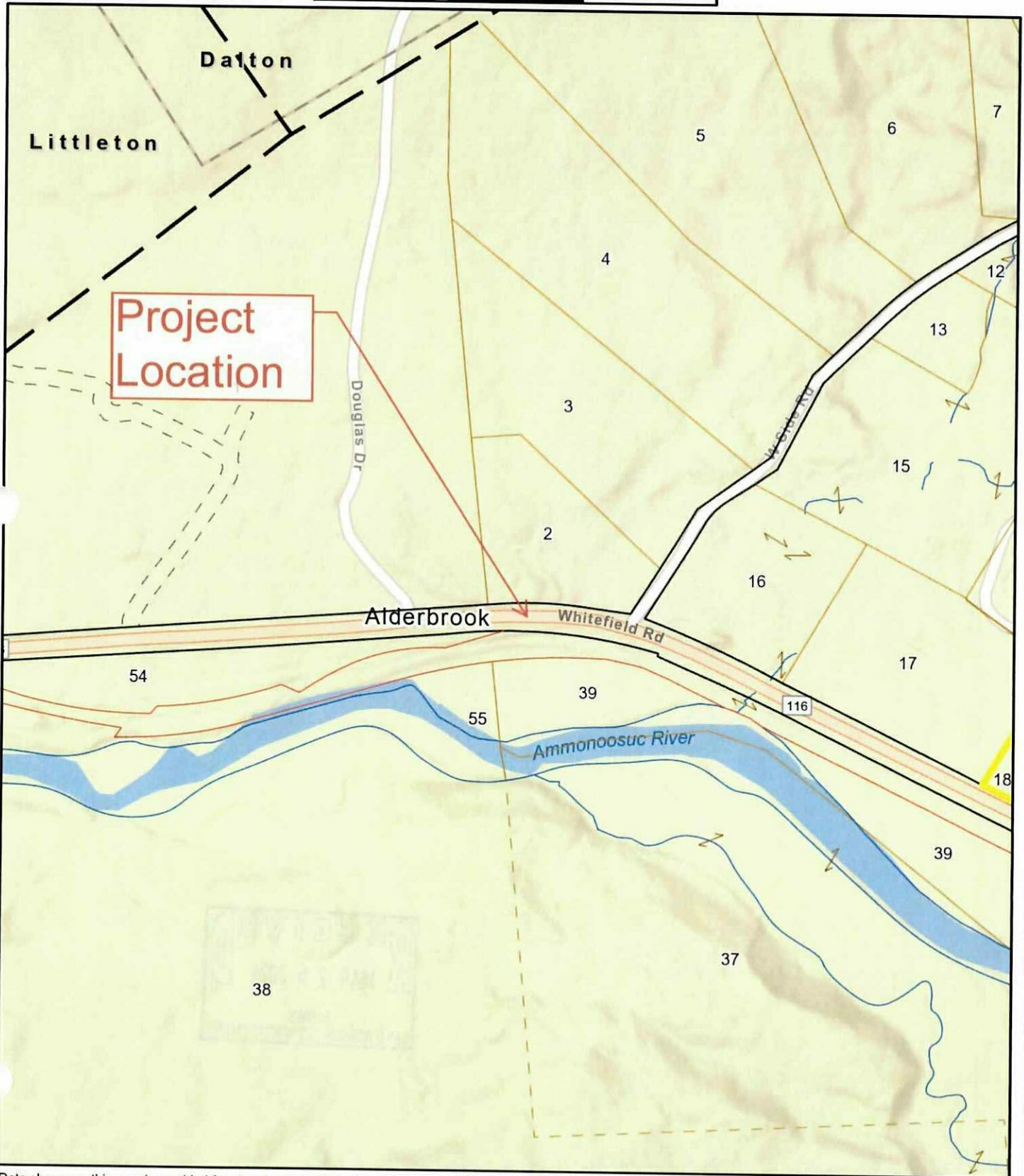
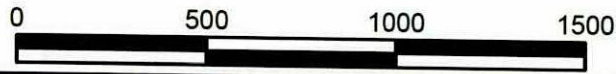
Town of Bethlehem, NH

1 inch = 500 Feet



www.cai-tech.com

July 28, 2023



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

RECEIVED  
MAR 25 2024  
NHDES  
LAND RESOURCES MANAGEMENT

# APPENDIX D

---

## ABUTTER LIST

# Abutter List

---

## Map 406 – Lot 1

JW Chipping, Inc.  
104 Douglas Dr  
Bethlehem, NH 03574

## Map 406 – Lot 2

Dalton Valley Drags, LLC  
104 Douglas Dr  
Bethlehem, NH 03574

## Map 406 – Lot 16

Cosmo Valente  
24 High Street  
Somerville, MA

## Map 406 – Lot 17

Crowe Family Investments LLC  
PO Box 455  
Littleton, NH 03561

## Map 406 – Lot 39

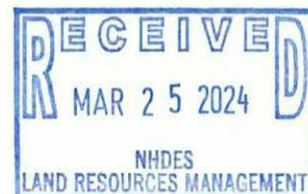
Karen Burrill-Murray  
24 Maple Ave  
Foxborough, MA 02035

## Map 405 – Lot 54

Dupont, Christopher M  
24 West Highland Ave  
Cumberland, RI 02864

## Map 406 – Lot 55

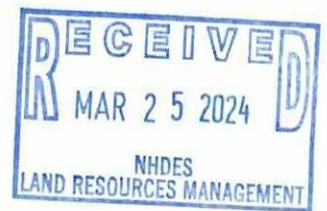
Christopher M. Dupont  
24 West Highland Ave  
Cumberland, RI 02864



# APPENDIX E

---

## NOTIFICATION LETTER AND CERTIFIED MAIL RECEIPTS



<DATE>

<ADDRESS>

Re: Granite State Landfill  
Route 116/Douglas Drive Driveway Improvements  
Bethlehem, NH  
Shoreland Application  
*Tax Map 406 Lot 1*  
CMA #1101

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Dear Sir or Madam:

On behalf of the Granite State Landfill, LLC, we are writing this letter to provide you notice that a Shoreland Permit Application will be filed with the New Hampshire Department of Environmental Services (NHDES) Shoreland Program on or about March 20, 2024. The proposed project will widen sections of NH Route 116 to allow for acceleration and deceleration lanes to Douglas Drive, which is the proposed site access for the future Granite State Landfill. According to Town records, you own abutting land to the NHDOT right-of-way within a quarter mile of the project area.

Only the acceleration lane, located on the south side of NH Route 116, is within the protected shoreland of the Ammonoosuc River. The deceleration lane, located on the north side of NH Route 116, is not within the protected shoreland. The acceleration lane will serve trucks exiting the subject parcel and heading east towards Whitefield. The modifications to NH Route 116 and Douglas Drive have incorporated comments from NHDOT through the driveway permitting process. The Driveway Permit application is currently under review by NHDOT.

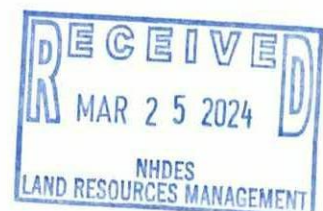
As an abutter to a project subject to a shorelands permit application, we are required to notify you about the application under state law RSA 482-B:5 IV-a. Once it is filed, the permit application, including plans that show the proposed project will be available for viewing at the NHDES offices by scheduling a file review by calling (603) 271-2919 or emailing [filereview@des.nh.gov](mailto:filereview@des.nh.gov).

Should you have any questions, please feel free to call me at (603) 627-0708.

Very truly yours,  
CMA ENGINEERS, INC.



