

SECTION 3.0

Project Summary

PROJECT DESCRIPTION:

Casella Waste Systems, Inc. subsidiary, Granite State Landfill, LLC proposes to develop a modern lined landfill facility, known as Granite State Landfill (GSL), off Route 116 in Dalton, New Hampshire. GSL expects to commence operations in 2028 so that there is a seamless transition from the capacity now being provided by North Country Environmental Systems, Inc. (“NCES”), also a Casella Waste Systems, Inc. subsidiary, at its landfill in Bethlehem, New Hampshire, once the NCES facility closes.

The landfill footprint encompasses 70 acres and will provide 18 years of disposal capacity for New Hampshire communities, accepting 600,000 cubic yards of waste per year. Development of the landfill will begin with preparing the site for construction, followed by constructing the initial cell of the landfill in the southernmost portion of the landfill footprint. The landfill project will also require clearing and grubbing, soil excavation and fill placement, new roadways, improvements to existing roadways, landfill infrastructure to include a landfill gas management area, a wastewater management area, stormwater management features, scales, buildings, and other ancillary features. Initial site development will also include road improvements to Douglas Drive and Route 116.

Section 3.1

Needs Statement

SECTION 3.1 - Needs Assessment

The Granite State Landfill, LLC (“GSL”) proposes the construction of a state-of-the-art commercial landfill in Dalton, New Hampshire, to be a successor to the North Country Environmental Services, Inc. (“NCES”) landfill in Bethlehem, New Hampshire, after it exhausts its permitted capacity. The new facility will provide disposal capacity for municipalities and customers currently directing waste to NCES for disposal while also providing a disposal resource for other waste generators in New Hampshire and New England.

The estimated disposal capacity provided by the GSL facility over its projected life is 10.75 million cubic yards. At an estimated waste density of 1,520 pounds per cubic yard, GSL will provide capacity for about 8,170,000 tons of waste. The estimated total of GSL capacity would provide about 18 years of capacity at the projected fill rate of 600,000 annual cubic yards. The disposal capacity at GSL will not only provide uninterrupted service for those more than 50,000 customers throughout 170 New Hampshire communities currently relying on the NCES landfill facility in Bethlehem for disposal, it will also mean that New Hampshire residents will not face increased costs caused by transporting their waste greater distances. In addition, it is important to consider that with the closure of NCES, the customers using that facility will all be looking for new disposal capacity within the same timeframe. The landfill capacity offered by GSL would provide an additional option for disposal for these customers, as well as others in New Hampshire. More options for disposal can help to lessen or avoid escalating tip fees not only because it will help to dampen demand pressures, but also because more options can oftentimes incentivize lower pricing.

As landfills continue to close throughout the northeast, and specifically, as New Hampshire nears the notable reduction of its long-term capacity at several of its facilities (Table 3 below is an excerpt of the NHDES Biennial Solid Waste Report (November 2022)), development of additional capacity in the region is essential. The New Hampshire Department of Environmental Services 2020-2021 Biennial Solid Waste Report estimates that New Hampshire’s disposal capacity may fall short of projected disposal need starting in 2034 and such shortfall is expected to range between about 950,000 tons in 2035 to about 990,000 tons by 2041 assuming that the Turnkey facility reaches the end of its currently permitted capacity and that no additional capacity is permitted. By offsetting upcoming closures with new capacity, New Hampshire businesses and residents can rely upon sustainable environmental and economic benefits provided by stability in the marketplace. With the other solid waste disposal facilities in the state already taking the maximum amount of waste they are allowed to take under their permits, it is unclear where the waste now going to the NCES facility would be disposed. GSL is poised to serve as a successor to NCES and its customers to provide continuous service in the North Country. Indeed, the total of towns and cities utilizing the disposal services of NCES, either directly or through affiliated or unaffiliated intermediaries has recently increased from a historical number of 154 to 170 due to acquisitions. Because GSL is located less than ten miles away from the NCES landfill, GSL is well-positioned to provide the same quality service to these cities and towns after the NCES facility closes.

Table 3. Active New Hampshire Disposal Facilities, Listed by Earliest Anticipated Closure Date

Facility Type	Facility Name	Location	Service Type / Service Area	Earliest Anticipated Closure Date
Waste-to-Energy Incinerator	Wheelabrator Concord Company L.P.	Concord, NH	Commercial / Unlimited	None
Incinerator (no resource recovery)	Hebron-Bridgewater Refuse District	Bridgewater, NH	Limited Public / Limited	None
Landfill	Four Hills Secure Landfill Expansion	Nashua, NH	Limited Public / Limited	April 15, 2023 ¹³
	North Country Environmental Services, Inc.	Bethlehem, NH	Commercial / Unlimited	December 31, 2026 ¹⁴
	Lebanon Regional Solid Waste Facility	Lebanon, NH	Limited Public / Limited	est. 2030 ¹⁵
	TLR-III Refuse Disposal Facility	Rochester, NH	Commercial / Unlimited	June 30, 2034 ¹⁶
	Lower Mount Washington Valley Secure Solid Waste Landfill	Conway, NH	Limited Public / Limited	est. 2038 ¹⁷
	Mount Carberry Secure Landfill	Success, NH	Commercial / Unlimited	December 31, 2041 ¹⁸

If the GSL facility is permitted, the facility will add significant value to New Hampshire residents. The GSL facility will anchor an integrated waste and resource management system in the region in which a majority of the waste accepted will originate from New Hampshire residents and businesses. Casella Waste Systems, Inc. (“CWS”), the parent company of both GSL and NCES, owns or operates six transfer stations (Bethlehem, Newport, Lebanon, Belmont, Allenstown, and Raymond) where waste and recyclables are or have been consolidated from municipalities, businesses, residents, and numerous waste haulers and transported to the NCES landfill for disposal in Bethlehem, while recyclables are exported to facilities in Vermont and Massachusetts. NCES also has a business relationship with Monadnock Disposal Services (“MDS”) in Jaffrey, which is a private hauler and transfer station operator not affiliated with CWS. The MDS transfer station serves 58 communities in the south-central portion of the state. NCES is one of four disposal facilities used by MDS.

If the GSL facility is permitted, CWS will construct a new materials recovery facility for recyclables in southern New Hampshire to complement operations of the landfill facility and further advance the state’s goals and hierarchy. The new MRF is expected to process approximately 40,000 tons of recyclables per year, which would include approximately 29,000 tons of materials collected in New Hampshire that are currently processed at another facility in Massachusetts. The new facility will thus reduce the time and costs associated with delivering New Hampshire recyclables from the curb to the recovery center, and it will also incentivize additional recycling by New Hampshire municipalities and businesses. The goal would be to source another 11,000 tons annually from New Hampshire municipalities and businesses, thus promoting recycling and diverting additional waste from landfills to pursue the new solid waste diversion goal. The climate change impact associated with recycling this additional volume of materials is significant, creating a reduction in greenhouse gas emissions of

29,441 metric tons of carbon dioxide equivalent annually based on the US EPA Warm Model. GSL also proposes implementing a focused strategy comprised of several proposals that would assist the state in implementing the eight goals of the State's 2022 Solid Waste Management Plan.

Development and operations of the GSL landfill will also provide economic benefits to the state and region in the form of jobs, wages, and significant local community benefits to the town of Dalton. The MRF operations will also contribute economic benefits to the state and southern New Hampshire region, as well as assist the state's progress towards waste diversion and recycling goals discussed above. Key economic benefits of the GSL facility and the MRF are included below¹:

- The GSL landfill will employ 19 workers with \$1.3 million (fixed 2023) in annual payroll. Indirect and induced spending will support an additional 25 jobs per year and approximately \$1.38 million in additional payroll.
- In total, the operations of the GSL landfill will support an estimated 44 jobs and over \$2.6 million in payroll per year in New Hampshire. Over the course of the 18-year operations period, this amounts to \$48 million in total payroll and nearly 800 job years.
- Capital spending on development and construction of the landfill facility will support a total of 364 job years and \$25 million in total earnings. This is inclusive of 212 job years and \$14 million in earnings from initial development and construction spending, as well as 152 job years and \$11 million in earnings as a result of capital spending during project operations.
- A new MRF facility in southern New Hampshire will support a total of 58 jobs and \$3.3 million in payroll per year totaling over 1,000 job years and \$59 million in payroll over the 18-year operations period of the GSL landfill.
- Under a proposed host community agreement, the town of Dalton would receive at least \$2.2 million annually in direct payments and value of services amounting to nearly \$40 million over the 18-year operations period.
- The benefit provided by the project from avoided costs for current NCES customers would range from \$3.2 million to \$5.2 million annually under the scenario that existing in-state landfills are able to absorb this capacity. The change in cost to NCES customers if forced to look to out-of-state disposal is estimated to be at least \$12 million annually.
- In consideration of projected shortfalls of in-state capacity expected over the next decade, the benefit from avoided costs from the project compared to an alternative disposal site out-of-state (upstate NY) are estimated to be at least \$16 million assuming 51% of the project's capacity is utilized by in-state waste. If all of the project's new capacity is utilized to offset the state shortfalls, the estimated avoided costs per year would total at least \$32 million. These assumptions assume constant price levels and diversion rates.

¹ Source: The Economic Importance of the Granite State Landfill Prepared For Granite State Landfill, LLC and Casella Waste Systems, Inc., Wallace Economic Advisers, LLC (December, 2023)

Section 3.2

Project Milestone Summary

GRANITE STATE LANDFILL PROJECT MILESTONE SUMMARY

Granite State Landfill LLC
Dalton, New Hampshire

This table summarizes major project milestones for the proposed Granite State Landfill in Dalton, New Hampshire.

Date	Project Milestone
2015-2016	<ul style="list-style-type: none"> • CMA Engineers (CMA) evaluates potential sites in New Hampshire for new landfill operations. Carroll East and Carroll West candidate sites identified • CMA's evaluation of potential sites put on hold for NCES to pursue March 2017 Bethlehem Town Meeting vote
March 18, 2017	<ul style="list-style-type: none"> • Bethlehem Town Meeting – Change of zoning voted down which would allow NCES expansion beyond current zoning district
March 2017	<ul style="list-style-type: none"> • GSL engages CMA to resume statewide search for potential new sites; Chick Sand & Gravel property in Dalton identified as possible candidate • GSL representatives begin discussions with Chick Sand & Gravel property owner
2018	Initiation of field monitoring and study
February 21, 2018	GSL engages technical representatives from B.H. Keith, Horizons Engineering, CMA, and Sanborn Head & Associates (Sanborn Head) to walk Chick Sand & Gravel property
March 13, 2018	Bethlehem Town Meeting – Change of zoning voted down foreclosing possibility of NCES expansion beyond current zoning district
March 2018	<ul style="list-style-type: none"> • GSL engages CMA to begin preliminary concept development on Chick Sand & Gravel property • As part of CMA's on-going statewide evaluation, Shelburne property identified as potential site
April 2018	GSL engages B.H. Keith to begin mapping wetlands at Chick Sand & Gravel property
Summer-Fall 2018	Drilling to install groundwater monitoring wells at Chick Sand & Gravel property; On-going field monitoring and study activities
September 26, 2018	Property owner submits Standard Dredge and Fill Permit Application filed with NHDES for wetlands crossings to access proposed monitoring well locations
October 17, 2018	NHDES issues Request for More Information on Permit Application
October 26, 2018	Property owner responds to NHDES' Request for More Information
November 5, 2018	Wetland Permit 2018-03038 approved by NHDES to allow access to proposed monitoring well locations
November 2018	<ul style="list-style-type: none"> • Wetlands crossings installed by site owner in accordance with the Wetland Permit • Drilling to install groundwater monitoring wells at Chick Sand & Gravel property
December 11, 2018	Purchase and Sales Agreement with Chick Sand & Gravel property owner; recorded with Grafton County Registry of Deeds on January 28, 2019
2019	On-going field monitoring and study
May 30, 2019	Pre-application kick-off meeting at NHDES offices in Concord, NH with NHDES, NHF&G, USACOE, and USEPA representatives to present project overview
Summer 2019	GSL coordinates Purchase and Sales Agreement with Chick Sand & Gravel property owner
August 7, 2019	Meeting at NHDES offices in Concord, NH with Wetlands Bureau and Water Division representatives to discuss permitting process

GRANITE STATE LANDFILL PROJECT MILESTONE SUMMARY

Granite State Landfill LLC
Dalton, New Hampshire

Date	Project Milestone
September 27, 2019	Letter from Mr. Thomas O'Donovan, P.E. (Director, NHDES Water Division) to Mr. Joe Gay, E.I. (GSL) regarding information to be included in wetlands permit application
October 29, 2019	Site visit to NCES Facility (Bethlehem) and Chick Sand & Gravel property (Dalton) with representatives from NHDES Wetlands Bureau, GSL, B.H. Keith, CMA, and Sanborn Head
Fall 2019	<ul style="list-style-type: none"> • GSL engages CMA to begin Wetland Permit Level Landfill Design at Chick Sand & Gravel property • Drilling to install additional groundwater monitoring wells/piezometers at Chick Sand & Gravel property
2020	On-going field monitoring and study activities
January 22, 2020	Meeting at NHDES offices in Concord, NH with Wetlands Bureau and Water Division representatives to discuss wetlands permitting process
March 2, 2020	Town of Dalton Select Board meeting - February 26, 2020 draft Host Community Agreement from GSL is read by Board
March 2020	Stage VI NCES landfill application materials submitted to NHDES; application represents the final NCES expansion within the approved Town zoning limits
July 8, 2020	Pre-application meeting at USACOE offices in Concord, MA (USEPA and NHDES join via web meeting)
August 2020	NHDES Wetlands Application filing (#2020-02239)
August 31, 2020	Site visit with representatives from GSL, USACOE, and USEPA
November 2, 2020	Site visit with Dalton Conservation Commission
November 18, 2020	NHDES Issues RFMI Letter
2021	On-going field monitoring and study activities
January 15, 2021	GSL Response to RFMI and request for 60 days to submit complete response
January 8, 2021	Second site visit with Dalton Conservation Commission
March 17, 2021	GSL provides supplemental information to NHDES
April 5, 2021	NH Natural Heritage Bureau review letter.
April 14, 2021	GSL and NHDES agree on extension deadline until June 24, 2021 for transmittal of additional Wetlands application information
May 21, 2021	Site Visit with Representatives of GSL, NHDES, USACOE, and USEPA.
June 17, 2021	GSL Letter to NHDES Regarding Dalton Conservation Commission's June 4, 2021 Letter
June 24, 2021	NHDES Publishes Notice of Public Hearing
July 14, 2021	Public Hearing at White Mountains Regional High School, Whitefield, NH
July 20, 2021	Wetlands Application meeting at NHDES offices in Concord, NH
July 23, 2021	Wetlands Application meeting at NHDES offices in Portsmouth, NH
August 2, 2021	NHDES Letter to NHDNCR Division of Parks and Recreation regarding proposed GSL Project
August 11, 2021	NHDES provides notice of Public Comment period extension