Adam Sandahl, P.E.  
Project Manager





## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

J.W. Chipping  
104 Douglas Drive  
Bethlehem, NH 03574



9590 9402 8469 3186 6709 47

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5641

PS Form 3811, July 2020 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- 
- Agent
- 
- 
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type

- |  |   |
|--|---|
| <input type="checkbox"/> Adult Signature                               | <input type="checkbox"/> Priority Mail Express®                     |
| <input type="checkbox"/> Adult Signature Restricted Delivery           | <input type="checkbox"/> Registered Mail™                           |
| <input type="checkbox"/> Certified Mail®                               | <input type="checkbox"/> Registered Mail Restricted Delivery        |
| <input type="checkbox"/> Certified Mail Restricted Delivery            | <input type="checkbox"/> Signature Confirmation™                    |
| <input type="checkbox"/> Collect on Delivery                           | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery       |   |
| <input type="checkbox"/> Insured Mail                                  |   |
| <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) |   |

Domestic Return Receipt

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS FOLD AT DOTTED LINE

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Dalton Valley Drags, LLC.  
104 Douglas Drive  
Bethlehem, NH 03574



9590 9402 8469 3186 6709 09

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5658

PS Form 3811, July 2020 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- 
- Agent
- 
- 
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type

- |  |   |
|--|---|
| <input type="checkbox"/> Adult Signature                               | <input type="checkbox"/> Priority Mail Express®                     |
| <input type="checkbox"/> Adult Signature Restricted Delivery           | <input type="checkbox"/> Registered Mail™                           |
| <input type="checkbox"/> Certified Mail®                               | <input type="checkbox"/> Registered Mail Restricted Delivery        |
| <input type="checkbox"/> Certified Mail Restricted Delivery            | <input type="checkbox"/> Signature Confirmation™                    |
| <input type="checkbox"/> Collect on Delivery                           | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery       |   |
| <input type="checkbox"/> Insured Mail                                  |   |
| <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) |   |

Domestic Return Receipt

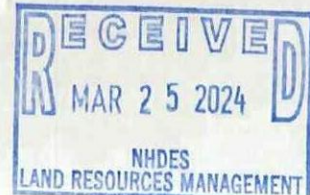
**Certified Mail**

- A receipt (this portion)
- A unique identifier for delivery.
- Electronic verification (signature) that is valid for a specified period.

**Important Reminders**

- You may purchase Cert First-Class Mail® First or Priority Mail® services.
- Certified Mail service is international mail.
- Insurance coverage is with Certified Mail service or Certified Mail service (certain Priority Mail items).
- For an additional fee, an endorsement on the return receipt service (including electronic version). For complete PS Form 3811 Receipt attach PS Form 3800, April 2011

PS Form 3800, April 2011



## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Cosmo J. Valente  
24 High Street  
Somerville, MA 02144



9590 9402 8469 3186 6724 08

## 2. Article Number (Transfer from service label)

7020 1290 0000 5873 5665

PS Form 3811, July 2020 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X

 Agent Addressee

## B. Received by (Printed Name)

## C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

## 3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery

- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Registered Mail  
Registered Mail Restricted Delivery  
over \$500

Domestic Return Receipt

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

## 1. Article Addressed to:

Crowe Family Investments, LLC  
P.O. Box 455  
Littleton, NH 03561



9590 9402 8469 3186 6724 15

## 2. Article Number (Transfer from service label)

7020 1290 0000 5873 5672

PS Form 3811, July 2020 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

X

 Agent Addressee

## B. Received by (Printed Name)

## C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

## 3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery

- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Registered Mail  
Registered Mail Restricted Delivery  
over \$500

Domestic Return Receipt

## Certified Mail

- A receipt (this portion of the card) is provided to you.
- A unique identifier for your mailpiece is provided to you.
- Electronic verification of delivery.
- A record of delivery (with signature) that is retained for a specified period.

## Important Reminders:

- You may purchase Certified Mail® service, First-Class Mail® service, or Priority Mail® service.
- Certified Mail service is not available for international mail.
- Insurance coverage is provided for Certified Mail service.
- With Certified Mail service, you can request a return receipt (including electronic version). For more information, visit [usps.com/certifiedmail](http://usps.com/certifiedmail).
- For an additional fee, an endorsement on the mailpiece can be added for the following services:
  - Return receipt service
  - Signature Confirmation
  - Signature Confirmation Restricted Delivery
- You can request a handwritten receipt for a certified mailpiece. For more information, visit [usps.com/certifiedmail](http://usps.com/certifiedmail).
- Receipt attach PS Form 3811, July 2020 PSN 7530-02-000-9053

PS Form 3800, April 2011

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

**1. Article Addressed to:**

Karen L. Burrill-Murray  
 24 Maple Ave.  
 Foxborough, MA 02035



9590 9402 8469 3186 6724 22

**2. Article Number (Transfer from service label)**

7020 1290 0000 5873 5689

PS Form 3811, July 2020 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

**A. Signature**

X

- Agent
- Addressee

**B. Received by (Printed Name)**

**C. Date of Delivery**

- D. Is delivery address different from item 1?  Yes**  
**If YES, enter delivery address below:  No**

**3. Service Type**

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Registered Mail
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

**Certified Mail**

- A receipt (this portion)
- A unique identifier for delivery verification
- Electronic verification of delivery

- A record of delivery (the signature) that is retained for a specified period.

**Important Reminders**

- You may purchase Certified Mail™, First-Class Mail® Priority Mail® service or Priority Mail® service in international mail.
- Insurance coverage is provided with Certified Mail service. Insurance coverage on certain Priority Mail® items.
- For an additional fee, a endorsement on the mailpiece may be added for the following services:
  - Return receipt service of delivery (including electronic version). For complete PS Form 3811, Receipt, attach PS Form 3800, April 2017.



## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Christopher M. Dupont  
24 West Highland Ave  
Cumberland, RI 02864



9590 9402 8469 3186 6724 46

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5702

PS Form 3811, July 2020 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- 
- Agent
- 
- 
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type

- |  |   |
|--|---|
| <input type="checkbox"/> Adult Signature                         | <input type="checkbox"/> Priority Mail Express®                     |
| <input type="checkbox"/> Adult Signature Restricted Delivery     | <input type="checkbox"/> Registered Mail™                           |
| <input type="checkbox"/> Certified Mail®                         | <input type="checkbox"/> Registered Mail Restricted Delivery        |
| <input type="checkbox"/> Certified Mail Restricted Delivery      | <input type="checkbox"/> Signature Confirmation™                    |
| <input type="checkbox"/> Collect on Delivery                     | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery |   |
| red Mail   |   |
| red Mail Restricted Delivery                                     |   |
| (over \$500)   |   |

Domestic Return Receipt

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS TO BE MAILED FIRST

## SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Christopher M. Dupont  
24 West Highland Ave  
Cumberland, RI 02864



9590 9402 8469 3186 6724 39

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5696

PS Form 3811, July 2020 PSN 7530-02-000-9053

## COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- 
- Agent
- 
- 
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type

- |  |   |
|--|---|
| <input type="checkbox"/> Adult Signature                         | <input type="checkbox"/> Priority Mail Express®                     |
| <input type="checkbox"/> Adult Signature Restricted Delivery     | <input type="checkbox"/> Registered Mail™                           |
| <input type="checkbox"/> Certified Mail®                         | <input type="checkbox"/> Registered Mail Restricted Delivery        |
| <input type="checkbox"/> Certified Mail Restricted Delivery      | <input type="checkbox"/> Signature Confirmation™                    |
| <input type="checkbox"/> Collect on Delivery                     | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery |   |
| Insured Mail   |   |
| Insured Mail Restricted Delivery                                 |   |
| (over \$500)   |   |

Domestic Return Receipt

**Certified Mail**

- A receipt (this portion)
- A unique identifier for your mailpiece
- Electronic verification of delivery.

- A record of delivery (ink signature) that is retained for a specified period.

**Important Reminders**

- You may purchase Certified Mail® service at Post Office Mailboxes.
- Certified Mail service is international mail.
- Insurance coverage is provided with Certified Mail service.
- Certified Mail service insurance coverage is certain Priority Mail. It is not available for other mail services.
- For an additional fee, a return receipt may be purchased on the mailpiece.
- Return receipt service is available for Certified Mail service.
- You can request a return receipt by electronic version. It is available for Certified Mail service.
- Complete PS Form 3811, and attach it to the mailpiece.

- For an additional fee, a return receipt may be purchased on the mailpiece.
- Return receipt service is available for Certified Mail service.
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- You can request a return receipt by electronic version. It is available for Certified Mail service.
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- Return receipt service is available for Certified Mail service.
- You can request a return receipt by electronic version. It is available for Certified Mail service.
- Complete PS Form 3811, and attach it to the mailpiece.

- For an additional fee, a return receipt may be purchased on the mailpiece.
- Return receipt service is available for Certified Mail service.
- You can request a return receipt by electronic version. It is available for Certified Mail service.
- Complete PS Form 3811, and attach it to the mailpiece.

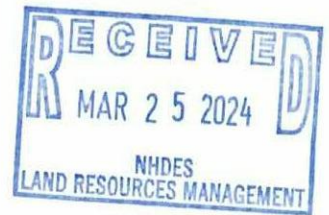
- For an additional fee, a return receipt may be purchased on the mailpiece.
- Return receipt service is available for Certified Mail service.
- You can request a return receipt by electronic version. It is available for Certified Mail service.
- Complete PS Form 3811, and attach it to the mailpiece.

PS Form 3800, April 2011

# APPENDIX F

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NHB REVIEW



# NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION

District 1, 641 Main St, Lancaster, NH 03584  
District 2, 8 Eastman Hill Road, Enfield, NH 03748  
District 3, 2 Sawmill Rd, Gilford, NH 03249

District 4, 19 Base Hill Road, Swanzey, NH 03446  
District 5, 16 East Point Drive, Bedford, NH 03110  
District 6, PO Box 740, Durham, NH 03824

## APPLICATION FOR DRIVEWAY PERMIT

Pursuant to the provisions of **Revised Statutes Annotated, Chapter 236, Section 13** (printed on reverse of application) and amendments thereto, and **Declaratory Ruling 2000-01**, permission is requested to: **Alter 1** driveway entrance(s) to my property on the **North** side of **NH Route 116** the **Town of Bethlehem** at a location which will meet the requirements for safety specified in said statutes.

The driveway entrance(s) requested is (are) for access to: **Industry**

Describe nature and size of industry, business or subdivision: **Proposed solid waste disposal facility and existing enterprises previously permitted (Mining, Drag Strip & Precast Concrete Plant)**

**7 Feet East** of Utility Pole Number: **PSNH 331 82**  
**825 Feet West of West Forest Lake Road**  
Town Tax Map # **406** and Lot # **001**

As the landowner (or designated applicant) I agree to the following:

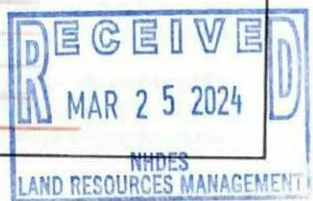
1. To construct driveway entrance(s) only for the bonafide purpose of securing access to private property such that the highway right-of-way is used for no purpose other than travel.
  2. To construct driveway entrance(s) at permitted location(s).
  3. To construct driveway entrance(s) in accordance with statutes, rules, standard drawings, and permit specifications as issued by the New Hampshire Department of Transportation.
  4. To defend, indemnify and hold harmless the New Hampshire Department of Transportation and its duly appointed agents and employees against any action for personal injury and/or property damage sustained by reason of the exercise of this permit.
  5. To furnish and install drainage structures that are necessary to maintain existing highway drainage and adequately handle increased runoff resulting from the land development and obtain all easements thereto.
  6. I am the owner or a duly authorized agent of the owner of the parcel upon which the driveway will be constructed. I have provided accurate and complete title and subdivision information concerning the parcel to the Department. I understand that the Department is relying on this information in considering this application and that the Department does not perform independent title research or make judgments about title or access disputes.
- For new driveway(s), include copy of current deed and, if not the same, previous deed dated prior to July 1, 1971 of the parcel. If this parcel is part of a larger tract subdivided after July 1, 1971, then provide complete subdivision plans and deed history dating back to at least July 1, 1971.
  - Attach sketch or plan showing existing and proposed driveway(s) and the adjacent highway indicating distance to town road, town line, or other readily identifiable feature or landmark and also to the nearest utility pole (including pole numbers)

*Douglas Ingerson*  
Signature of Landowner (Applicant)  
**Douglas Ingerson**  
Printed Name of Landowner  
Date: 10-3-23

**104 Douglas Drive**  
Mailing Address  
**Dalton, NH 03598**  
Town/City, State, Zip Code  
Telephone **603-616-6378 cell**  
Number(s)

Contact/Agent, if not **John Gay, Casella Waste Systems, Inc. john.gay@casella.com,**  
Landowner: **(802) 236-5973**

**FOR OFFICE USE ONLY:**  
 GPS N = \_\_\_\_\_ GPS W = \_\_\_\_\_  
 Section: \_\_\_\_\_ Width: \_\_\_\_\_ Speed: \_\_\_\_\_  
 Right of Way: \_\_\_\_\_ Drainage: \_\_\_\_\_ SLD: \_\_\_\_\_  
 Conditions: \_\_\_\_\_  
 Permit Number Assigned: \_\_\_\_\_



**§ 236:13 Driveways and Other Accesses to the Public Way.**— I. It shall be unlawful to construct, or alter in any way that substantially affects the size or grade of, any driveway, entrance, exit, or approach within the limits of the right-of-way of any class I or class III highway or the state-maintained portion of a class II highway that does not conform to the terms and specifications of a written permit issued by the Commissioner of transportation.

II. Pursuant to this section, a written construction permit application must be obtained from and filed with the department of transportation by any abutter affected by the provisions of paragraph I. Before any construction or alteration work is commenced, said permit application shall have been reviewed, and a construction permit issued by said department. Said permit shall:

- (a) Describe the location of the driveway, entrance, exit, or approach. The location shall be selected to most adequately protect the safety of the traveling public.
- (b) Describe any drainage structures, traffic control devices, and channelization islands to be installed by the abutter.
- (c) Establish grades that adequately protect and promote highway drainage and permit a safe and controlled approach to the highway in all seasons of the year.
- (d) Include any other terms and specifications necessary for the safety of the traveling public.

III. For access to a proposed commercial or industrial enterprise, or to a subdivision, all of which for the purposes of this section shall be considered a single parcel of land, even though acquired by more than one conveyance or held nominally by more than one owner:

- (a) Said permit application shall be accompanied by engineering drawings showing information as set forth in paragraph II.
- (b) Unless all season safe sight distance of 400 feet in both directions along the highway can be obtained, the commissioner shall not permit more than one access to a single parcel of land, and this access shall be at that location which the commissioner determines to be safest. The commissioner shall not give final approval for use of any additional access until it has been proven to him that the 400-foot all season safe sight distance has been provided.
- (c) For the purposes of this section, all season safe sight distance is defined as a line which encounters no visual obstruction between 2 points, each at a height of 3 feet 9 inches above the pavement, and so located as to represent the critical line of sight between the operator of a vehicle using the access and the operator of a vehicle approaching from either direction.

IV. No construction permit shall allow:

- (a) A driveway, entrance, exit, or approach to be constructed more than 50 feet in width, except that a driveway, entrance, exit, or approach may be flared beyond a width of 50 feet at its junction with the highway to accommodate the turning radius of vehicles expected to use the particular driveway, entrance, exit or approach.
- (b) More than 2 driveways, entrances, exits or approaches from any one highway to any one parcel of land unless the frontage along that highway exceeds 500 feet.