GRANITE STATE LANDFILL PROJECT MILESTONE SUMMARY

Granite State Landfill LLC
Dalton, New Hampshire

Date	Project Milestone
August 19, 2021	Wetlands Application meeting at NHDES offices in Concord, NH
September 13, 2021	Extended Deadline for Public Comments to Wetlands Application
October 26, 2021	GSL and NHDES agree on extension deadline until December 15, 2021 for provision of additional information by December 15, 2021
December 2, 2021	Wetlands Application meeting at NHDES offices in Concord, NH
December 10, 2021	GSL Letter to NHDES Withdrawing Application (#2020-02239)
December 13, 2021	NHDES Letter to GSL Acknowledging Withdrawal of Wetland Application (#2020-02239)
Start of Current Project	
2022	Re-design of Project into a single-phase landfill; On-going field monitoring and study activities
June 9, 2022	GSL Baseline Environmental Studies Sampling and Analysis Plan transmitted to NHDES
June 23, 2022	NHDES Comments to GSL Baseline Environmental Studies Sampling and Analysis Plan
July 20, 2022	Revised GSL Baseline Environmental Studies Sampling and Analysis Plan transmitted to NHDES based on June 23, 2022 comments
September 22, 2022	NHDES Comments to June 20, 2022 Revised GSL Baseline Environmental Studies Sampling and Analysis Plan
November 22, 2022	Site visit with NHDES Wetlands, 401, and Solid Waste representatives
2023	On-going field monitoring and study activities
April 19, 2023	Wetlands Pre-Application meeting at NHDES offices in Concord, NH (USEPA and NHDES join via web meeting)
May 19, 2023	GSL Provides Supplemental Pre-Application Information to NHDES
August 18, 2023	NHDES Letter to GSL Regarding Pre-Application Information (Record Number: PA23-00171)
September 25, 2023	401 Pre-Application Meeting at NHDES offices in Concord, NH
September 29, 2023	Site visit with NH Fish & Game representatives
October 9, 2023	GSL request for Supplemental Pre-Application Meeting
October 23, 2023	Extension of November 5, 2018 wetlands crossing application (#2018-03038)
November 14, 2023	Notifications to Dalton Conservation Commission and Ammonoosuc River LAC
November 14, 2023	Solid Waste Application Review Kick-off at NHDES offices in Concord, NH
November 16, 2023	Wetlands Pre-Application Meeting at NHDES offices in Concord, NH
November 28, 2023	Notifications to Abutters regarding Wetlands Permit Application
December 2023	NHDES Wetlands Application filing

Notes:

GSL = Granite State Landfill LLC
NHDES = New Hampshire Department of Environmental Services
NHF&G = New Hampshire Fish and Game

USACOE = US Army Corps of Engineers
USEPA = US Environmental Protection Agency

Section 3.3

General Project Summary

Section 3.3

Project Summary and Work Sequence

Consistent with the requirements of Env-Wt 311.06(d), the information below provides a summary from the Solid Waste Application regarding work sequence, including pre-construction through postconstruction, and the relative timing and progression of all work. For more detailed information regarding the project design and construction, refer to the Solid Waste and Alteration of Terrain Applications. Section 14 of this Standard Wetland Application includes design drawings for the project.

Background

This Standard Permit application covers project development which will consist of 70 acres of lined landfill footprint, the site infrastructure area, perimeter access roads, stormwater ponds, and improvements to Douglas Drive and NH Route 116.

The Granite State Landfill will be developed for an operating period of 2028 to 2046 and will provide 10,750,000 cubic yards of capacity. GSL intends to construct the landfill in two stages, each with three cells, over the term of this permit. GSL will need construction approval from NHDES-Waste Management Division (WMD) for each landfill capacity development in the form of a Type II Permit Modification to the Standard Permit. It is expected that the expansions will be developed as depicted and sequenced on the enclosed plans (Section 14).

The landfill will be constructed as a double-lined landfill conforming to WMD rules and requirements. GSL is proposing to enhance the performance of the conventional high-density polyethylene (HDPE) liners with the addition of a geosynthetic clay liner to form a composite primary liner with superior barrier properties.

Leachate will drain to a single sump at the southern low point of the landfill. Leachate will be removed from the landfill by pumping via two 3-inch HDPE forcemains (dual-walled 3x6 forcemain outside of the lined landfill footprint) along the alignment of Douglas Drive approximately 3,000 feet to the site infrastructure area, located south of the landfill. Leachate from the secondary collection system will be measured for each of the two Stages at the landfill's pump station before being discharged to the landfill's primary leachate collection system. Leachate will be transported off-site for treatment.

The site infrastructure area, as depicted on the enclosed site plans, will consist of a leachate storage tank, truck scales, an equipment maintenance garage, operations office, and a gas blower station and flare. The infrastructure area is sized to accommodate a second leachate storage tank and possible future leachate treatment and landfill gas processing facilities. The location is proposed to include a truck odor station for truck traffic leaving the facility which will spray the trailers with odor neutralizing agents. Adjacent to the maintenance building, GSL is proposing a water fill station, which will allow for a dedicated location for the water truck to fill to aid in efficient dust control. Water from the station will be from a nearby high-volume supply well that will also provide potable water for the site. GSL will also be able to pump directly from the stormwater pond network.

GSL will locate an area adjacent to the maintenance building to manage segregated recyclables that are pulled from incoming waste to be removed from the site as they accumulate. Wastewater generated by restroom facilities in the maintenance garage, operations office, and scale house will drain to an HDPE pump station manhole that will transfer wastewater to the leachate storage tank via HDPE forcemain. There will be no septic systems proposed at the site. An emergency generator is located in the infrastructure area. The generator and site electric distribution system is designed to power the entire site in the event of a loss of power from the electric utility.

The proposed project will improve the existing access road (Douglas Drive) by widening to an overall width of 32 feet, installing new pavement along the length from NH Route 116 through the infrastructure area – approximately 1.25 miles, and replacing the existing culverts with larger, appropriately sized culverts. Two open-water crossings are proposed along the Douglas Drive Alignment over existing unnamed streams utilizing box culverts appropriately sized for wildlife crossing. The improvements to Douglas Drive will also include a 230' x 175' truck pull-off area where trucks can do a final check of their loads if needed before entering the facility or temporarily drop-off empty or dual containers. Retaining wall systems are utilized at crossing locations to minimize wetland impacts.

The project will also require improvements to Route 116 by adding a deceleration lane from the Whitefield (east) side of Douglas Drive. A traffic study that considers impacts of the proposed project on public roads is provided as Attachment V(5) to the Solid Waste Permit Application submitted to NHDES in October 2023. The traffic study supports the driveway permit application which was submitted to the New Hampshire Department of Transportation (NHDOT) in October 2023.

Design drawings and technical specifications are included in Section 14 of this application. Refer to the Solid Waste Permit Application for supporting design calculations and the landfill final grading plan contained in the accompanying Closure Plan. The Closure Plan includes closure details, technical specifications for proposed cap materials, and closure construction and post closure care costs.

Construction

Construction of the initial cell of the landfill and associated infrastructure is expected to begin in 2025 and continue into 2027. As described in this Standard Dredge and Fill Wetlands permit application, approximately 11.5 acres of wetlands (10.2 acres of permanent, 0.5 acres of temporary, and 0.9 acres of after-the-fact wetlands) will be impacted within the footprint of the landfill and associated infrastructure. GSL anticipates filling these wetlands sequentially as the project develops. Wetlands permits are issued by NHDES for a 5-year term, which can be extended another 5 years upon request.

Upon approval from NHDES Waste Management Division (WMD) through one or more Type II permit modifications, GSL expects to begin construction of the Douglas Drive improvements and components of the site infrastructure area. GSL would subsequently begin construction of the first landfill cell with expectations that operations can begin around the time the NCEC landfill is filled in 2027/2028.

The expected work and sequencing for construction would include:

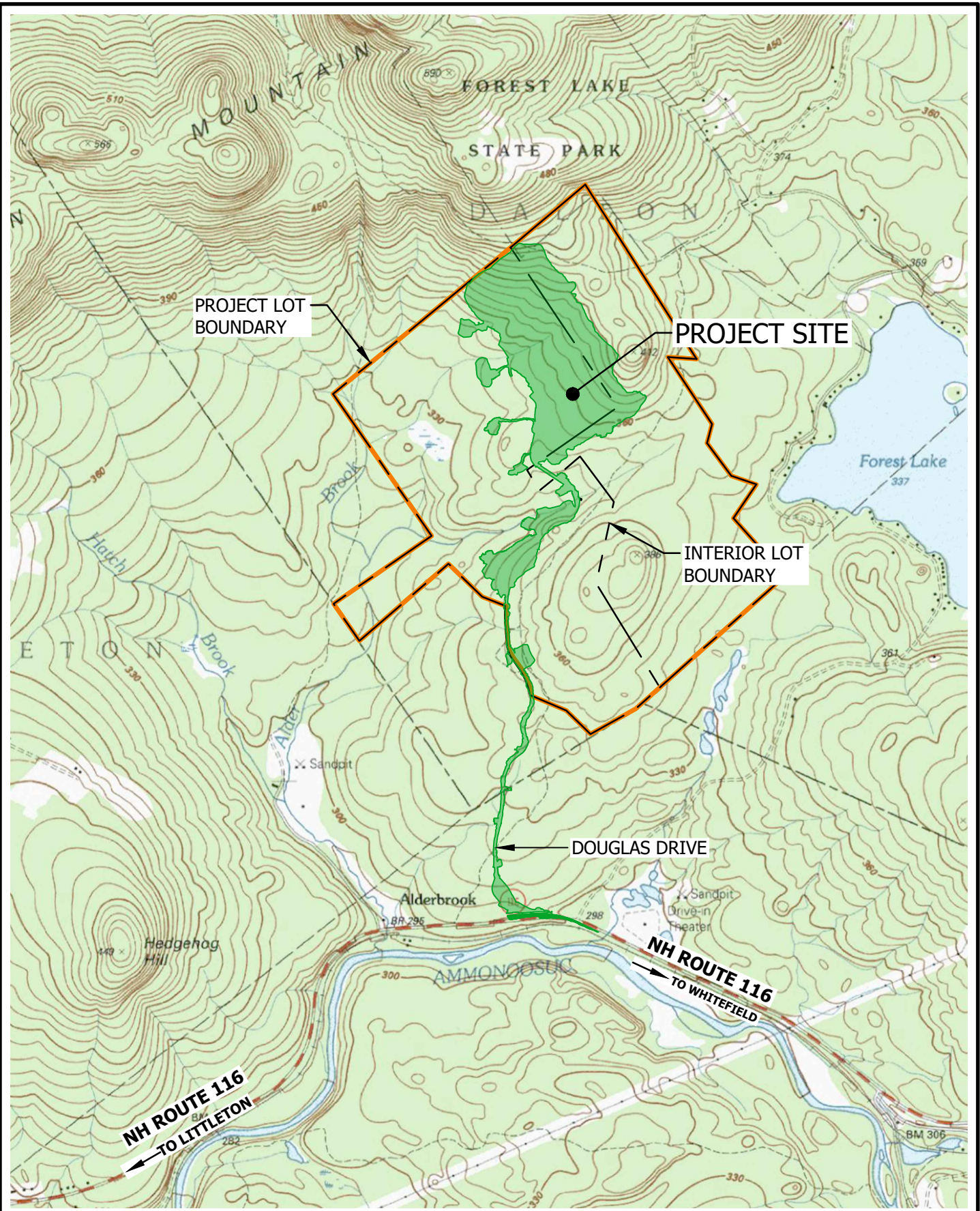
- Solid Waste Permit modification for initial construction approval (2025)
- Erosion controls and stormwater infrastructure (2025)
- Improvements at site entrance and NH Route 116 (2025)
- Improvements to Douglas Drive (2025/2026)
- Roadway, Infrastructure Area, Stage 1, Cell 1 earthwork (2025/2026)
- Landfill berms and access roads (2026)
- First landfill cell (Stage 1, Cell 1) – 16.1-acre lined landfill footprint (2026/2027)
- Leachate and landfill gas conveyance piping and other utilities (2026/2027)
- Stage 1, Cell 1 Operations (2028)
- Stage 1, Cells 2 & 3 (2031/2034)
- Remaining wetland filling of Stage 2 footprint (2033)
- Stage 2, Cells 1/2/3 (2037/2040/2043)

The landfill has been designed and sequenced such that waste excavation should not be required as each stage of the landfill is developed. GSL will extend primary and secondary leachate piping to the new stages as they are developed from south to north. As shown on the fill sequencing plans, a new internal access road will be built into the waste within each cell to access active waste disposal areas as cell development progresses. These internal access roads will be filled over when operating in the subsequent cell. External access to new cells will be from extensions to the perimeter road as the landfill is developed.

SECTION 4.0

USGS Locus Plan

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GRANITE STATE LANDFILL, LLC
DALTON, NEW HAMPSHIRE

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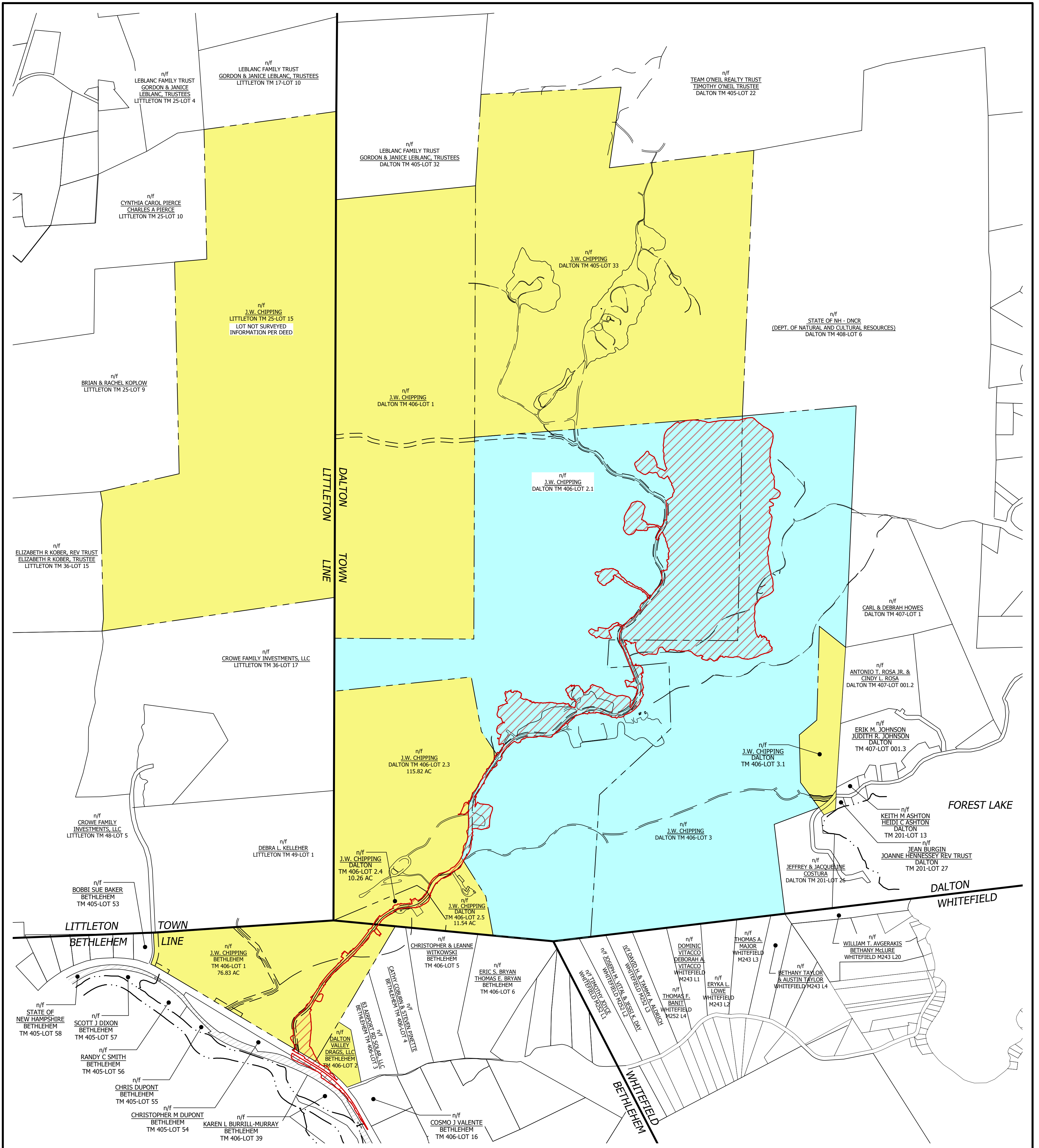
PROJECT #:	19045
DRAWN BY:	BHK/KRP
DATE:	NOV 2023

SECTION 5.0

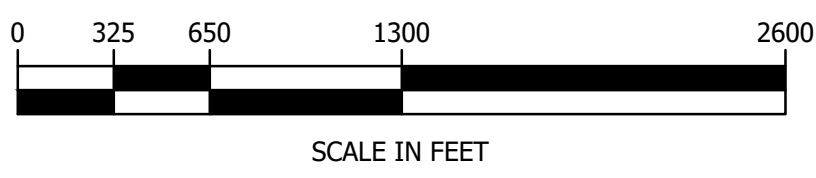
**Tax Map, Abutter List, Abutter Notice Letter
& Certified Mail Receipts**

Section 5.1

Tax Map



THIS ABUTTER MAP WAS PREPARED FOR THE SOLID WASTE APPLICATION AND IS ALSO BEING USED FOR NOTIFICATIONS OF THE WETLAND APPLICATION BECAUSE IT INCLUDES A BROADER DEFINITION OF ABUTTERS TO THE PROJECT (E.G., PROPERTIES THAT ARE MORE THAN A QUARTER MILE FROM THE LIMIT OF WORK). ACTUAL ABUTTERS TO THE PROJECT UNDER THE WETLAND RULES ARE DEFINED IN ENV-WT 102.03.