V. The same powers concerning highways under their jurisdiction as are conferred upon the commissioner of transportation by paragraphs I, II, III and IV shall be conferred upon the planning board in cities and towns in which the planning board has been granted the power to regulate the subdivision of land as provided in RSA 674:35, and they shall adopt such regulations as are necessary to carry out the provisions of this section. Such regulations may delegate administrative duties, including actual issuance of permits, to a highway agent, board of selectmen, or other qualified official or body. Such regulations, or any permit issued under them, may contain provisions governing the breach, removal, and reconstruction of stone walls or fences within, or at the boundary of, the public right of way, and any landowner or landowner's agent altering a boundary in accordance with such provisions shall be deemed to be acting under a mutual agreement with the city or town pursuant to RSA 472:6, II (a).

VI. The commissioner of transportation or planning board shall retain continuing jurisdiction over the adequacy and safety of every existing driveway, entrance, exit, and approach to a highway, whether or not such access was constructed or installed pursuant to a permit under this section, and, unless the access is a public highway, the owners of property to which the access is appurtenant shall have continuing responsibility for the adequacy of the access and any grades, culverts, or other structures pertaining to such access, whether or not located within the public right of way. If any such access is or becomes a potential threat to the integrity of the highway or its surface, ditches, embankments, bridges, or other structures, or a hazard to the safety of the traveling public, by reason of siltation, flooding, erosion, frost action, vegetative growth, improper grade, or the failure of any culvert, traffic control device, drainage structure, or any other feature, the commissioner of transportation or planning board or their designee may issue an order to the landowner or other party responsible for such access to repair or remove such hazardous condition and to obtain any and all permits required therefor. The order shall describe the hazard, prescribe what corrective action or alteration in the location or configuration of such access shall be required, and set a reasonable time within which the action shall be completed. Such an order shall be sent by certified mail, and shall be enforceable to the same extent as a permit issued under this section. If the order is not complied with within the time prescribed, the commissioner or planning board or their designee may cause to be taken whatever action is necessary to protect the highway and the traveling public, and the owner or other responsible party shall be civilly liable to the state or municipality for its costs in taking such action.

**§ 236:14 Penalty.**— Any person who violates any provision of this subdivision or the rules and regulations made under authority thereof shall be guilty of a violation if a natural person, or guilty of a misdemeanor if any other person; and, in addition, shall be liable for the cost of restoration of the highway to a condition satisfactory to the person empowered to give such written permission.

New Hampshire Natural Heritage Bureau  
NHB DataCheck Results Letter

---

**To:** Nicholas Messina  
35 Bow St  
Portsmouth, NH 03801

**From:** NH Natural Heritage Bureau

**Date:** 7/28/2023 (This letter is valid through 7/28/2024)

**Re:** Review by NH Natural Heritage Bureau of request dated 7/28/2023

**Permit Type:** Shoreland Standard Permit

**NHB ID:** NHB23-2280

**Applicant:** Nicholas Messina

**Location:** Bethlehem  
Tax Map: 405, Tax Lot: NHDOT ROW  
Address: NH Route 116

**Proj. Description:** The project proposes to add a deceleration lane on the south side of NH Route 116 for truck traffic turning out of Douglas Drive. Work will remain within State ROW.

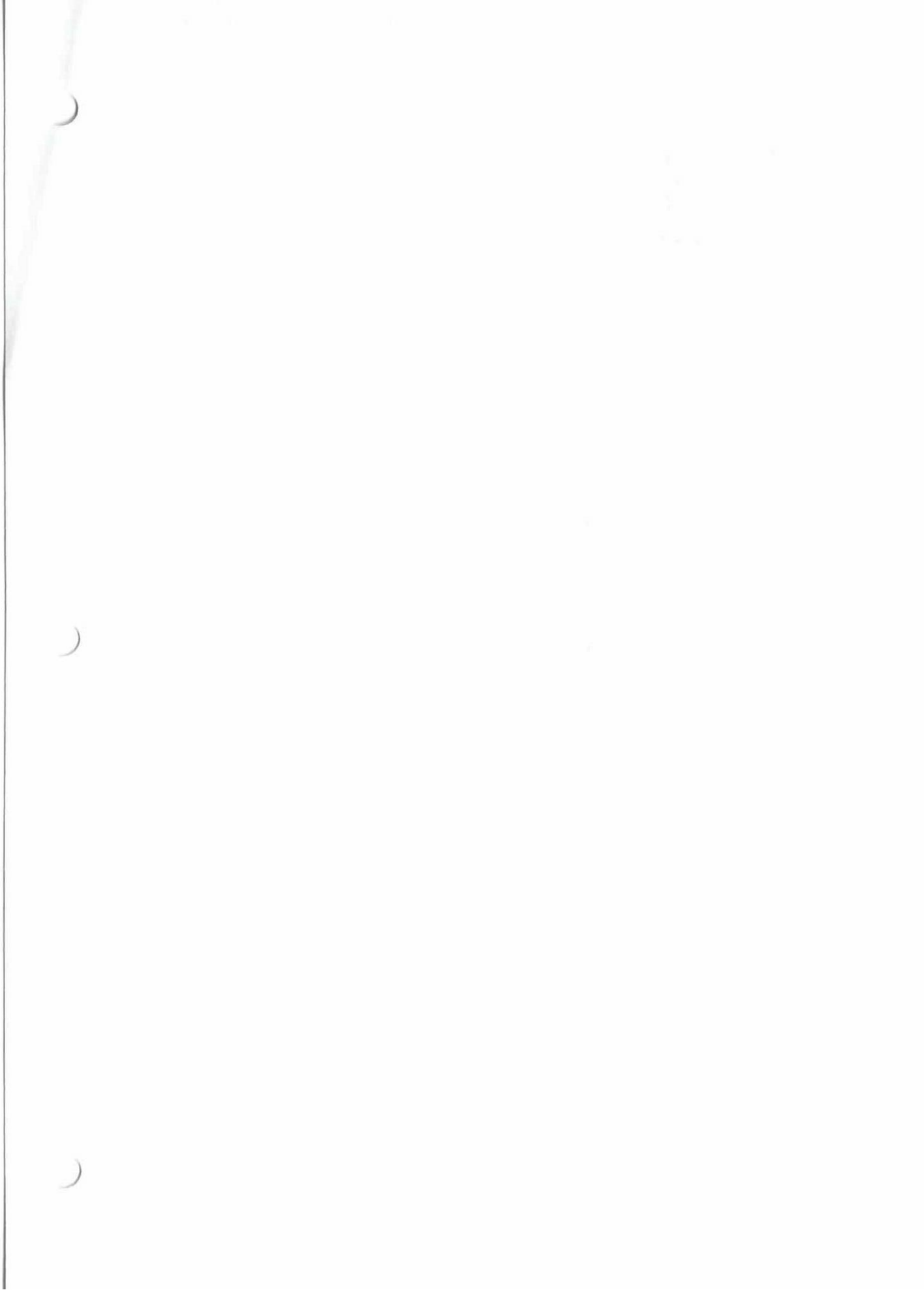
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

Based on the information submitted, no further consultation with the NH Fish and Game Department pursuant to Fis 1004 is required.







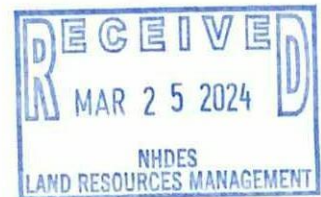
**MAP OF PROJECT BOUNDARIES FOR: NHB23-2280**



# APPENDIX G

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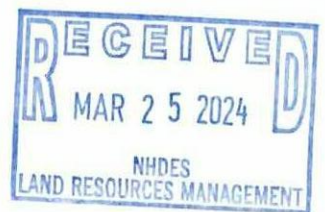
## LANDOWNER SUPPORT DOCUMENTATION



# APPENDIX H

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## PERMIT PLANS

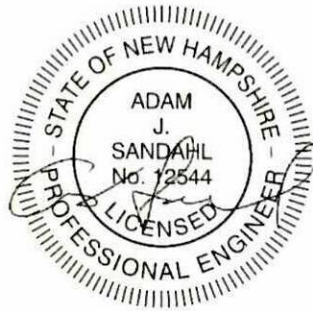


# Granite State Landfill Entrance Improvements

*Bethlehem, New Hampshire*

## Shoreland Permit Application

March 2024



*Submitted to:*

NHDES Water Division – Wetlands Bureau  
29 Hazen Drive, P.O. Box 95  
Concord, New Hampshire 03303-0095

*Submitted by:*

Granite State Landfill, LLC  
1855 VT Route 100  
Hyde Park, Vermont 05655



*Prepared by:*



Civil and Environmental Engineers  
35 Bow Street  
Portsmouth, New Hampshire 03801



1 Sundial Avenue  
Manchester  
New Hampshire  
03103

P: 603|627|0708

[www.cmaengineers.com](http://www.cmaengineers.com)

March 20, 2024

NHDES Shoreland Program  
29 Hazen Drive  
PO Box 95  
Concord, NH 03302-0095

**Re: Granite State Landfill, LLC – NH Route 116 Improvements  
NHDES – Shoreland Permit Application  
CMA #1101**

On behalf of Granite State Landfill, LLC (GSL), CMA Engineers, Inc. is submitting this Shoreland Permit application for improvements to NH Route 116 in Bethlehem. The project involves adding an acceleration lane within the shoreland buffer for truck traffic exiting the property. Enclosed is a check in the amount of \$4,813.80 to cover the application fee.

The limit of work is entirely within NHDOT right-of-way. After a phone conversation with Region 1 reviewer, Kurt Yuengling, on July 28, 2023, it was determined that the shoreland application worksheets are generally not completed for projects in a roadway ROW as the percent increases cannot reasonably be calculated. Consequently, the three shoreland application worksheets (calculating impervious area of a lot, stormwater management requirements, and natural woodland area requirement) are not provided. An NHDOT Driveway Permit Application for this work has been submitted and is pending (#14656). A copy of the driveway permit application form is enclosed.

Abutters to the NHDOT Right-of-Way that are within ¼ mile of the project have been noticed. A copy of the notice and an abutter list is enclosed, and copies of the certified mail receipts will be submitted upon their return.

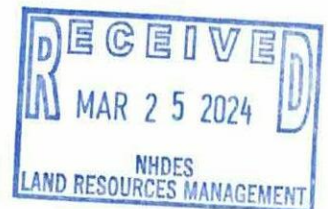
Should you have any questions regarding this application, please do not hesitate to contact me or Joe Gay with GSL ([john.gay@casella.com](mailto:john.gay@casella.com) or 802-651-5454).

Very truly yours,  
CMA ENGINEERS, INC.

Adam Sandahl, P.E., BCEE  
Project Manager

AJS/vpt

Cc: Jim McMahon, NHDOT  
Town of Bethlehem, NH  
Ammonoosuc River Local Advisory Committee  
Via email: [shoreland@des.nh.gov](mailto:shoreland@des.nh.gov)

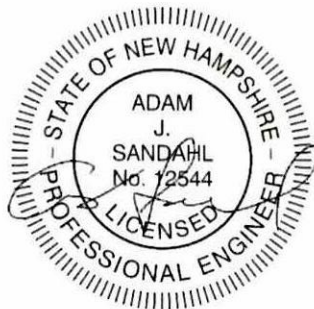


# Granite State Landfill Entrance Improvements

*Bethlehem, New Hampshire*

## Shoreland Permit Application

March 2024



*Submitted to:*

NHDES Water Division – Wetlands Bureau  
29 Hazen Drive, P.O. Box 95  
Concord, New Hampshire 03303-0095

*Submitted by:*

Granite State Landfill, LLC  
1855 VT Route 100  
Hyde Park, Vermont 05655

*Prepared by:*

**CMA**  
ENGINEERS

Civil and Environmental Engineers  
35 Bow Street  
Portsmouth, New Hampshire 03801

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**SHORELAND PERMIT APPLICATION**  
**Granite State Landfill Entrance Improvements**  
**Bethlehem, New Hampshire**

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March 2024

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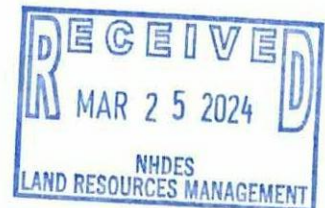
TABLE OF CONTENTS

APPLICATION

Application Form  
Application Check

APPENDICES

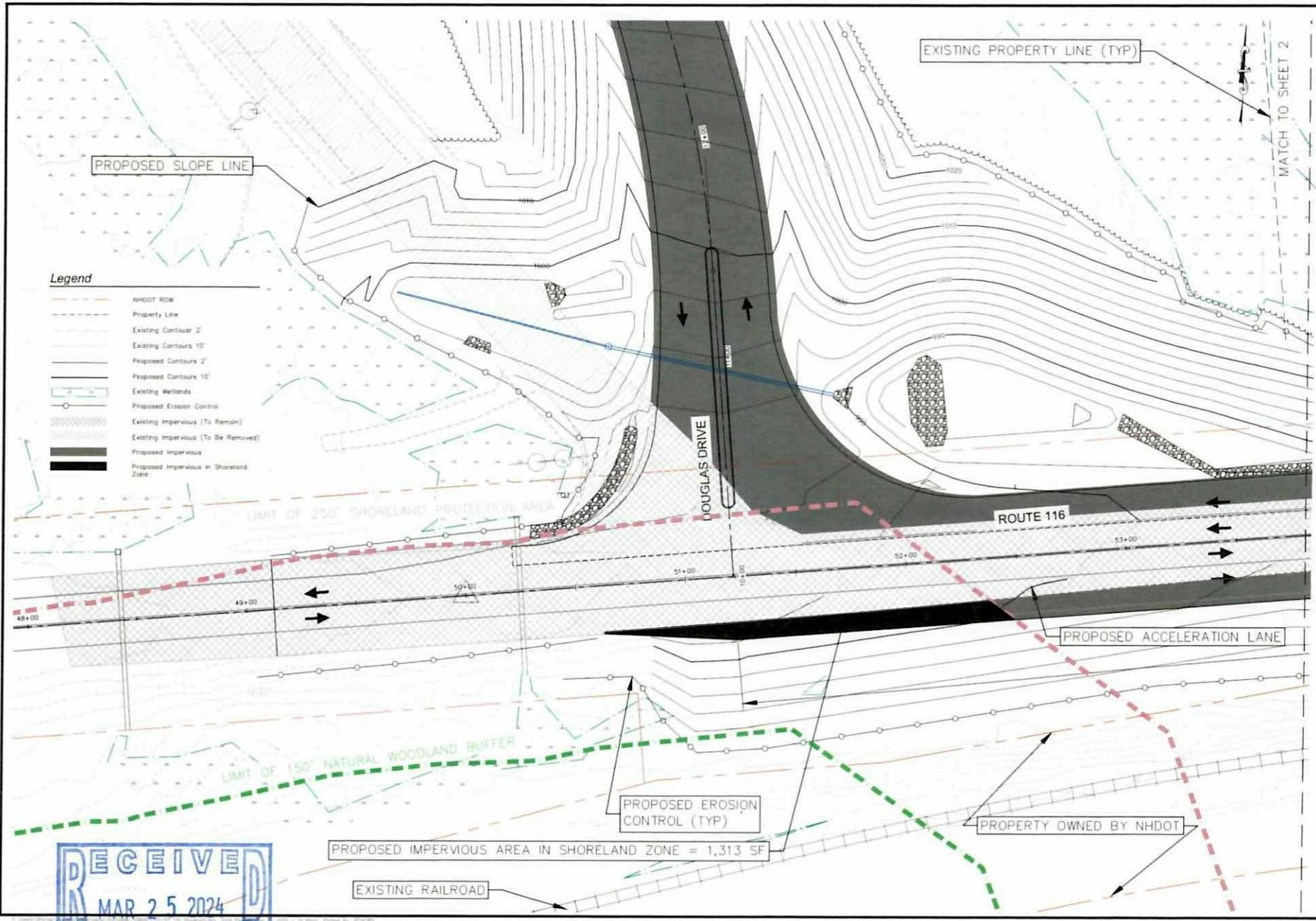
- A. USGS Map
- B. Site Photos
- C. Tax Map
- D. Abutter List
- E. Notification Letter and Certified Mail Receipts
- F. NHB Review
- G. Landowner Support Documentation
- H. Permit Plans