LEGEND	
	PROPERTY LINE
	ABUTTER LINE
	EDGE OF LAKE OR RIVER
	RIGHT OF WAY
	SUBJECT PARCELS FOR APPLICATION
	NON SUBJECT PARCELS (SAME OWNER AS SUBJECT PARCELS)
	PROJECT LIMIT

PART Env-Sw 102 SOLID WASTE RULE DEFINITIONS:

Env-Sw 102.01 "Abutter" means "abutter" as defined by RSA 149-M:4, I, namely "any person who owns property adjacent to, or across a road, railroad, or stream from the property on which a solid waste facility may be permitted."
 Source: (See Revision Note at chapter heading for Env-Sw 100) #8460-B, eff 10-28-05

**NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES
 DEFINITION OF ABUTTER (Rule effective 12-15-2019)**

- Env-Wt 102.03 "Abutter" means any person who holds title to abutting property or who owns flowage rights on abutting property.
- Env-Wt 102.04 "Abutting property" means any property immediately contiguous to the property on which a project has occurred or is proposed, provided that:
- The term does not include any property that is separated by a public road from the property on which a project has occurred or is proposed, or that is more than 1/4-mile from the limits of the work or proposed work;
 - For any project located on the shoreline of a surface water body, the term includes any property within 100 feet of the shoreline impact in any direction;
 - For any project that will impact a watercourse, the term includes any property within 100 feet upstream or downstream of the impact area; and
 - If an abutting property is owned in whole or in part by the person who undertook the work or is proposing to undertake the work, or is necessary to meet a frontage requirement, the term includes the next contiguous property, subject to the 1/4-mile limitation.

ABUTTER EXHIBIT

GRANITE STATE LANDFILL, LLC
 DALTON, NEW HAMPSHIRE
 NHDES WETLAND APPLICATION
 NOVEMBER 2023

ABUTTER PLAN



PROJECT #:	19045	NO.	DATE	REVISION DESCRIPTION	ENG	DWG
DATE:	NOV. 2023					
SURVEYED BY:	HEI					
ENGINEERED BY:	CMA					
DRAWN BY:	SJB/BDD/KRP					
CHECKED BY:	ESP/BHK					

Section 5.2

Abutter List

Abutter List

Name	Address	Tax Map & Lot
Dalton Valley Drags, LLC	104 Douglas Drive, Bethlehem, NH 03574	406-2 Bethlehem
Team O'Neil Realty Trust	178 Miller Road, Dalton NH, 03598	405-22 Dalton
Leblanc Family Trust	132 Chine Way, Osterville MA, 02655	405-32 Dalton
Jeffrey & Jacqueline Costura	PO Box 47, Pelham NH, 03076-0047	201-26 Dalton
Ammonoosuc Asphalt	PO Box 956, Littleton NH, 03561	406-3A Dalton
Antonio T. Rosa Jr. & Cindy L. Rosa	106 Peters Lane, Rockfall CT, 06481	407-1.2 Dalton
Carl & Debrah Howes	2 Glenview Drive, Hudson NH, 03051	407-1 Dalton
State of NH- DNCR	172 Pembroke Road, Concord NH, 03301	408-6 Dalton
Erik M. Johnson & Judith R. Johnson	25 Twin Diamond Drive, Bridgewater MA, 02324	407-1.3 Dalton
Keith M. Ashton & Heidi C. Ashton	7 Over Rock Lane, Westport CT, 06880	201-13 Dalton
Joanne Hennessey REV Trust	12 Spring Street, Whitefield NH, 03598	201-27 Dalton
Timothy Joyce	6020 Hidden Row Avenue El Paso, TX 79924	252-1 Whitefield
Joseph M Vital & Jessi K Day	509 West Side Road, Bethlehem NH, 03574	252-2 Whitefield
David H. & Tammy A. Aldrich	517 West Side Road, Bethlehem NH, 03574	252-3 Whitefield
Thomas F. Banit	529 West Side Road, Bethlehem NH, 03574	252-4 Whitefield
Dominic & Deborah H. Vitacco	535 West Side Road, Bethlehem NH, 03574	243-1 Whitefield
Eryka L. Lowe	549 West Side Road, Bethlehem NH, 03574	243-2 Whitefield
Thomas A. Major	6 Fairhaven Ave, Warwick RI, 02889	243-3 Whitefield
Bethany Taylor & Austin Taylor	573 West Side Road, Bethlehem NH, 03574	243-4 Whitefield
William T Avgerakis & Bethany McLure	44 Rector Street, Metuchen NJ, 08840	243-20 Whitefield
83 Airport Rd Solar LLC	120 Front Street, Marion MA, 02738	406-3 Bethlehem
Cathy Coburn & Steve Pinette	103 Pine St, Mansfield MA, 02048	406-4 Bethlehem
Bobbi Sue Baker	739 Whitefield Road, Bethlehem NH, 03574	405-53 Bethlehem
Chris Dupont	24 West Highland Ave, Cumberland RI, 02864	405-54 Bethlehem
Chris Dupont	24 West Highland Ave, Cumberland RI, 02864	405-55 Bethlehem
Randy C. Smith & Andrea Jeanne Matott Smith	PO Box 36, Bethlehem NH, 03574	405-56 Bethlehem
Scott J. Dixon	58 Berkshire Rd, Lisbon NH, 03585	405-57 Bethlehem
Eric S. Bryan & Thomas E. Bryan	205 West Forest Lake Road, Bethlehem NH, 03574	406-6 Bethlehem
Christopher & Leanne Witkowski	30 Harland Drive, Pelham NH, 03076	406-5 Bethlehem
Cosmo J. Valente	24 High Street, Somerville MA, 02144	406-16 Bethlehem
Karen L. Burrill-Murray	24 Maple Ave, Foxborough MA, 02035	406-39 Bethlehem
NH Renewable Power Bethlehem LLC	1185 Ave of the Americas, 9th Floor, New York NY, 10036	406-39-99 Bethlehem
State of NH Dept of Resources & Economics	172 Pembroke Road, Concord NH, 03301	405-58 Bethlehem
Crowe Family Investments, LLC	PO Box 455, Littleton NH, 03561	36-17, 48-5 Littleton
Debra L Kelleher	825 Whitefield Road, Bethlehem NH, 03574	49-1 Littleton
Elizabeth R Kober Rev Trust	279 Wilkins Farm Rd, Littleton NH, 03561	36-15 Littleton
Bryan Koplou & Rachel Koplou	1322 Manns Hill Rd, Littleton NH, 03561	25-9 Littleton
Leblanc Family Trust	132 Chine Way, Osterville MA, 02655	25-4, 17-10 Littleton
Cynthia Carol Pierce & Charles A. Pierce	5 Cefalo Rd, West Roxbury MA, 02132	25-10 Littleton
J.W. Chipping	104 Douglas Drive, Bethlehem, NH 03574	406-1 Bethlehem, 25-15 Littleton, 406-1,2,3,2.4,2.5, 3.1, 405-33 Dalton

Note:

This abutter list was prepared for the solid waste application and is also being used for notifications of the wetland application because it includes a broader definition of abutters to the project (e.g., properties that are more than a quarter mile from the limit of work). Actual abutters to the project under the wetland rules are defined in Enw-Wt 102.03.

Section 5.3

Notice Letters



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

83 Airport Rd Solar LLC
120 Front St
Marion, MA 02738
Bethlehem Tax Map 406 – Lot 3

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear 83 Airport Rd Solar LLC,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

David H. & Tammy A. Aldrich
517 West Side Road
Bethlehem, NH 03574
Whitefield Tax Map 252 – Lot 3

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear David H. & Tammy A. Aldrich,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Ammonoosuc Asphalt
PO Box 956
Littleton, NH 03561
Dalton Tax Map 406 – Lot 3A

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Ammonoosuc Asphalt,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Keith M. Ashton & Heidi C. Ashton
7 Over Rock Lane
Westport, CT 06880
Dalton Tax Map 201 – Lot 13

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Keith M. Ashton & Heidi C. Ashton,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

William T Avgerakis & Bethany McLure
44 Rector Street
Metuchen, NJ 08840
Whitefield Tax Map 243 – Lot 20

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear William T Avgerakis & Bethany McLure,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Bobbi Sue Baker
739 Whitefield Road
Bethlehem, NH 03574
Bethlehem Tax Map 405 – Lot 53

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Bobbi Sue Baker,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Thomas F. Banit
529 West Side Road
Bethlehem, NH 03574
Whitefield Tax Map 252 – Lot 4

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Thomas F. Banit,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Eric S. Bryan & Thomas E. Bryan
205 West Forest Lake Road
Bethlehem, NH 03574
Bethlehem Tax Map 406 – Lot 6

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Eric S. Bryan & Thomas E. Bryan,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

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The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Karen L. Burrill-Murray
24 Maple Ave
Foxborough, MA 02035
Bethlehem Tax Map 406 – Lot 39

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Karen L. Burrill-Murray,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

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Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

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

Bethlehem Tax Map 406 Lot 1; Littleton Tax Map 25 Lot 15; Dalton Map 406 Lots 1, 2.3, 2.4, 2.5, 3.1 & 3A

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear J.W. Chipping,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

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Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Cathy Coburn & Steve Pinette
103 Pine St
Mansfield, MA 02048
Bethlehem Tax Map 406 – Lot 4

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Cathy Coburn & Steve Pinette,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

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Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Jeffrey & Jacqueline Costura
PO Box 47
Pelham, NH 03076-0047
Dalton Tax Map 201 – Lot 26

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Jeffrey & Jacqueline Costura,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

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Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Crowe Family Investments, LLC
PO Box 455
Littleton, NH 03561
Littleton Tax Map 36 – Lot 17; Littleton Tax Map 48 – Lot 5

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Crowe Family Investments, LLC,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

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The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Dalton Valley Drags, LLC
104 Douglas Drive
Bethlehem, NH 03574
Bethlehem Tax Map 406 – Lot 2

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Dalton Valley Drags, LLC,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Scott J. Dixon
58 Berkshire Road
Lisbon, NH 03585
Bethlehem Tax Map 405 – Lot 57

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Scott J. Dixon,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Chris Dupont
24 West Highland Ave.
Cumberland, RI 02864
Bethlehem Tax Map 405 – Lot 55; Bethlehem Tax Map 506 – Lot 54

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Chris Dupont,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Joanne Hennessey REV Trust – Jean Burgin, Trustee
12 Spring Street
Whitefield NH, 03598
Dalton Tax Map 201 – Lot 27

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Jean Burgin, Trustee,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Carl & Debrah Howes
2 Glenview Drive
Hudson, NH 03051
Dalton Tax Map 407 – Lot 1

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Carl & Debrah Howes,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Erik M. Johnson & Judith R. Johnson
25 Twin Diamond Drive
Bridgewater, MA 02324
Dalton Tax Map 407 – Lot 1.3

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Erik M. Johnson & Judith R. Johnson,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Timothy Joyce
6020 Row Avenue
El Paso, TX 79924
Whitefiled Tax Map 252 – Lot 1

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Timothy Joyce,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Debra L. Kelleher
825 Whitefield Road
Bethlehem, NH 03574
Littleton Tax Map 49 – Lot 1

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Debra L. Kelleher,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Elizabeth R Kober Rev Trust
279 Wilkins Farm Rd
Littleton, NH 03561
Littleton Tax Map 36 – Lot 15

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Elizabeth R. Kober, Trustee,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Leblanc Family Trust
132 Chine Way
Osterville MA, 02655

Dalton Tax Map 405 – Lot 32; Littleton Tax Map 25 – Lot 4; Littleton Tax Map 17 – Lot 10

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Gordon & Janice Leblanc,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Eryka L. Lowe
549 West Side Road
Bethlehem, NH 03574
Whitefield Tax Map 243 – Lot 2

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Eryka L. Lowe,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Thomas A. Major
6 Fairhaven Ave.
Warwick, RI 02889
Whitefield Tax Map 243 – Lot 3

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Thomas A. Major,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

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The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

State of NH – DNCR (Department of Natural and Cultural Resources)
172 Pembroke Road
Concord, NH 03301
Dalton Tax Map 408 – Lot 6

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear State of NH – DNCR,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

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Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

NH Renewable Power Bethlehem, LLC
1185 Ave of the Americas – 9th Floor
New York, NY 10036
Bethlehem Tax Map 406 – Lots 39-99

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear NH Renewable Power Bethlehem, LLC,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Cynthia Carol Pierce & Charles A. Pierce
5 Cefalo Road
West Roxbury, MA 02132
Littleton Tax Map 25 – Lot 10

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Cynthia Carol Pierce & Charles A. Pierce,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Antonio T. Rosa Jr. & Cindy L. Rosa
106 Peters Lane
Rockfall, CT 06481
Dalton Tax Map 407 – Lot 1.2

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Antonio T. Rosa Jr. & Cindy L. Rosa,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Randy C. Smith
PO Box 36
Bethlehem, NH 03574
Bethlehem Tax Map 405 – Lot 56

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Randy C. Smith,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

State of NH Dept. of Resources & Economics
172 Pembroke Road
Concord, NH 03301
Bethlehem Tax Map 405 – Lot 58

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear State of NH Dept. of Resources & Economics,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Bethany Taylor & Austin Taylor
573 West Side Road
Bethlehem, NH 03574
Whitefield Tax Map 243 – Lot 4

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Bethany Taylor & Austin Taylor,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Team O'Neil Realty Trust
178 Miller Road
Dalton, NH 03598
Dalton Tax Map 405 – Lot 22

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Timothy O'Neil, Trustee,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Cosmo J. Valente
24 High Street
Somerville, MA 02144
Bethlehem Tax Map 406 – Lot 16

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Cosmo J. Valente,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Dominic & Deborah H. Vitacco
535 West Side Road
Bethlehem, NH 03574
Whitefield Tax Map 243 – Lot 1

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Dominic & Deborah H. Vitacco,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Joseph M Vital & Jessi K Day
509 West Side Road
Bethlehem, NH 03574
Whitefield Tax Map 252 – Lot 2

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Joseph M Vital & Jessi K Day,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering



ESTABLISHED 1975

GRANITE STATE LANDFILL, LLC

1855 VT Route 100 • Hyde Park, VT 05655 p. 802.651.5454 f. 802.888.7931

November 28, 2023

Christopher & Leanne Witkowski
30 Harland Drive
Pelham, NH 03076
Bethlehem Tax Map 406 – Lot 5

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

**RE: Granite State Landfill, LLC
New Hampshire Department of Environmental Services
Water Division, Land Resources Management
Standard Dredge and Fill Wetlands Permit Application**

Dear Christopher & Leanne Witkowski,

Pursuant to RSA 482-A and the New Hampshire Wetland Rules, you are notified that Granite State Landfill, LLC, (“GSL” or the “Applicant”) will be filing an application with the New Hampshire Department of Environmental Services (“NHDES”) for a Standard Dredge and Fill Wetlands Permit on or about November 30, 2023 (the “Application”). The Application, if approved, would permit necessary wetland filling that would allow for the construction of a landfill and support infrastructure, to be situated approximately a mile from the NH Route 116 entrance of Douglas Drive in Dalton, NH (the “Landfill Project”).