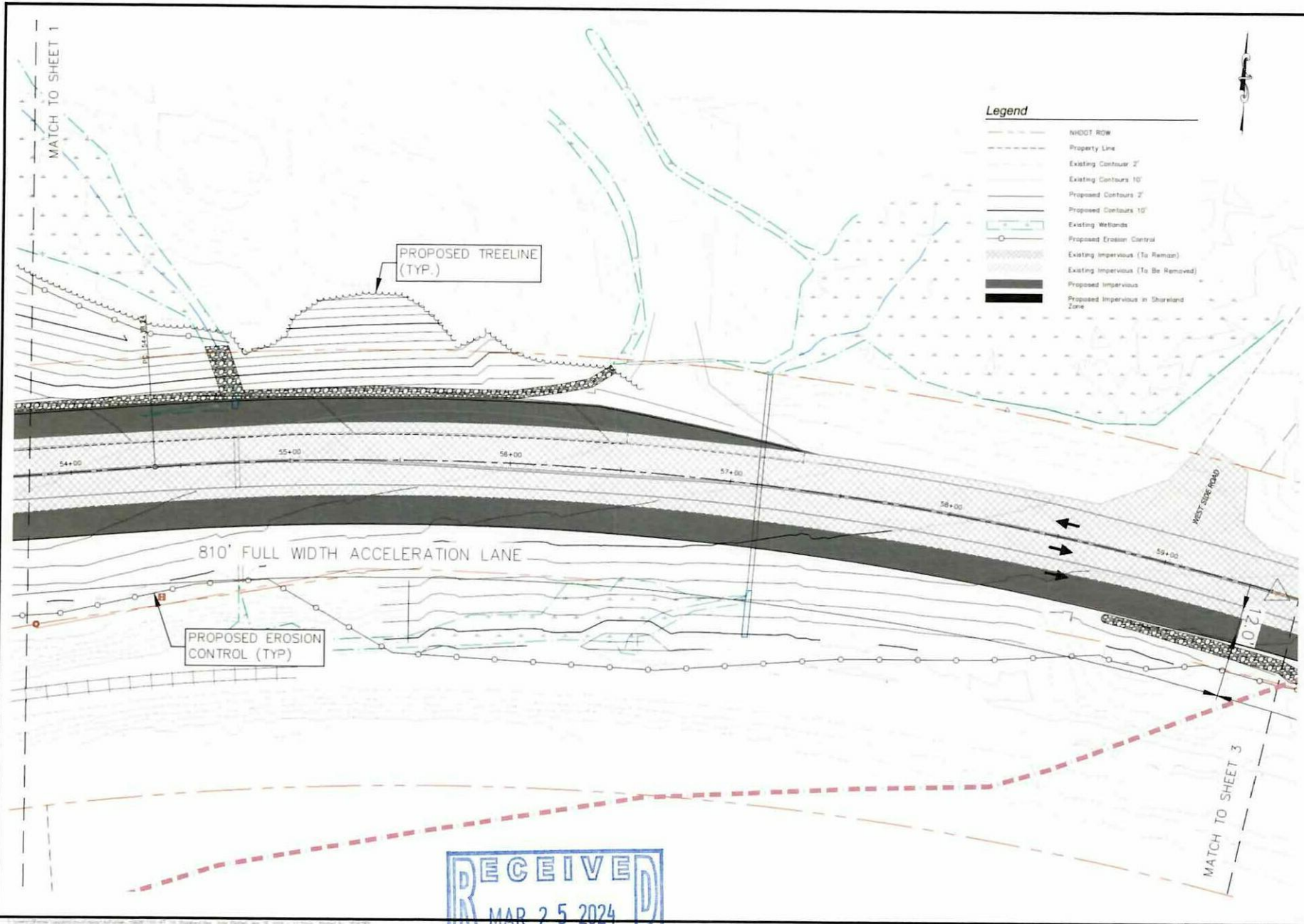
# APPLICATION FORM

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**RECEIVED**  
 MAR 25 2024  
 NHDES  
 LAND ACQUISITION MANAGEMENT

<p><b>CMA ENGINEERS</b>  <small>CMA ENGINEERS, INC. (STRUCTURAL)</small>      Portsmouth, NH • Manchester, NH • Exeter, NH      603.453.6196 • 603.927.0700 • 203.264.4233      cmaengineers.com</p>	
<p>Designed By STP</p>	<p>Drawn By NEM</p>
<p>Checked By STP</p>	<p>Approved By AUS</p>
<p>Granite State Landfill, LLC      Dalton, New Hampshire      NHDES Shoreland      Permit</p>	<p>Route 116      Shoreland Permit Figure</p>
<p>Sheet 1 of 4</p>	<p>Scale 1" = 20'</p>

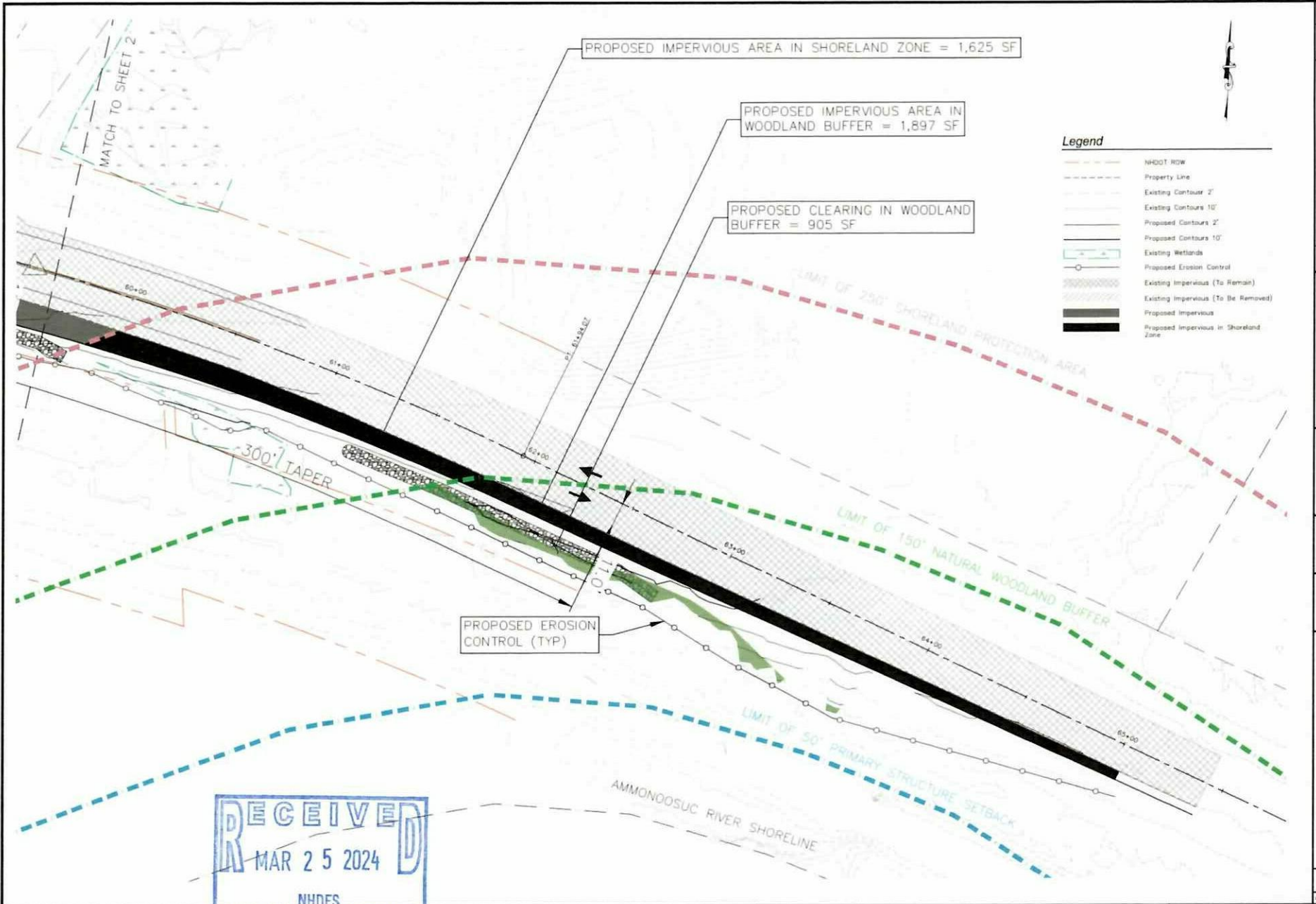


**Legend**

- NHDOT ROW
- Property Line
- Existing Contour 2'
- Existing Contour 10'
- Proposed Contour 2'
- Proposed Contour 10'
- Existing Wetlands
- Proposed Erosion Control
- Existing Impervious (To Remain)
- Existing Impervious (To Be Removed)
- Proposed Impervious
- Proposed Impervious in Shoreland Zone

<p><b>CMA ENGINEERS</b>          CIVIL/ENVIRONMENTAL/STRUCTURAL          Portsmouth, NH • Manchester, NH • Portland, ME          603.431.6196 • 603.527.0206 • 207.641.4223</p>	
Date: November 2023 Drawn by: JFOT Checked by: STP	Approved by: STP Design by: NEM Project by: ADJ
<p>Granite State Landfill, LLC          Dalton, New Hampshire          NHDES Shoreland Permit          Route 116          Shoreland Permit Figure</p>	
Drawing no: 2 of 4	

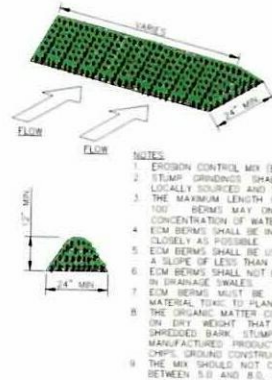
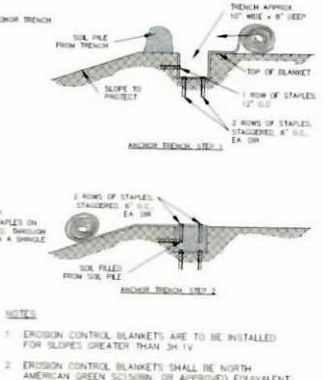
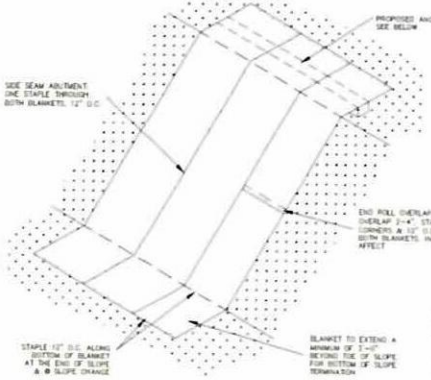
**RECEIVED**  
 MAR 25 2024  
 NHDES  
 LAND RESOURCES MANAGEMENT



- Legend**
- HHDOT ROW
  - Property Line
  - Existing Contour 2'
  - Existing Contours 10'
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  - Proposed Impervious in Shoreland Zone

**RECEIVED**  
 MAR 25 2024  
 NHDES  
 LAND RESOURCES MANAGEMENT

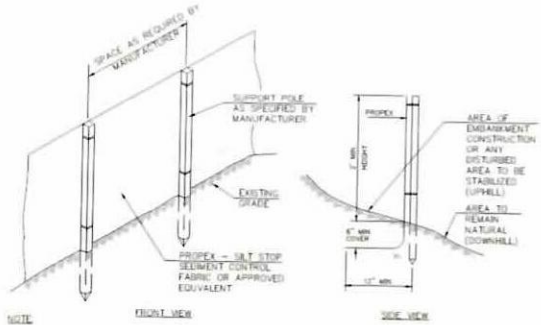
 CMA ENGINEERS Civil/Environmental/Structural Portsmouth, NH • Manchester, NH • 203/561-4223 603/431-6196 • 603/927-0776 • cmaengineers.com		
designed by DTF	drawn by N.A.M.	checked by A.E.S.
date November 2023	project no. 1101	sheet no. 3
Granite State Landfill, LLC Daiton, New Hampshire NHDES Shoreland Permit Route 116 Shoreland Permit Figure		
Drawing No. 3		
sheet 3 of 4		



- NOTES:**
1. EROSION CONTROL MIX (ECM) BERMS SHALL CONFORM TO ENV-WG 1506 OR STAMP GRASSSEED SHALL BE GENERATED FROM THE PROJECT SITE OR LOCALLY SOURCED AND SHOULD BE VOID OF INVASIVE SPECIES.
  2. THE MAXIMUM LENGTH OF SLOPE ABOVE THE EROSION CONTROL BERM IS 100' BERMS MAY ONLY BE UTILIZED IN AREAS WHERE THERE IS NO CONCENTRATION OF WATER.
  3. ECM BERMS SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE.
  4. ECM BERMS SHALL BE USED ONLY IF THE AREA UPSLOPE OF THE BERM HAS A SLOPE OF LESS THAN 10%.
  5. ECM BERMS SHALL NOT BE INSTALLED IN LIVE STREAMS OR AS CHECK DAMS IN URVANE SWALES.
  6. ECM BERMS MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH.
  7. THE ORGANIC MATTER CONTENT SHOULD BE BETWEEN 20% AND 65% BASED ON DRY WEIGHT THAT IS FIBROUS AND ELONGATED SUCH AS FROM MANUFACTURED PRODUCTS AND NOT COMPRISED OF WOOD CHIPS, BARK CHIPS, GRASS CONSTRUCTION SEEDING, OR REPRODUCED WOOD PRODUCTS.
  8. THE MIX SHOULD NOT CONTAIN SILTS, CLAYS OR FINE SAND, HAVE A pH BETWEEN 5.0 AND 8.0, AND HAVE A PARTICLE SIZE BY WEIGHT OF 100% PASSING A 3-INCH SCREEN, 90 TO 100% PASSING A 1-INCH SCREEN, 70 TO 100% PASSING A 0.75-INCH SCREEN, AND 40 TO 75% PASSING A 0.25-INCH SCREEN.

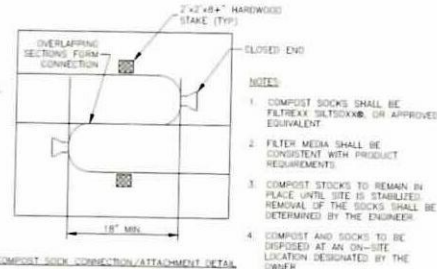
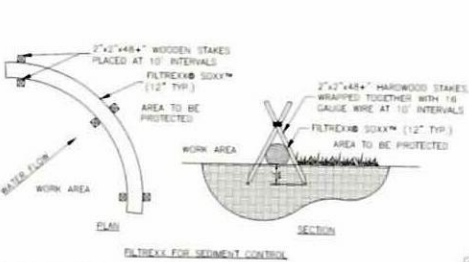
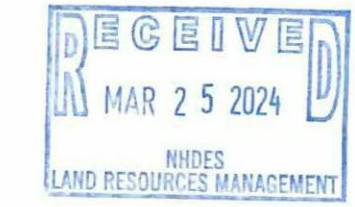
**Erosion Control Blanket Slope Detail**  
Not to Scale

**Erosion Control Mix (ECM) Berm**  
Not to Scale



- NOTE:**
1. AT A MINIMUM, SILT FENCE IS TO BE INSTALLED TO PROTECT WETLAND AREAS, WATERWAYS, EXISTING AND PROPOSED DRAINAGE FEATURES, LOCUS, LAINS AND PLANTINGS ADJACENT TO THE WORK.