The Landfill Project includes a landfill approximately 70 acres in size, and support infrastructure (soil berms, access roads, truck scales, wastewater tanks, piping, a gas flare, operations office, maintenance building, stormwater ponds, etc.) encompassing a total area of disturbance of approximately 147 acres. The Landfill Project proposes improvements to Douglas Drive and to the Douglas Drive entrance at NH Route 116. Wetland disturbance related to the Landfill Project includes a total area of 10.9 acres and is described in further detail in the Application.

The mailing address for the Applicant is: Granite State Landfill, LLC, 1855 Vermont Route 100, Hyde Park, VT 05655. The current owner of the Landfill Project property is Mr. Douglas Ingerson, Jr. Copies of the Application will be available for review at the Town of Dalton Municipal Office, 756 Dalton Road, Dalton, NH, the Town of Bethlehem Municipal Office, 2155 Main Street, Bethlehem, NH, and the NHDES Wetlands Bureau, at 29 Hazen Drive, Concord, NH.

Sincerely,

GRANITE STATE LANDFILL, LLC

John Gay, E.I.
Permits, Compliance & Engineering

Section 5.4

Certified Mail Receipts

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:

Thomas F. Banit
 529 West Side Road
 Bethlehem, NH 03574



9590 9402 8469 3186 6711 35

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5597

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

W

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:

Cathy Coburn & Steve Pinette
 103 Pine St
 Mansfield MA, 02048



9590 9402 8469 3186 6711 04

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5566

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

W

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:

David H. & Tammy A. Aldrich
 517 West Side Road
 Bethlehem, NH 03574



9590 9402 8469 3186 6713 02

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5362

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 checked="" type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" 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

W

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:

Keith M. Ashton & Heidi C. Ashton
 7 Over Rock Lane
 Westport, CT 06880



9590 9402 8469 3186 6710 50

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5386

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 checked="" type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" 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

W

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:

Bobbi Sue Baker
 739 Whitefield Road
 Bethlehem, NH 03574



9590 9402 8469 3186 6713 33

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5324

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

W

mail : tion of for y tion of try line retain prod. deters: to Cert First- First- service price is po is f. li serv service age aut ill litem fee. ar the me ices: service dding ut a hal pan. Fo Form 38 PS Fo 2011

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:

Scott J. Dixon
 58 Berkshire Rd
 Lisbon, NH 03585



9590 9402 8469 3186 6713 88

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5294

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

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:

Debra L. Kelleher
 825 Whitefield Road
 Bethlehem, NH 03574



9590 9402 8469 3186 6710 81

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5498

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

W

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:

Elizabeth R. Kober, Trustee
 279 Wilkins Farm Rd
 Littleton, NH 03561



9590 9402 8469 3186 6710 67

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5542

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

W

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:

Eryka L. Lowe

549 West Side Road

Bethlehem, NH 03574



9590 9402 8469 3186 6711 11

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5580

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature 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 checked="" type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" 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

31

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:

Joanne Hennessey REV Trust

Jean Burgin, Trustee

12 Spring Street

Whitefield, NH 03598



9590 9402 8469 3186 6714 49

2. Article Number (Transfer from service label)

7020 2450 0001 3064 9078

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature 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 checked="" type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™
<input checked="" 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

W1

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:

State of NH - DNCR
 172 Pembroke Road
 Concord, NH 03301



9590 9402 8469 3186 6712 89

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5393

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

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:

Thomas A. Major
 6 Fairhaven Avenue
 Warwick, RI 02889



9590 9402 8469 3186 6713 26

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5355

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

W

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:

Leblanc Family Trust
 Gordon J. Leblanc & Janice L. Leblanc, Trustees
 132 Chine Way - *Osterville, MA 02655*



9590 9402 8469 3186 6712 34

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5535

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

W

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:

Bryan Koplou & Rachel Koplou
 1322 Manns Hill Road
 Littleton, NH 03561



9590 9402 8469 3186 6712 10

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5504

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

W

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:

Dominic & Deborah H. Vitacco
 535 West Side Road
 Bethlehem, NH 03574



9590 9402 8469 3186 6713 19

2. Article Number (Transfer from service label)

7006 3450 0000 8527 9631

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature 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 checked="" type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" 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:

Christopher & Leanne Witkowski
 30 Harland Drive
 Pelham, NH 03076



9590 9402 8469 3186 6713 71

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5287

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature 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 checked="" type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" 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

W

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:

Team O'Neil Realty Trust

Timothy O'Neil Trustee

178 Miller Road

Dalton, NH 03598



9590 9402 8469 3186 6712 65

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5430

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 Priority Mail Express®
 - Adult Signature Restricted Delivery Registered Mail™
 - Certified Mail® Registered Mail Restricted Delivery
 - Certified Mail Restricted Delivery Signature Confirmation™
 - Collect on Delivery Signature Confirmation Restricted Delivery
 - Collect on Delivery Restricted Delivery
 - Insured Mail
 - Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

31

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:

State of NH Department of Resources & Economics

172 Pembroke Road

Concord, NH 03301



9590 9402 8469 3186 6711 66

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5481

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

Valente, Cosmo J.
 24 High Street
 Somerville, MA 02144



9590 9402 8469 3186 6714 01

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5300

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 checked="" type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" 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 (over \$500) | |

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:

Randy C. Smith
 PO Box 36
 Bethlehem, NH 03574



9590 9402 8469 3186 6711 97

2. Article Number (Transfer from service label)

7020 2450 0001 3064 9085

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 checked="" type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" 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 (over \$500) | |

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

31

Domestic Return Receipt

1W1

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:

Ammonoosuc Asphalt
 P.O. Box 956
 Littleton, NH 03561



9590 9402 8469 3186 6714 18

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5256

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

Insured Mail

Insured Mail Restricted Delivery

(over \$500)

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Signature Confirmation™

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

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Signature Confirmation

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

Domestic Return Receipt

W

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:

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



9590 9402 8469 3186 6711 80

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5065

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

Insured Mail

Insured Mail Restricted Delivery

(over \$500)

Priority Mail Express®

Registered Mail™

Registered Mail Restricted Delivery

Signature Confirmation™

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

Signature Confirmation

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

Domestic Return Receipt

1.1

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT

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:

Jeffrey & Jacqueline Costura
 P.O. Box 47
 Pelham, NH 03076-0047



9590 9402 8469 3186 6713 95

2. Article Number (Transfer from service label)
 7021 0350 0000 3526 5416

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 checked="" type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" 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"/> Registered Mail Restricted Delivery (\$500) | |

Domestic Return Receipt

W

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT

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 6713 64

2. Article Number (Transfer from service label)
 7021 0350 0000 3526 5270

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 checked="" type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" 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"/> Registered Mail Restricted Delivery (\$500) | |

Domestic Return Receipt

W

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:

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



9590 9402 8469 3186 6712 58

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5478

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
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

W

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:

Erik Johnson & Judith Johnson
 27 Twin Diamond Drive
 Bridgewater, MA 02324



9590 9402 8469 3186 6714 32

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5232

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

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- Insured Mail
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1. Article Addressed to:

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



9590 9402 8469 3186 6713 57

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5263

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1. Article Addressed to:

Carl & Debrah Howes
 2 Glenview Drive
 Hudson, NH 03051



9590 9402 8469 3186 6714 25

2. Article Number (Transfer from service label)

7020 2450 0001 3064 9122

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1. Article Addressed to:

Antonio T. Rosa Jr. & Cindy L. Rosa
 106 Peters Lane
 Rockfall, CT 06481



9590 9402 8469 3186 6712 72

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5409

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

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1. Article Addressed to:

Chris Dupont
 24 West Highland Ave
 Cumberland, RI 02864



9590 9402 8469 3186 6713 40

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5317

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1. Article Addressed to:

Joseph M Vital & Jessi K Day
 509 West Side Road
 Bethlehem, NH 03574



9590 9402 8469 3186 6712 96

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5379

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

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1. Article Addressed to:

Bethany Taylor & Austin Taylor
 573 West Side Road
 Bethlehem, NH 03574



9590 9402 8469 3186 6711 28

2. Article Number (Transfer from service label)

7020 1290 0000 5873 5573

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1. Article Addressed to:

NE Renewable Power Bethlehem
 1185 Ave. of the Americas – 9th floor
 New York, NY 10036



9590 9402 8469 3186 6710 05

2. Article Number (Transfer from service label)

7020 2450 0001 3064 9160

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1. Article Addressed to:

Timothy Joyce
 6020 Row Avenue
 El Paso, TX 79924



9590 9402 8469 3186 6710 43

2. Article Number (Transfer from service label)

7020 2450 0001 3064 9115

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1. Article Addressed to:

William Avgerakis & Bethany McLure
 44 Rector Street
 Metuchen, NJ 08840



9590 9402 8469 3186 6710 12

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5348

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

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1. Article Addressed to:

83 Airport Rd Solar, LLC
 120 Front Street
 Marion MA 02738



9590 9402 8469 3186 6710 36

2. Article Number (Transfer from service label)

7021 0350 0000 3526 5331

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

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1. Article Addressed to:

Cynthia Carol Pierce & Charles A. Pierce
 5 Cefalo Road
 West Roxbury MA, 02132



9590 9402 8469 3186 6709 92

2. Article Number (Transfer from service label)

7020 2450 0001 3064 9146

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 Addressee

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3. Service Type
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 - Collect on Delivery Restricted Delivery
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1. Article Addressed to:

Eric S. Bryan & Thomas E. Bryan
 205 West Forest Lake Road
 Bethlehem, NH 03574



9590 9402 8469 3186 6710 29

2. Article Number (Transfer from service label)

7020 2450 0001 3064 9139

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1.1

SECTION 6.0

Evaluation Criteria

Section 6.1

Attachment A: Minor and Major Projects



STANDARD DREDGE AND FILL
WETLANDS PERMIT APPLICATION
ATTACHMENT A: MINOR AND MAJOR PROJECTS



Water Division/Land Resources Management
Wetlands Bureau

[Check the Status of your Application](#)

RSA/ Rule: RSA 482-A/ Env-Wt 311.10; Env-Wt 313.01(a)(1); Env-Wt 313.03

APPLICANT'S NAME: Granite State Landfill, LLC **TOWN NAME:** Dalton/Bethlehem

Attachment A is required for *all minor and major projects*, and must be completed *in addition* to the [Avoidance and Minimization Narrative](#) or [Checklist](#) that is required by Env-Wt 307.11.

For projects involving construction or modification of non-tidal shoreline structures over areas of surface waters having an absence of wetland vegetation, only Sections I.X through I.XV are required to be completed.

PART I: AVOIDANCE AND MINIMIZATION

In accordance with Env-Wt 313.03(a), the Department shall not approve any alteration of any jurisdictional area unless the applicant demonstrates that the potential impacts to jurisdictional areas have been avoided to the maximum extent practicable and that any unavoidable impacts have been minimized, as described in the [Wetlands Best Management Practice Techniques For Avoidance and Minimization](#).

SECTION I.I - ALTERNATIVES (Env-Wt 313.03(b)(1))

Describe how there is no practicable alternative that would have a less adverse impact on the area and environments under the Department's jurisdiction.

AS DESCRIBED IN THE SITING, EVALUATION AND MINIMIZATION REPORT (SECTION 7), STATE LAW AND REGULATORY CONSIDERATIONS PROHIBITED SITING THE LANDFILL FACILITY IN THE NEIGHBORING STATES OF MAINE AND VERMONT. A SCREENING PROCESS EVALUATED POTENTIAL ALTERNATIVE SITES THROUGHOUT NEW HAMPSHIRE. FIVE (5) CANDIDATE SITES, INCLUDING EXPANDING THE EXISTING NORTH COUNTRY ENVIRONMENTAL SERVICES (NCES) SITE WERE FURTHER EVALUATED. DUE TO LOCAL ZONING RESTRICTIONS, THE NCES SITE CANNOT BE EXPANDED TO MEET FUTURE NEEDS. THEREFORE, THAT ALTERNATIVE WAS DISMISSED. THREE (3) OF THE FOUR (4) CANDIDATE SITES (CARROLL EAST, CARROLL WEST, AND SHELBURNE) WOULD REQUIRE SIGNIFICANT IMPACT TO HIGH FUNCTIONING WETLANDS, PERMANENT STREAMS, AND, IN THE CASE OF SHELBURNE, THE ANDROSCOGGIN RIVER. THE SCOPE OF THE POTENTIAL IMPACTS TO WETLANDS AND OTHER REGIONALLY SIGNIFICANT NATURAL RESOURCES DEMONSTRATED THAT THE CANDIDATE SITES WERE NOT VIABLE ALTERNATIVES.

THE DALTON SITE WAS SELECTED AS THE PREFERRED ALTERNATIVE. THIS LARGE SITE IS ACCESSIBLE FROM ROUTE 116 BY DOUGLAS DRIVE, A PRIVATE ROAD. WHILE THE WETLAND RESOURCES WITHIN THE OTHER CANDIDATE SITES ARE MORE PRISTINE, THE EXISTING LAND USE INTERFACING THE WETLAND RESOURCES AT THE DALTON PROPERTY CONSISTS OF AN ACTIVE SAND AND GRAVEL MINING OPERATION, A STONE QUARRY, ASPHALT PLANT, AND DRAG STRIP. OTHER PORTIONS OF THE SITE ARE UNDER CONSIDERATION AS A FUTURE INDUSTRIAL PARK. FURTHER EVALUATION CENTERED ON ASSESSING SEVEN (7) CONCEPT LEVEL ALTERNATIVE DESIGNS TO AVOID AND MINIMIZE WETLAND IMPACT. CONCEPT 5.3, WHICH EXHIBITS THE LEAST ADVERSE IMPACT ON THE AREA AND ENVIRONMENTS UNDER NHDES JURISDICTION WAS SELECTED AS THE PREFERRED LANDFILL DESIGN.

irm@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

SECTION I.II - MARSHES (Env-Wt 313.03(b)(2))

Describe how the project avoids and minimizes impacts to tidal marshes and non-tidal marshes where documented to provide sources of nutrients for finfish, crustacean, shellfish, and wildlife of significant value.