**Silt Fence**  
Not to Scale



- NOTES:**
1. COMPOST SOCKS SHALL BE FILTERED, SILT SOCKS, OR APPROVED EQUIVALENT.
  2. FILTER MEDIA SHALL BE CONSISTENT WITH PRODUCT REQUIREMENTS.
  3. COMPOST SOCKS TO REMAIN IN PLACE UNTIL SITE IS STABILIZED. REMOVAL OF THE SOCKS SHALL BE DETERMINED BY THE ENGINEER.
  4. COMPOST AND SOCKS TO BE DISPOSED AT AN ON-SITE LOCATION DESIGNATED BY THE OWNER.

**Compost Sock**  
Not to Scale

**Erosion Control Notes**

1. PRIOR TO CONSTRUCTION AND THEREAFTER EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT WHEN LAND IS EXPOSED DURING DEVELOPMENT. THE EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME. LAND SHALL NOT BE LEFT EXPOSED DURING THE WINTER MONTHS. PERIMETER CONTROLS, INCLUDING SILT FENCE, COMPOST SOCK, ECM BERMS, STORMWATER PONDS, AND INFILTRATION BASINS, SHALL BE INSTALLED PRIOR TO ROUGH GRADING OF THE SITE.
2. THIS PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER 430-SM30 RELATIVE TO INVASIVE SPECIES.
3. ALL DISTURBED AREAS AND SLOPE WHICH ARE FINISH GRADED WITH NO FURTHER CONSTRUCTION TO TAKE PLACE SHALL BE SEEDING AND MULCHED WITHIN 72 HOURS. ALL SEED, LIME AND FERTILIZER PROGRAMS SHALL CONFORM TO ALL APPLICABLE SECTIONS OF THE SPECIFICATIONS.
4. ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY, OR LONGER THAN TWO WEEKS AND WHICH WILL BE REGRADED LATER DURING CONSTRUCTION, SHALL BE MACHINE MAY MULCHES AND SEEDS AT THE RATE OF 2 TONS PER ACRE. THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT SHALL NOT EXCEED 5-ACRES AT ANY ONE TIME UNLESS AN AS-APPROVED ENVIRONMENTAL MONITOR (EM) IS UTILIZED. THE EM SHALL COMPLETE REQUIRED INSPECTIONS AND REPORTING IN COMPLIANCE WITH SECTION ENV-WG 1506(D) OF THE AIT RULES.
5. AVOID USE OF UNDISTURBED AREAS WHENEVER POSSIBLE DURING CONSTRUCTION. CONSTRUCTION TRAFFIC SHALL TRAVEL THE ROADWAYS OF EXISTING AND FUTURE ROADS.
6. SILT FENCE, COMPOST SOCK, AND ECM BERMS SHALL BE INSTALLED & MAINTAINED WHERE SHOWN AND ADDITIONAL SILT FENCE AND COMPOST SOCK ADDED AS REQUIRED BY THE ENGINEER PRIOR TO ANY SITE GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL. IT SHOULD BE MAINTAINED DURING AND AFTER DEVELOPMENT TO REMOVE SEDIMENT FROM RUNOFF WATER AND FROM LAND UNDERGOING DEVELOPMENT WHERE POSSIBLE. NATURAL DRAINAGEWAYS SHOULD BE UTILIZED AND LEFT OPEN TO REMOVE CLEAN EXCESS SURFACE WATER. THE SILT FENCE IS TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
7. EROSION CONTROL DEVICES SHALL BE INSPECTED WEEKLY AND AFTER EVERY 0.5-IN. OF RAINFALL.
8. ALL DISTURBED AREAS SHALL HAVE A MINIMUM OF 4 INCHES OF LOAM PLACED, BEFORE BEING SEEDS AND MULCHED UNLESS OTHERWISE SHOWN. EROSION CONTROL MATTING SHALL BE PLACED ON ALL SLOPES STEEPER THAN 3:1 AND WITHIN GRASS LINED SWALES AS SHOWN.
9. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND ACCUMULATED SEDIMENT DISPOSED OF IN AN ON-SITE LOCATION DESIGNATED BY THE OWNER.
10. BALED HAY AND MULCH SHALL BE MINIMUM OF ACCEPTABLE HERBACEOUS GROWTH, FREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE VOID OF WOOD OR STEEL.
11. SILT FENCES SHALL BE MINIMUM OF 16 INCHES HIGH WITH THE BOTTOM OF THE FABRIC KEVED INTO THE GROUND (SEE DETAIL). POSTS SHALL BE VOID OF WOOD OR STEEL.
12. THE EROSION CONTROL DEVICES SHOWN ON THE GRADING AND AS SPECIFIED IN THE SPECIFICATIONS REPRESENT THE MINIMUM REQUIRED FOR EROSION CONTROL. THE CONTRACTOR SHALL ADD TO THESE DEVICES ANY AND ALL MEASURES AS REQUIRED BY THE ENGINEER TO EFFECTIVELY PREVENT MIGRATION OF SEDIMENT FROM THE WORK AREA.
13. ALL SLOPES AND DISTURBED AREAS TO BE SEEDS SHALL COMPLY WITH THE NHDES SECTION 444 OF THE SPECIFICATIONS.
14. LIME SHALL CONFORM TO NHDES SPECIFICATIONS, DIV. 600, SEC. 642 "LIMESTONE". LIMESTONE SHALL BE APPLIED BY EITHER THE DRY OR HYDRALITE METHOD AS DESCRIBED IN NHDES DIV. 600, SEC. 644.2.5. THE AMOUNT OF LIMESTONE APPLIED SHOULD BE BASED ON EVALUATION OF SOIL TESTS CONDUCTED BY THE CONTRACTOR. THE MINIMUM RATE OF 2 TONS PER ACRE OR 100 LBS PER 1000 SQ. FT. SHALL BE APPLIED IF REQUIRED.
15. FERTILIZER TO BE USED MUST BE THE EQUIVALENT OF A 15-15-15 MIXTURE AND SHALL BE REVIEWED BY THE ENGINEER. FERTILIZER SHALL CONFORM TO NHDES SPECIFICATIONS DIV. 600, SEC. 643 "FERTILIZER FOR GRASSES". KINDS AND AMOUNTS OF FERTILIZER SHOULD BE AMOUNTS APPLIED SHALL BE AS FOLLOWS:  
NITROGEN (N) 150 LBS PER ACRE OR 11 LBS PER 1000 SF.  
PHOSPHATE (P) 3 100 LBS PER ACRE OR 2.2 LBS PER 1000 SF.  
POTASH (K) 10 100 LBS PER ACRE OR 2.2 LBS PER 1000 SF.  
(NOTE: THIS IS THE EQUIVALENT OF 500 LBS PER ACRE OF 10-20-20 FERTILIZER OR 1000 LBS PER ACRE OF 5-10-10)
16. ALL PROPOSED SWALES MUST BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
17. ALL ROADWAYS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
18. ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:  
-BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;  
-A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;  
-A MINIMUM OF 3-IN. OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED; OR  
-EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

**Winter Construction Notes:**

1. ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED BY OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
2. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
3. AFTER OCTOBER 15, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3-INCHES OF CRUSHED GRAVEL PER NHDES ITEM 504.1.

August 2023 project no. 1161 checked by A.J.S. date	August 2023 project no. 1161 checked by A.J.S. date	August 2023 project no. 1161 checked by A.J.S. date	August 2023 project no. 1161 checked by A.J.S. date
Granite State Landfill, LLC Dalton, New Hampshire NHDES Shoreland Permit		Erosion Control Details	
drawing no. 4		sheet 4 of 4	