The wetland resources within the site that will principally be impacted consist of palustrine forested and scrub-shrub wetlands. Non-tidal marsh areas are primarily associated with a series of beaver ponds which are interconnected by perennial streams that serve as headwaters to Alder Brook. For the most part, these high functioning wetlands are positioned within the western portion of the site. The project avoids these significant wetland resources.

SECTION I.III - HYDROLOGIC CONNECTION (Env-Wt 313.03(b)(3))

Describe how the project maintains hydrologic connections between adjacent wetland or stream systems.

The project is designed to avoid impact to the major wetland complexes and perennial stream systems. In order to maintain surface water hydrologic connections which drain to these adjacent systems, surface water runoff from the landfill will be collected and treated by a series of drainage swales and stormwater management structures (see Wetland Impact Design Plans). Once treated, surface water is directed to these downgradient wetland and stream systems, maintaining hydrologic connectivity.

Similarly, the infrastructure area and perimeter road stream crossing are designed to maintain surface water hydrologic connectivity with the adjacent wetland and stream systems.

Groundwater, which was determined to flow in a westerly to southwesterly direction, contributes to the overall hydrology of the adjacent down gradient wetland and stream systems in the form of groundwater discharge. Groundwater discharge will continue to contribute to the hydrology of these resource areas. See Groundwater Summary- Section 9.

SECTION I.IV - JURISDICTIONAL IMPACTS (Env-Wt 313.03(b)(4))

Describe how the project avoids and minimizes impacts to wetlands and other areas of jurisdiction under RSA 482-A, especially those in which there are exemplary natural communities, vernal pools, protected species and habitat, documented fisheries, and habitat and reproduction areas for species of concern, or any combination thereof.

The project design is the least environmentally impacting alternative which avoids and minimizes wetland impact as much as practicable. The configuration of the landfill footprint centers on avoiding perennial streams and high functioning wetland resources associated with the series of tributaries that serve as headwaters to Alder Brook. While no known (see NH Natural Heritage Bureau Data Check Results) exemplary natural communities, protected species and habitat or significant habitat for species of special concern were documented or identified on site, five (5) vernal pools were documented within the landfill footprint. Given the requirements for landfill design, impact to these vernal pools is unavoidable. Compensatory mitigation is planned.

The project does not impact habitats ranked by the NH Wildlife Action Plan (WAP) as "Highest Ranked Wildlife Habitat in New Hampshire" or " Highest Ranked Habitat in the Biological Region."

The US Fish and Wildlife Service (USFWS) IPaC Species Determination concluded that no critical habitats have been designated for the Northern Long-eared Bat and Monarch Butterfly, and that the project location does not overlap for the Canada Lynx.

Finfish habitat and wetland resources that principally function as wildlife habitat associated with the perennial streams and beaver pond wetland complexes are avoided.

See Section 10 - Rare, Threatened, and Endangered Species Review.

SECTION I.V - PUBLIC COMMERCE, NAVIGATION, OR RECREATION (Env-Wt 313.03(b)(5))

Describe how the project avoids and minimizes impacts that eliminate, depreciate or obstruct public commerce, navigation, or recreation.

The project area is privately-owned property with no navigatable waters. It is not open to the general public for recreation. Whereas the existing commercial activities will continue to operate, and in part, be utilized for the construction of the facility, on-site public commerce will not be depreciated or obstructed.

Planned access improvements to Route 116 and Douglas Drive will allow for safe un-impeded access/egress to the landfill while not impeding public transportation or obstructing other public commerce in the region.

SECTION I.VI - FLOODPLAIN WETLANDS (Env-Wt 313.03(b)(6))

Describe how the project avoids and minimizes impacts to floodplain wetlands that provide flood storage.

The project will not impact wetland resources within 100-year designated floodplains. Flood storage function is one of the principal functions of the large wetland complexes associated with the tributaries to Alder Brook positioned to the west and south of the project area. Where possible, direct impact to these wetland resource areas has been avoided. Impact to wetland resources which provide this function is largely centered on forested headwater wetlands which drain into the larger wetland complexes. These wetlands are positioned within the landfill footprint. The design was centered on avoiding impact to the higher functioning wetland complexes that provide this function while minimizing wetland impact by reducing the size of the landfill footprint. As required by NHDES Alteration of Terrain and Solid Waste Bureau rules, the stormwater management system is designed for the 2, 10, 25, and 50 year storm events. The 2-year analysis is required for channel protection and the 10 year is required to meet AoT design standards. The 25-year analysis is required under DES solid waste design criteria with the 50-year analysis (AoT requirement) confirming stormwater ponds overtopping. The series of drainage swales and treatment structures are designed to collect and treat surface water runoff from the site providing for comparable pre and post- development drainage to the adjacent wetland complexes and stream systems. This stormwater drainage model focuses on providing comparable pre-development low flow conditions to the down gradient wetlands while providing stormwater storage capacity during periods of high or prolonged precipitation events. Discharge during and after major storm events is designed not to adversely flood or exacerbate the adjoining wetland complexes and stream systems.

Compensatory mitigation in the form of land protection and in-lieu fee payment for the wetlands providing this function that will be impacted by the project is planned.

SECTION I.VII - RIVERINE FORESTED WETLAND SYSTEMS AND SCRUB-SHRUB – MARSH COMPLEXES (Env-Wt 313.03(b)(7))

Describe how the project avoids and minimizes impacts to natural riverine forested wetland systems and scrub-shrub – marsh complexes of high ecological integrity.

The project site access road was positioned to cross an upper perennial (R3UBH) stream associated with a large scrub-shrub-marsh (beaver pond) wetland complex. The crossing is a 52' 7" long, 12' wide, by 6' high pre-cast concrete box culvert. The culvert will provide for a natural bottom allowing for unimpeded aquatic passage and continued hydrologic connectivity. In total, the crossing will permanently impact 712 linear feet of perennial (R3UBH) stream. A second 47' 4" long, 6' wide, by 6' high box culvert to re-establish a previously re-routed perennial stream is planned. The landfill footprint configuration was designed to avoid impacts to forested, scrub-shrub-marsh wetland complexes associated with perennial streams.

Approximately 932 linear feet of intermittent (R4UBJ) stream associated with a narrow palustrine forested wetland will be impacted by the landfill footprint. This headwater drainage is located in the northern portion of the landfill footprint. Lastly, in order to widen Route 116 for a turn lane, approximately 198 linear feet of perennial stream (R3UBH) and 24 linear feet of intermittent stream (R4UBJ) will be permanently impacted. These unavoidable impacts shall be mitigated by on-site and off-site land preservation which incorporate riverine and riverine associated wetland complexes and/or in combination with in-lieu fee payment.

SECTION I.VIII - DRINKING WATER SUPPLY AND GROUNDWATER AQUIFER LEVELS (Env-Wt 313.03(b)(8))

Describe how the project avoids and minimizes impacts to wetlands that would be detrimental to adjacent drinking water supply and groundwater aquifer levels.

The site is located near the eastern limit of the Alder/Hatch Brook watershed. This drainage catchment is bordered by: the Dalton Mountain Range (north), a topographic high separating drainage to the Bog Brook/Forest Lake Catchment (east), a topographic high separating drainage near West Forest Lake Road and areas flowing south beneath Route 116 (south/southeast), and the Mann Hill/Hedgehog Hill ridge (west). Alder Brook joins with Hatch Brook and flows south beneath Route 116 to discharge to the Ammonoosuc River.

To assess groundwater conditions within the site, 61 groundwater monitoring wells and 36 piezometers were installed. Generally thin glacial till (silty sand and clay with large boulders) overlies bedrock within the project area. Stratified drift was not observed as part of drilling. The groundwater within the proposed footprint generally flows to the southwest, towards Alder Brook and its associated wetlands, in the same general direction as surface water flow. Several years of groundwater elevation measurements confirm a stable groundwater divide associated with the topographic divide east of the proposed landfill footprint. Groundwater head measurements and observations of groundwater seeps indicate groundwater discharge to the wetlands, including the Alder Brook wetland complex located west of the landfill footprint. The landfill design will allow for continued groundwater flow to the wetlands.

No public water supply wells are located within or immediately adjacent to the project area, nor are surface water drinking water supplies known to exist within the catchment area. The sole private water supply well located on the site property serves the property owner's residence (>3,000 feet south of the proposed limit of waste). The nearest known off-property private water supply wells are: associated with West Forest Lake Road (>1/4 to 1/2 mile east, on the other side of the identified groundwater flow divide), and residential wells on Mann Hill Road (>1 mile west).

See Hydrogeologic Summary - Section 9.3.

SECTION I.IX - STREAM CHANNELS (Env-Wt 313.03(b)(9))

Describe how the project avoids and minimizes adverse impacts to stream channels and the ability of such channels to handle runoff of waters.

The box culvert design described in Section I.VII, crosses a no-name perennial (R3UBH) stream under Douglas Drive. The box culvert crossing is oversized to accommodate aquatic and wildlife passage. The culvert design replicates the natural streambed and allows for natural un-impeded stream flow. The reestablishment of the previously altered stream channel is designed to correct stream flow to downgradient wetlands. See Stream Crossing Worksheet (Section 2.3).

The intermittent 932 linear feet of stream (R4UBJ) positioned within the northern portion of the landfill footprint shall be directly impacted. As planned, post-development stormwater drainage system shall collect, treat, and discharge runoff otherwise normally associated with the intermittent stream.

The 198 linear feet of perennial stream, 24 feet of intermittent stream and associated 2,961 SF of permanent wetland impact is associated with re-grading a portion of the northern side slope adjacent to Route 116 in order to accommodate a truck turn lane. The post-development channel will continue to direct surface water runoff to an existing catch basin (See CMA Sheet DD-8) which discharges under Route 116 via an existing 24" RCP pipe. This drainage will continue un-impeded to the Ammonoosuc River.

Unavoidable stream channel impacts are planned to be mitigated by on-site and off-site preservation of high function stream and riverine habitat, there associated wetlands and upland buffers and/or in combination with in-lieu fee payment.

SECTION I.X - SHORELINE STRUCTURES - CONSTRUCTION SURFACE AREA (Env-Wt 313.03(c)(1))

Describe how the project has been designed to use the minimum construction surface area over surface waters necessary to meet the stated purpose of the structures.

The project does not have any shoreline structures.

SECTION I.XI - SHORELINE STRUCTURES - LEAST INTRUSIVE UPON PUBLIC TRUST (Env-Wt 313.03(c)(2))

Describe how the type of construction proposed is the least intrusive upon the public trust that will ensure safe docking on the frontage.

The project does not have any shoreline structures.

SECTION I.XII - SHORELINE STRUCTURES – ABUTTING PROPERTIES (Env-Wt 313.03(c)(3))

Describe how the structures have been designed to avoid and minimize impacts on ability of abutting owners to use and enjoy their properties.

The project does not have any shoreline structures.

SECTION I.XIII - SHORELINE STRUCTURES – COMMERCE AND RECREATION (Env-Wt 313.03(c)(4))

Describe how the structures have been designed to avoid and minimize impacts to the public's right to navigation, passage, and use of the resource for commerce and recreation.

The project does not have any shoreline structures.

SECTION I.XIV - SHORELINE STRUCTURES – WATER QUALITY, AQUATIC VEGETATION, WILDLIFE AND FINFISH HABITAT (Env-Wt 313.03(c)(5))

Describe how the structures have been designed, located, and configured to avoid impacts to water quality, aquatic vegetation, and wildlife and finfish habitat.

The project does not have any shoreline structures.

SECTION I.XV - SHORELINE STRUCTURES – VEGETATION REMOVAL, ACCESS POINTS, AND SHORELINE STABILITY (Env-Wt 313.03(c)(6))

Describe how the structures have been designed to avoid and minimize the removal of vegetation, the number of access points through wetlands or over the bank, and activities that may have an adverse effect on shoreline stability.

The project does not have any shoreline structures.

PART II: FUNCTIONAL ASSESSMENT	
REQUIREMENTS	Ensure that project meets the requirements of Env-Wt 311.10 regarding functional assessment (Env-Wt 311.04(j); Env-Wt 311.10).
FUNCTIONAL ASSESSMENT METHOD USED:	USACE Highway Method
NAME OF CERTIFIED WETLAND SCIENTIST (FOR NON-TIDAL PROJECTS) OR QUALIFIED COASTAL PROFESSIONAL (FOR TIDAL PROJECTS) WHO COMPLETED THE ASSESSMENT:	BARRY H. KEITH
DATE OF ASSESSMENT:	5/23
Check this box to confirm that the application includes a NARRATIVE ON FUNCTIONAL ASSESSMENT:	<input checked="" type="checkbox"/>
For minor or major projects requiring a standard permit without mitigation, the applicant shall submit a wetland evaluation report that includes completed checklists and information demonstrating the RELATIVE FUNCTIONS AND VALUES OF EACH WETLAND EVALUATED. Check this box to confirm that the application includes this information, if applicable:	<input checked="" type="checkbox"/>
Note: The Wetlands Functional Assessment worksheet can be used to compile the information needed to meet functional assessment requirements.	

Section 6.2

Viewshed Analysis Summary Report

Viewshed Analysis Summary Report

PROPOSED GRANITE STATE LANDFILL
Dalton, New Hampshire

Prepared for Granite State Landfill, LLC
File No. 1003.24
April 17, 2023

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APPENDICES

Appendix A USDA NRCS Forestland Productivity Report



1.0 INTRODUCTION

At the request of Granite State Landfill, LLC, Sanborn, Head & Associates, Inc. (Sanborn Head) prepared this Viewshed Analysis Summary Report in support of applications for development of the proposed Granite State Landfill (GSL) in Dalton, New Hampshire.

The objective of our services was to evaluate the view of the proposed GSL from the perspective of a person participating in recreational activities on Forest Lake at the end of landfill development, accounting for anticipated future tree growth. This report summarizes the processes used to perform the viewshed analysis and the results.

2.0 SITE AND PROJECT DESCRIPTION

The GSL is proposed to be developed over approximately 20 years with the following anticipated milestones:

- Construction Start Date: 2026
- Waste Placement Start Date: 2028
- Landfill Capacity Fill Date: 2046

A Locus Plan showing the proposed location of the landfill is included as Figure 1. The top of the proposed landfill (when final grade is reached) is located approximately 3,000 feet (ft) (approximately 0.6 miles) from the closest point on the western shoreline of Forest Lake.

The property for the proposed GSL contains land used as a gravel pit, a quarry, and an asphalt plant, but is otherwise mostly wooded, except where areas have been logged by the property owner. Based on our review of historical aerial photos, the New Hampshire Land Cover Assessment Report¹, and data available on New Hampshire's Statewide GIS Clearinghouse, most of the trees located on the proposed site property were logged more than 29 years ago. Since that time, trees have grown back in logged areas; however, anticipated maximum tree height has not been reached in some areas between the proposed landfill and Forest Lake, in the areas shown on Figure 2. Based on site reconnaissance, the trees along the western shoreline of Forest Lake appear to be generally more mature and are not anticipated to reach substantially greater heights.

Based on the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) online Web Soil Survey, site visits, and discussions with the University of New Hampshire (UNH) Cooperative Extension Forestry and Wildlife Program (CEFWP) Coos County Forester, the tree species commonly found in the area consist of White and Red Pine, Sugar and Silver Maple, Beech, Ash, Oak, Balsam Fir, and the other trees listed in the Forestland Productivity Report downloaded from the NRCS Web Soil Survey included in Appendix A.

¹ "New Hampshire Land Cover Assessment Final Report, Complex Systems Research Center University of New Hampshire, January, 2002"



3.0 SCOPE OF WORK

The goal of the viewshed analysis was to evaluate whether sections of the landfill may be visible during development of the GSL. The evaluation was performed using modeling techniques with results shown on two-dimensional figures and photo renderings that present what the landfill may look like from different observation points on Forest Lake. Due to the topographic high elevation between the proposed GSL and Forest Lake and the generally mature trees along the western shoreline, the landfill is not anticipated to be visible from locations along the western shore of Forest Lake. Therefore, observation points for the analysis were taken from the eastern portions of Forest Lake as this is the area where the landfill would most likely be visible from people recreating on the lake.

The process included the following steps which are further described in the sections below:

1. Tree Canopy Elevation Evaluation – The first step was to estimate the anticipated tree canopy elevation in the area between the proposed landfill development area and Forest Lake at the end of landfill development.
2. Viewshed Analysis – The second step was to develop and perform the viewshed analysis at the end of landfill development from two observation points on Forest Lake.
3. Photo Renderings – The third step was to prepare the photo renderings of the landfill viewed from both observation points based on the outcome of the viewshed analysis.

4.0 TREE CANOPY ELEVATION EVALUATION

To approximate the screening provided by the trees found between the proposed landfill and Forest Lake, a three-dimensional (3D) surface model of the top of the tree canopy was generated based on an anticipated tree growth for the tree species found in the area at the end of landfill development which is anticipated to be in 2046. The approximate tree canopy surface model was generated as follows:

1. A 3D surface model of the top of the existing tree canopy between the proposed landfill and Forest Lake was generated using aerial drone survey information collected by ARE Corporation of Hampton, New Hampshire on August 23, 2020. This data was compared with LiDAR ground surface topographical survey data downloaded from the New Hampshire Statewide GIS Clearing House to approximate the height of the existing trees.
2. The UNH CEFWP was contacted to discuss available resources in New Hampshire for tree species and available tree growth data. UNH CEFWP recommended that the forestland productivity data available on the NRCS Web Soil Survey be used to identify the tree species and corresponding growth capabilities within the different soil types found in the area of interest.
3. The Forestland Productivity Report in Appendix A (downloaded from the NRCS Web Soil Survey website) provides the average tree height for dominant and codominant trees of a given species after 50 years of growth. The data provided in the Forestland Productivity



Report corresponds to the soil map units found between Forest Lake and the proposed landfill shown on Figure 3. The NRCS data were used to calculate the average annual tree growth rate for the tree species found in each soil type.

4. Using the average annual rate of growth for the tree species in each soil type, a 3D surface model was generated which estimated the anticipated tree canopy elevation when the landfill is anticipated to reach final grade. Based on information obtained from the Arbor Day Foundation, the maximum average height for the trees listed in the Forest Productivity Report ranged from approximately 70 to 75 ft tall depending on the tree species and soil types. The evaluation was completed so that annual average tree growth would only proceed until the maximum tree height for the species was reached. Once maximum tree height was reached, it was assumed no additional growth would occur so that the inferred maximum tree height would not be exceeded.
5. There are several areas that have minimal to no tree growth on the proposed GSL property shown as “Currently Cleared Areas Recommended for Tree Planting” on Figure 2. For our analysis, we assumed that these areas will be planted in 2026 with one of the faster growing coniferous tree species that do well in the area, such as White Pine.

5.0 VIEWSHED ANALYSIS

As mentioned above, the viewshed analysis was completed from two observation points on the east side of Forest Lake. Observation Point 1 is from the east side of Forest Lake immediately south of an island located approximately 5,200 ft (about 1 mile) from the closest point of the proposed landfill ridgeline. Observation Point 2 is located on the southeast side of Forest Lake approximately 6,290 ft (about 1.2 miles) from the closest point of the proposed landfill ridgeline.

The analysis was prepared using the Viewshed tools in ArcMap 3D. ArcMap is a component of ArcGIS, developed by Environmental System Research Institute, Inc. of Redlands, California. The Viewshed tool runs the analysis on two data inputs: the raster and observation points. The raster is made up of cells, each of which holds an elevation. The Viewshed tool works as follows:

1. A viewshed is created from a digital elevation model (the raster data) by using an algorithm that estimates the difference of elevation from one cell (the observation point cell) to the next cell (the target, which in this case is the landfill).
2. To estimate the visibility of the landfill, each cell between the observation point cell and target cell is examined for line of sight. The line of sight is blocked where cells of higher value, in this case the trees, are between the observation point and landfill. If the line of sight is blocked by the trees, then the landfill is not part of the viewshed. If it is not blocked by the trees, then it is included in the viewshed.

The viewshed analysis for the developed landfill is enclosed as Figures 4A through 4D. The areas shown in green are the areas that may be visible from the observation point shown for each scenario. The height of the observation points is taken from just above the surface of Forest Lake (an elevation of 1,106 ft).

6.0 PHOTO RENDERINGS

After completing the viewshed analysis, photo renderings from each observation point were prepared that depicted what the landfill may look like from the observation points on Forest Lake when the landfill is developed.

The base photographs used in the photo renderings were taken by Sanborn Head representatives on May 28, 2020. The photos included geotagging data which provided the approximate location of where the photo was taken (latitude and longitude) based on location information from the observer's cellular device. The photos were taken from a canoe on Forest Lake from several different locations along the eastern shore facing the proposed landfill.

A 3D model was prepared using SketchUp Pro 2022 developed by Trimble Inc. of Sunnyvale, California. Sanborn Head generated the 3D model using ground surface LiDAR information obtained from New Hampshire's Statewide GIS Clearinghouse merged with a LiDAR survey provided by Horizons Engineering, Inc. in January 2023, proposed top of landfill cap contours provided by CMA Engineers Inc. (CMA) of Portsmouth, New Hampshire on December 8, 2022, and location information for a communication tower (which is visible in the photographs) located off Mann Hill Road in Littleton, New Hampshire. The location and elevation of the photographs taken by Sanborn Head were also imported into the model. Using the modeling software, a two-dimensional (2D) rendering was generated of the proposed landfill, surrounding topography, and the communication tower taken from the approximate location and elevation of each picture taken.

The 2D rendering was then imported into paint.net (photo editing software with similar features as Adobe's Photoshop). The 2D rendering was approximately scaled and georeferenced using known features in the pictures taken by Sanborn Head and features included in the 3D model including the surrounding topography, such as the ridgelines, and the location of the communication tower. The photo was then edited using photo editing tools and layering to depict the landfill within the landscape of the photograph for each phase. This was then checked against the viewshed analysis generated using ArcMap. The photo rendering from both observation points is enclosed.

7.0 RESULTS

Based on the viewshed analysis, areas of the proposed landfill development will likely be visible from the east side of Forest Lake. The results of the viewshed analysis at the end of development from the two observation points on Forest Lake are summarized below.

1. Observation Point #1 (eastern Forest Lake): A triangle shaped area of about 43,700 square feet (sf) on the upper approximately 40 ft of the southeast slope of the landfill will be visible from elevation 1,350 ft to elevation 1,390 ft. Based on correspondence with CMA, it is our understanding that GSL will be placing waste in this visible area around 2035. It is anticipated that approximately the upper 30 ft of this general area of the landfill will be visible from Observation Point #1 after trees have reached their mature height.

2. Observation Point #2 (southeastern Forest Lake): A triangle shaped area of about 105,500 sf (about 2.4 acres) on the upper approximately 70 ft of the southeast slope of the landfill will be visible from elevation 1,320 ft to elevation 1,390 ft. Based on correspondence with CMA, it is our understanding that GSL will be placing waste in this visible area around 2035. It is anticipated that approximately the upper 60 ft of this general area of the landfill will be visible when the trees reach their mature height.

As shown on the enclosed viewshed analysis figures and the photo renderings, the most visible portion of the landfill is anticipated to be from the east end of Forest Lake in the vicinity of Observation Point #2 around the year 2035.

\\conserv1\shdata\1000s\1003.24\Source Files\Viewshed Analysis\20230417 Report\20230417 GSL Viewshed Process Summary Report.docx

Figures

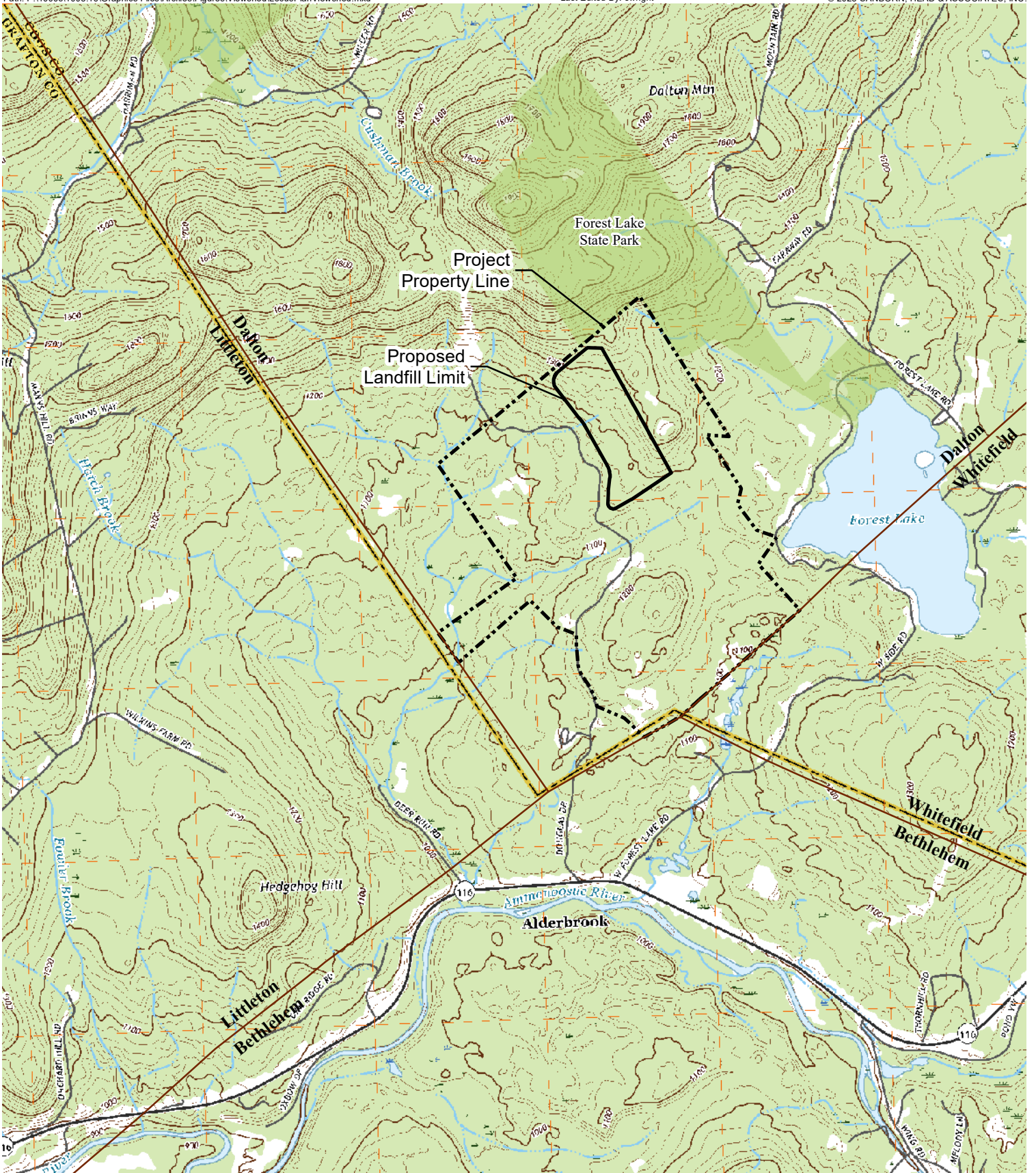


Figure 1

Locus Plan

Viewshed Analysis

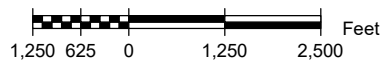
Granite State Landfill
Dalton, New Hampshire



Note:

Base Map USGS 7.5 minute topoquad Bethlehem, New Hampshire dated 2018.

Drawn By: D. Heacock
 Designed By: B. Beaudoin
 Reviewed By: T. White
 Project No: 1003.24
 Date: April 2023



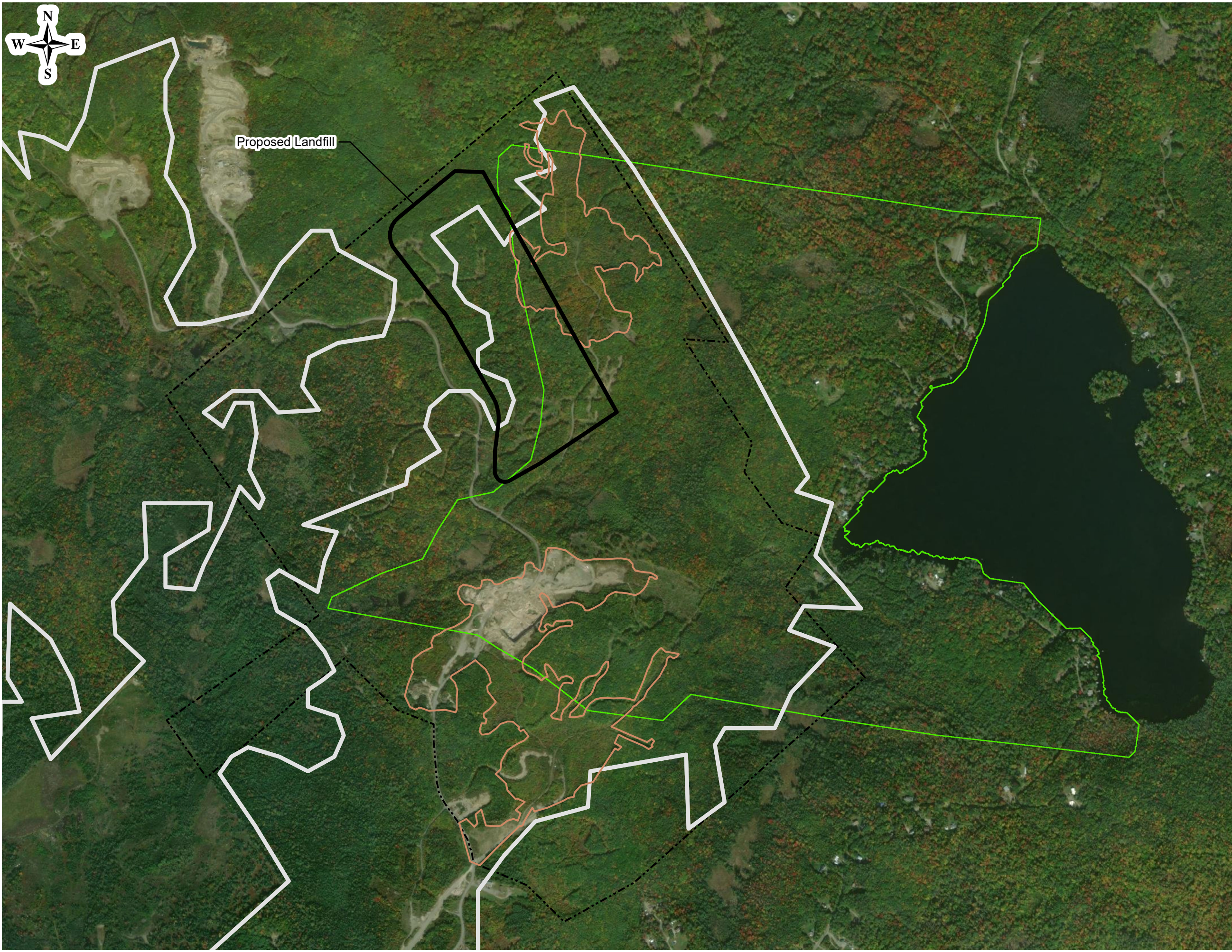


Figure 2

Timber Clear Cut Areas Worksheet

Viewshed Analysis

Granite State Landfill
New England Waste Systems
Dalton, New Hampshire

Project No: 1003.24
Date: April 2023

Figure Narrative

This figure shows the areas clear cut over 24 years ago based on the New Hampshire Land Cover Assessment Final Report dated January 2002 prepared by the University of New Hampshire's Complex Systems Research Center.

Notes

1. Aerial Image Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Legend

- Project Property Line
- Proposed Landfill Phase Limits
- Timber Clear Cut Report - Clear Cut Area
- Recently Cleared Areas Recommended for Tree Planting
- Tree Top LiDAR Survey Area

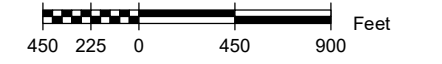




Figure 3
NRCS Soil Types Within Tree Top LiDAR Survey Area Worksheet

Viewshed Analysis

Granite State Landfill
 New England Waste Systems
 Dalton, New Hampshire

Project No: 1003.24
 Date: April 2023

Figure Narrative

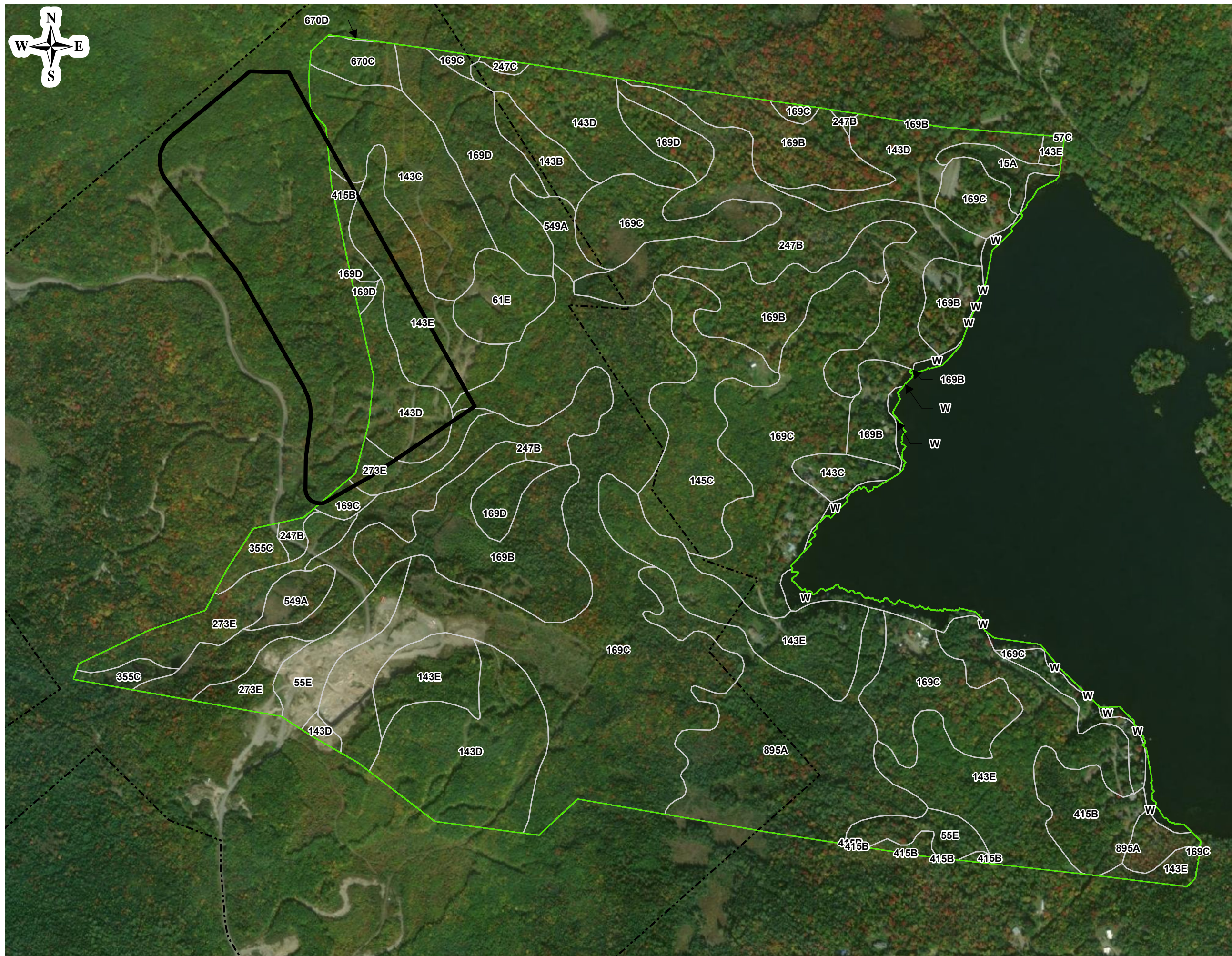
This figure shows the soil type identifications/map unit symbols downloaded from the Natural Resource Conservation Service Web Soil Survey. The Forestland Productivity for the soil types was used to estimate the annual growth rate for the tree species typically found in the identified soil. The Forestland Productivity Report identifying the tree species found in each soil type identified on this figure are provided in Appendix A of this report.

Notes

1. Aerial Image Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community.

Legend

- Project Property Line
- Proposed Landfill Phase Limits
- Tree Top LiDAR Survey Area
- NRCS Soil Boundary and Type





Communication
Tower

Figure 4A

Existing Conditions Viewshed From Observation Point 1 (2020)

Viewshed Analysis

Granite State Landfill
New England Waste Systems
Dalton, New Hampshire








Project No: 1003.24
Date: April 2023

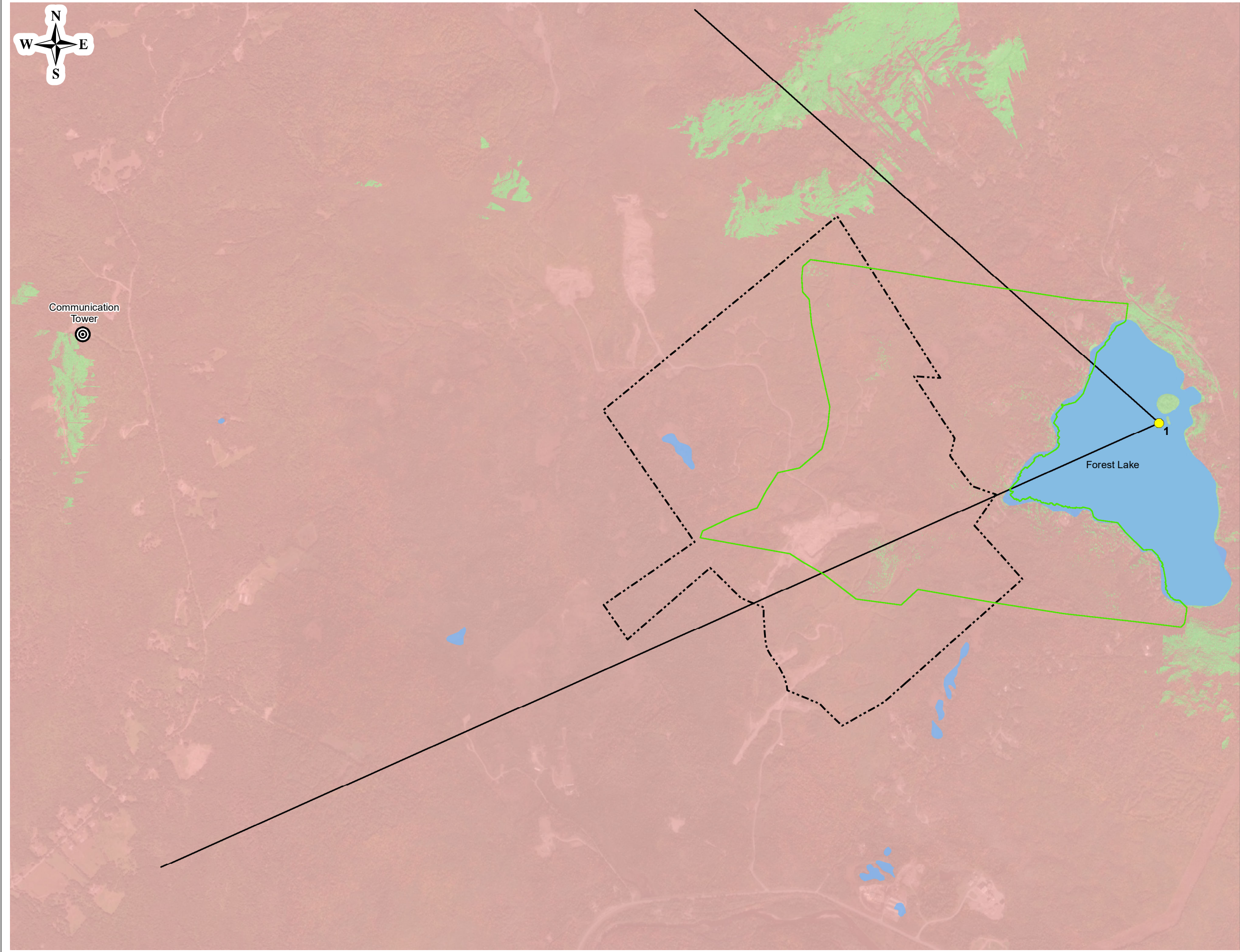
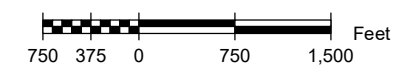
Figure Narrative

This figure shows the viewshed from the observation point shown on Forest Lake. It is based on approximate existing topography and LiDAR information representing the top of trees, roofs, and structures provided by ARE Corp on August 23, 2020. Ground surface LiDAR was provided by Horizons Engineering on January 23, 2023. For areas outside of the ground surface LiDAR coverage, LiDAR from NH GRANIT was used.

See Photo Rendering 1 - Observation Point 1 Existing Condition 2020

Legend

-  Project Property Line
-  Approximate Extents of Photo View
-  Tree Top LiDAR Survey Area Adjusted for Tree Growth
-  Observation Point
-  Area Not Visible from Observation Point
-  Area Visible from Observation Point
-  NH Waterbody





Communication Tower



Forest Lake

2

Figure 4B Existing Conditions Viewshed From Observation Point 2 (2020)

Viewshed Analysis

Granite State Landfill
New England Waste Systems
Dalton, New Hampshire

Project No: 1003.24
Date: April 2023

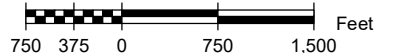
Figure Narrative

This figure shows the viewshed from the observation point shown on Forest Lake. It is based on approximate existing topography and LiDAR information representing the top of trees, roofs, and structures provided by ARE Corp on August 23, 2020. Ground surface LiDAR was provided by Horizons Engineering on January 23, 2023. For areas outside of the ground surface LiDAR coverage, LiDAR from NH GRANIT was used.

See Photo Rendering 3 - Observation Point 2 Existing Condition 2020

Legend

- Project Property Line
- Approximate Extents of Photo View
- Tree Top LiDAR Survey Area Adjusted for Tree Growth
- Observation Point
- Area Not Visible from Observation Point
- Area Visible from Observation Point
- NH Waterbody





Communication Tower

Proposed Landfill

Forest Lake

1

Figure 4C Anticipated Viewshed From Observation Point 1 (End of 2046)

Viewshed Analysis

Granite State Landfill
New England Waste Systems
Dalton, New Hampshire

Project No: 1003.24
Date: April 2023

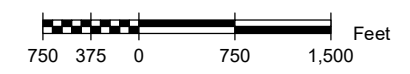
Figure Narrative

This figure shows the anticipated viewshed from the observation point shown on Forest Lake near the end of the year 2046. This analysis was performed using existing topography and LiDAR information representing the treetop elevations in August 2020, provided by ARE Corp on August 23, 2020. Ground surface LiDAR was provided by Horizons Engineering on January 23, 2023. For areas outside of the ground surface LiDAR coverage, LiDAR from NH GRANIT was used. To represent the anticipated tree height at the end of 2046, the tree canopy height has been adjusted to account for anticipated annual growth rates for the typical tree species found between Forest Lake and the proposed Landfill. The 2046 anticipated treetop elevation was then compared with the proposed top of cap grades, provided by CMA Engineers, Inc. of Portsmouth, NH on March 22, 2023.

See Photo Rendering 2 - Observation Point 1 (End of 2046)

Legend

- Project Property Line
- Approximate Extents of Photo View
- Tree Top LiDAR Survey Area Adjusted for Tree Growth
- Observation Point
- Area Not Visible from Observation Point
- Area Visible from Observation Point
- NH Waterbody





Communication Tower



Proposed Landfill

Forest Lake

2

Figure 4D Anticipated Viewshed From Observation Point 2 (End of 2046)

Viewshed Analysis

Granite State Landfill
New England Waste Systems
Dalton, New Hampshire

Project No: 1003.24
Date: April 2023

Figure Narrative

This figure shows the anticipated viewshed from the observation point shown on Forest Lake near the end of the year 2046. This analysis was performed using existing topography and LiDAR information representing the treetop elevations in August 2020, provided by ARE Corp on August 23, 2020. Ground surface LiDAR was provided by Horizons Engineering on January 23, 2023. For areas outside of the ground surface LiDAR coverage, LiDAR from NH GRANIT was used. To represent the anticipated tree height at the end of 2046, the tree canopy height has been adjusted to account for anticipated annual growth rates for the typical tree species found between Forest Lake and the proposed Landfill. The 2046 anticipated treetop elevation was then compared with the proposed top of cap grades, provided by CMA Engineers, Inc. of Portsmouth, NH on March 22, 2023.

See Photo Rendering 4 - Observation Point 2 (End of 2046)

Legend

- Project Property Line
- Approximate Extents of Photo View
- Tree Top LiDAR Survey Area Adjusted for Tree Growth
- Observation Point
- Area Not Visible from Observation Point
- Area Visible from Observation Point
- NH Waterbody

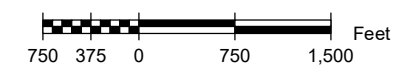


Photo Renderings

Photo Rendering 1 - Observation Point 1 Existing Condition (2020)



Pre-Development Photograph Taken on May 28, 2020

Photo Rendering 2 - Observation Point 1 of Landfill Area (End of 2046)



Landfill Visible – Rendering Reflects Tree Growth at End of 2046 When Landfill Reaches Final Grade

Photo Rendering 3 - Observation Point 2 Existing Condition (2020)



Pre-Development Photograph Taken on May 28, 2020

Photo Rendering 4 - Observation Point 2 of Landfill Area (End of 2046)



Landfill Visible – Rendering Reflects Tree Growth at End of 2046 When Landfill Reaches Final Grade

Appendix A

USDA NRCS Forestland Productivity Report

Forestland Productivity

This table is designed to assist forestland owners or managers in planning the use of soils for wood crops. It provides the potential productivity of the soils for wood crops.

Potential productivity of merchantable or *common trees* on a soil is expressed as a site index and as a volume growth rate number. The *site index* is the average height, in feet, that dominant and codominant trees of a given species attain in a specified number of years. The site index applies to fully stocked, even-aged, unmanaged stands. *Common trees* are those that forestland managers generally favor in intermediate or improvement cuttings. They are selected on the basis of growth rate, quality, value, and marketability. More detailed information regarding site index is available in the "National Forestry Manual," which is available in local offices of the Natural Resources Conservation Service or on the Internet.

The *Base Age* is the age of trees in years on which the site index is based. "TA" indicates total age. "BH" indicates breast height age. "N/A" indicates that base age is not applicable.

The *Site Index Curve Number* is listed in the National Register of Site Index Curves. It identifies the site index curve used to determine the site index.

The *Volume Growth Rate* is the maximum wood volume annual growth rate likely to be produced by the tree species. This number, expressed as cubic feet per acre per year, is calculated at the age of culmination of the mean annual increment (CMAI). It indicates the maximum volume of wood fiber produced per year in a fully stocked, even-aged, unmanaged stand.

Reference:

United States Department of Agriculture, Natural Resources Conservation Service, National Forestry Manual.

Report—Forestland Productivity

Forestland Productivity—Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
15A—Searsport mucky peat, 0 to 3 percent slopes				
Searsport	Balsam fir	53	100.00	Eastern white cedar, European larch
	Black spruce	—	0.00	
	Eastern white cedar	45	72.00	
	Eastern white pine	55	86.00	
	European larch	—	0.00	
	Red maple	55	29.00	
	Tamarack	—	0.00	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
55C—Hermon sandy loam, 8 to 15 percent slopes, very stony				
Hermon, very stony	American beech	60	—	—
	Balsam fir	66	—	
	Black hills spruce	45	100.00	
	Eastern white pine	60	100.00	
	Northern red oak	83	—	
	Red pine	59	100.00	
	Red spruce	45	100.00	
	Sugar maple	66	29.00	
55E—Hermon sandy loam, 15 to 35 percent slopes, very stony				
Hermon, very stony	American beech	60	—	—
	Balsam fir	66	—	
	Black hills spruce	45	100.00	
	Eastern white pine	60	100.00	
	Northern red oak	83	—	
	Red pine	59	100.00	
	Red spruce	45	100.00	
	Sugar maple	66	29.00	
57B—Becket fine sandy loam, 0 to 8 percent slopes, very stony				
Becket, very stony	Balsam fir	55	114.00	—
	Eastern white pine	68	129.00	
	Northern red oak	65	—	
	Paper birch	71	86.00	
	Sugar maple	60	43.00	
	White spruce	55	129.00	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
57C—Becket fine sandy loam, 8 to 15 percent slopes, very stony				
Becket, very stony	Balsam fir	55	114.00	—
	Eastern white pine	68	129.00	
	Northern red oak	65	—	
	Paper birch	71	86.00	
	Sugar maple	60	43.00	
	White spruce	55	129.00	
57D—Becket fine sandy loam, 15 to 25 percent slopes, very stony				
Becket, very stony	Balsam fir	55	114.00	—
	Eastern white pine	68	129.00	
	Northern red oak	65	—	
	Paper birch	71	86.00	
	Sugar maple	60	43.00	
	White spruce	55	129.00	
59B—Waumbek sandy loam, 3 to 8 percent slopes, very stony				
Waumbek	Balsam fir	50	100.00	Balsam fir, Eastern white pine, White spruce
	Eastern white pine	65	114.00	
	Paper birch	45	43.00	
	Red spruce	45	100.00	
	Sugar maple	55	29.00	
	White spruce	55	129.00	
59C—Waumbek sandy loam, 8 to 15 percent slopes, very stony				
Waumbek	Balsam fir	50	100.00	Balsam fir, Eastern white pine, White spruce
	Eastern white pine	65	114.00	
	Paper birch	45	43.00	
	Red spruce	45	100.00	
	Sugar maple	55	29.00	
	White spruce	55	129.00	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
59D—Waumbek sandy loam, 15 to 25 percent slopes, very stony				
Waumbek	Balsam fir	50	100.00	Balsam fir, Eastern white pine, White spruce
	Eastern white pine	65	114.00	
	Paper birch	45	43.00	
	Red spruce	45	100.00	
	Sugar maple	55	29.00	
	White spruce	55	129.00	
61D—Tunbridge-Lyman-Rock outcrop complex, 15 to 25 percent slopes				
Tunbridge, very stony	Balsam fir	49	—	—
	Eastern white pine	75	86.00	
	Northern red oak	68	—	
	Paper birch	78	—	
	Red spruce	44	114.00	
	Sugar maple	61	43.00	
	White ash	68	43.00	
	White spruce	59	129.00	
	Yellow birch	58	29.00	
Lyman, very stony	Balsam fir	48	114.00	—
	Eastern white pine	56	—	
	Northern red oak	53	—	
	Red spruce	41	86.00	
	Sugar maple	50	29.00	
	White ash	56	—	
	White spruce	55	129.00	
Rock outcrop	—	—	—	—

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
61E—Tunbridge-Lyman-Rock outcrop complex, 25 to 60 percent slopes				
Tunbridge, very stony	Balsam fir	49	—	—
	Eastern white pine	75	86.00	
	Northern red oak	68	—	
	Paper birch	78	—	
	Red spruce	44	114.00	
	Sugar maple	61	43.00	
	White ash	68	43.00	
	White spruce	59	129.00	
	Yellow birch	58	29.00	
Lyman, very stony	Balsam fir	48	114.00	—
	Eastern white pine	56	—	
	Northern red oak	53	—	
	Red spruce	41	86.00	
	Sugar maple	50	29.00	
	White ash	56	—	
	White spruce	55	129.00	
Rock outcrop	—	—	—	—
73C—Berkshire fine sandy loam, 8 to 15 percent slopes, very stony				
Berkshire, very stony	Balsam fir	59	114.00	—
	Eastern white pine	68	129.00	
	Paper birch	68	57.00	
	Red pine	62	114.00	
	Red spruce	52	114.00	
	Sugar maple	55	29.00	
	White ash	65	43.00	
	White spruce	55	129.00	
	Yellow birch	54	29.00	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
73D—Berkshire fine sandy loam, 15 to 25 percent slopes, very stony				
Berkshire, very stony	Balsam fir	59	114.00	—
	Eastern white pine	68	129.00	
	Paper birch	68	57.00	
	Red pine	62	114.00	
	Red spruce	52	114.00	
	Sugar maple	55	29.00	
	White ash	65	43.00	
	White spruce	55	129.00	
	Yellow birch	54	29.00	
73E—Berkshire fine sandy loam, 25 to 50 percent slopes, very stony				
Berkshire, very stony	Balsam fir	59	114.00	—
	Eastern white pine	68	129.00	
	Paper birch	68	57.00	
	Red pine	62	114.00	
	Red spruce	52	114.00	
	Sugar maple	55	29.00	
	White ash	65	43.00	
	White spruce	55	129.00	
	Yellow birch	54	29.00	
143B—Monadnock fine sandy loam, 0 to 8 percent slopes, very stony				
Monadnock, very stony	Eastern white pine	64	—	—
	Northern red oak	70	—	
	Red pine	61	—	
	Sugar maple	67	—	
	White ash	55	—	
	White spruce	55	—	
	Yellow birch	67	—	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
143C—Monadnock fine sandy loam, 8 to 15 percent slopes, very stony				
Monadnock, very stony	Eastern white pine	64	—	—
	Northern red oak	70	—	
	Red pine	61	—	
	Sugar maple	67	—	
	White ash	55	—	
	White spruce	55	—	
	Yellow birch	67	—	
143D—Monadnock fine sandy loam, 15 to 25 percent slopes, very stony				
Monadnock, very stony	Eastern white pine	64	—	—
	Northern red oak	70	—	
	Red pine	61	—	
	Sugar maple	67	—	
	White ash	55	—	
	White spruce	55	—	
	Yellow birch	67	—	
143E—Monadnock fine sandy loam, 25 to 50 percent slopes, very stony				
Monadnock, very stony	Eastern white pine	64	—	—
	Northern red oak	70	—	
	Red pine	61	—	
	Sugar maple	67	—	
	White ash	55	—	
	White spruce	55	—	
	Yellow birch	67	—	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
145C—Monadnock fine sandy loam, 0 to 15 percent slopes, extremely bouldery				
Monadnock, extremely bouldery	Eastern white pine	64	—	—
	Northern red oak	70	—	
	Red pine	61	—	
	Sugar maple	67	—	
	White ash	55	—	
	White spruce	55	—	
	Yellow birch	67	—	
169B—Sunapee fine sandy loam, 0 to 8 percent slopes, very stony				
Sunapee, very stony	Eastern white pine	72	—	—
	Red pine	85	—	
	Sugar maple	61	—	
	White ash	78	—	
169C—Sunapee fine sandy loam, 8 to 15 percent slopes, very stony				
Sunapee, very stony	Eastern white pine	72	—	—
	Red pine	85	—	
	Sugar maple	61	—	
	White ash	78	—	
169D—Sunapee fine sandy loam, 15 to 35 percent slopes, very stony				
Sunapee, very stony	Eastern white pine	72	—	—
	Red pine	85	—	
	Sugar maple	61	—	
	White ash	78	—	
247B—Lyme fine sandy loam, 0 to 8 percent slopes, very stony				
Lyme, very stony	Balsam fir	50	—	—
	Eastern white pine	65	—	
	Red maple	65	—	
	Red spruce	50	—	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
247C—Lyme fine sandy loam, 8 to 15 percent slopes, very stony				
Lyme, very stony	Balsam fir	50	—	—
	Eastern white pine	65	—	
	Red maple	65	—	
	Red spruce	50	—	
273E—Berkshire, Monadnock, and Hermon soils, 15 to 35 percent slopes, extremely bouldery				
Berkshire, extremely bouldery	Balsam fir	59	—	—
	Eastern white pine	68	—	
	Paper birch	68	—	
	Red pine	62	—	
	Red spruce	52	—	
	Sugar maple	55	—	
	White ash	65	—	
	White spruce	55	—	
	Yellow birch	54	—	
Monadnock, extremely bouldery	Eastern white pine	64	—	—
	Northern red oak	70	—	
	Red pine	61	—	
	Sugar maple	67	—	
	White ash	55	—	
	White spruce	55	—	
	Yellow birch	67	—	
Hermon, extremely bouldery	American beech	60	—	—
	Balsam fir	66	—	
	Black hills spruce	45	—	
	Eastern white pine	60	—	
	Northern red oak	83	—	
	Red spruce	45	—	
	Sugar maple	66	—	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
355C—Hermon sandy loam, 8 to 15 percent slopes, extremely bouldery				
Hermon, extremely bouldery	American beech	60	—	—
	Balsam fir	66	—	
	Black hills spruce	45	100.00	
	Eastern white pine	60	100.00	
	Northern red oak	83	—	
	Red pine	59	100.00	
	Red spruce	45	100.00	
	Sugar maple	66	29.00	
415A—Moosilauke loam, 0 to 3 percent slopes, very stony				
Moosilauke	Balsam fir	50	100.00	Eastern white pine, White spruce
	Eastern white pine	65	114.00	
	Red maple	65	43.00	
	Red spruce	55	129.00	
	Yellow birch	50	29.00	
415B—Moosilauke loam, 3 to 8 percent slopes, very stony				
Moosilauke	Balsam fir	50	100.00	Eastern white pine, White spruce
	Eastern white pine	65	114.00	
	Red maple	65	43.00	
	Red spruce	55	129.00	
	Yellow birch	50	29.00	
549A—Peacham mucky peat, 0 to 8 percent slopes, very stony				
Peacham, very stony	Balsam fir	55	—	—
	Eastern white pine	67	—	
	Red maple	60	—	
	Red spruce	32	—	
	White spruce	53	—	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
670C—Tunbridge-Berkshire-Lyman complex, 8 to 15 percent slopes				
Tunbridge	Balsam fir	49	—	Balsam fir, Blue spruce, Douglas-fir, Eastern white pine, Fraser fir, Larch, Norway spruce, Red spruce, White spruce
	Eastern white pine	75	86.00	
	Northern red oak	68	—	
	Paper birch	78	—	
	Red spruce	44	114.00	
	Sugar maple	61	43.00	
	White ash	68	43.00	
	White spruce	59	129.00	
	Yellow birch	58	29.00	
Berkshire	Balsam fir	59	114.00	Balsam fir, Douglas-fir, Eastern white pine, Red pine, White spruce
	Eastern white pine	68	129.00	
	Paper birch	68	57.00	
	Red pine	62	114.00	
	Red spruce	52	114.00	
	Sugar maple	55	29.00	
	White ash	65	43.00	
	White spruce	55	129.00	
	Yellow birch	54	29.00	
Lyman	Balsam fir	48	114.00	Austrian pine, Balsam fir, Eastern white pine, White spruce
	Eastern white pine	56	—	
	Northern red oak	53	—	
	Red spruce	41	86.00	
	Sugar maple	50	29.00	
	White ash	56	—	
	White spruce	55	129.00	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
670D—Tunbridge-Berkshire-Lyman complex, 15 to 25 percent slopes				
Tunbridge	Balsam fir	49	—	Balsam fir, Blue spruce, Douglas-fir, Eastern white pine, Fraser fir, Larch, Norway spruce, Red spruce, White spruce
	Eastern white pine	75	86.00	
	Northern red oak	68	—	
	Paper birch	78	—	
	Red spruce	44	114.00	
	Sugar maple	61	43.00	
	White ash	68	43.00	
	White spruce	59	129.00	
	Yellow birch	58	29.00	
Berkshire	Balsam fir	59	114.00	Balsam fir, Douglas-fir, Eastern white pine, Red pine, White spruce
	Eastern white pine	68	129.00	
	Paper birch	68	57.00	
	Red pine	62	114.00	
	Red spruce	52	114.00	
	Sugar maple	55	29.00	
	White ash	65	43.00	
	White spruce	55	129.00	
	Yellow birch	54	29.00	
Lyman	Balsam fir	48	114.00	Austrian pine, Balsam fir, Eastern white pine, White spruce
	Eastern white pine	56	—	
	Northern red oak	53	—	
	Red spruce	41	86.00	
	Sugar maple	50	29.00	
	White ash	56	—	
	White spruce	55	129.00	
895A—Bucksport muck, 0 to 2 percent slopes				
Bucksport	Balsam fir	40	—	—
	Black spruce	15	—	
	Silver maple	78	—	

Forestland Productivity--Coos County Area, New Hampshire				
Map unit symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site Index	Volume of wood fiber	
			<i>Cu ft/ac/yr</i>	
897A—Peacham, Bucksport, and Rumney soils, 0 to 2 percent slopes, ponded				
Bucksport	Balsam fir	30	57.00	—
	Black spruce	25	29.00	
	Eastern white cedar	—	0.00	
	Gray birch	—	0.00	
	Red maple	—	0.00	
	Tamarack	—	0.00	
Peacham	Black spruce	—	0.00	—
	Eastern white cedar	—	0.00	
	Eastern white pine	—	0.00	
	European alder	—	0.00	
	Red maple	60	43.00	
	Red spruce	—	0.00	
	Tamarack	—	0.00	
Rumney	Eastern white pine	56	100.00	Eastern white cedar, Eastern white pine, White spruce
	Red maple	65	43.00	
	Red spruce	45	100.00	
W—Water				
Water	—	—	—	—

Data Source Information

Soil Survey Area: Coos County Area, New Hampshire

Survey Area Data: Version 28, Sep 12, 2022