

**DES Waste Management Division  
29 Hazen Drive; PO Box 95  
Concord, NH 03302-0095**

**Annual Post-Closure Report 2021  
Grove Road Municipal Landfill  
Grove Road  
Rye, NH 03870**

**NHDES Site #: 123456789  
Project Type: LAND/UNLN  
Project Number: 0002039**

Prepared For:  
Town of Rye  
10 Central Road  
Rye, NH 03870  
Phone Number (603) 964-5523  
RP Contact Name: Becky Bergeron  
RP Contact Email: bbergeron@town.rye.nh.us

Prepared By:  
CMA Engineers, Inc.  
35 Bow Street  
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Date of Report: March 22, 2022



# Instructions for Completing the ANNUAL POST-CLOSURE REPORT For Inactive (Closed) Solid Waste Landfills Reporting Year 2021



Complete all five pages of the Post-Closure Report (PCR) form for the **2021 calendar year (January 1 - December 31)**. Write only in the fields provided. If more space is needed to complete a section, attach additional pages and note at the bottom of the form how many additional pages are attached. Detailed section by section instructions are provided below. Submit the completed signed report to NHDES no later than **March 31, 2022**. Keep a copy of the completed report in the landfill's closure record.

You may obtain a copy of the NH Solid Waste Rules, [Env-Sw 100 et seq.](#), via [www.des.nh.gov](http://www.des.nh.gov) or by contacting the NHDES Public Information Office at (603) 271-8876.

For additional assistance in completing your PCR, contact the NHDES Solid Waste Management Bureau at (603) 271-2925 or [solidwasteinfo@des.nh.gov](mailto:solidwasteinfo@des.nh.gov).

## **SECTION 1 (Page 1) - Facility Identification**

**Facility Name:** The name of the landfill as listed on the solid waste permit.

**Physical Street Address:** The physical location of the landfill. Do NOT provide a PO Box address.

**Municipality:** The city, town, village, etc. in New Hampshire where the landfill is physically located.

**Solid Waste Facility Permit Number:** The solid waste permit number that is listed on the solid waste permit. This number typically starts with "DES" or "DPHS". Do not confuse this permit number with the permit number of your Groundwater Monitoring or Release Detection Permit.

## **SECTION 2 (Page 1) - Permittee Information**

**Permittee:** The individual or entity (e.g., Town) to whom the permit is issued.

**Mailing Address, Town/City, State, Zip Code:** The address that the permittee uses to receive mail.

**Email Address:** A current and frequently checked email address of the permittee. This is optional, but highly recommended as the best way to ensure you receive timely information from NHDES.

**Daytime Phone Number:** The daytime telephone number of the permittee, with area code.

## **SECTION 3 (Page 1) - Contact Person**

**Name:** The name of the person NHDES should contact concerning post-closure activities at the landfill. This person may be different than the person who is signing in Section 8. The name you provide will be entered in our database as the contact person for this landfill until you notify us otherwise.

**Job Title:** The job or position title of the contact person.

**Affiliation:** The name of the company, municipality or other entity for which the contact person works.

**Email Address:** A current and frequently checked email address of the contact person. This is optional, but highly recommended as the best way to ensure you receive timely information from NHDES.

**Daytime Phone Number:** The daytime telephone number of the contact person, with area code.

## **SECTION 4 (Page 1-4) - Inspections**

Provide each date that the landfill was inspected during the reporting year. Closed landfills must be inspected at least twice per year (see [Env-Sw 807.05\(g\)](#)) and more frequently when specified in the landfill's approved post-closure inspection, monitoring, and maintenance plan. NHDES recommends that the twice yearly inspections occur in the spring and fall. Inspection reports are due to NHDES within 30 days of completing the inspection (see [Env-Sw 807.05\(h\)](#)). **Summarize** the inspection findings from throughout the year using pages 2-4 of the PCR form, and attach supporting documentation as appropriate.

## **SECTION 5 (Page 4) - Action Items Summary**

This Section is your "To-Do List". Reportable "Action Items" are conditions at the landfill requiring maintenance, repair, or other corrective action to ensure the short and long-term integrity and proper performance of the landfill's various closure systems. Landfill closure systems include the capping system (or cover materials if there is no engineered capping system); the stormwater management system; the decomposition gas management system (e.g., probes, vents); the groundwater monitoring system; access

ways/roads; access control features (e.g., fences, gates, signs), and other landfill specific features (e.g., leachate collection and storage systems, tanks, vaults, pumps, alarms, etc.). Action Items are identified during the inspections you conduct, and as a result of the assessment of environmental monitoring. To identify Action Items to be reported in this PCR:

- (1) First: Look back at **last year's** PCR and list in column #1, all Action Items from that report that **were not completed during that year**, but **were completed during this reporting year**, note in column #2 that the item has been carried forward from a prior reporting year, and provide in column #3 the date the work was completed during this reporting year.

**(Why? Because Action Items occurring in but not completed during prior years, are still Action Items that require your attention. Only after an Action Item is completed and reported as completed, should you then stop reporting it. In other words, all Action Items stay on your "To-Do List" until you complete them or take them off the list for other valid reasons. And, we need to know when you have "crossed it off" your To-Do List.)**

Attach proof of action item completion such as labeled and dated photographs, record drawings, and project completion documentation, or if previously submitted to NHDES during the reporting year, provide reference to the submittal by date.

- (2) Next: List in column #1 all Action Items carried forward from the prior reporting year that **were not completed during this reporting year**, note them as such in column #2, and provide in column #5 the anticipated date they will be addressed. Attach additional information as appropriate to document the current status of/progress toward completing each incomplete Action Item carried forward from the prior reporting year(s).
- (3) Lastly: List in column #1 any other conditions at the landfill identified **during this reporting year** requiring maintenance, repair, or other corrective action to ensure the integrity of the landfill's various closure systems. Skip column #2, which is not relevant. In column #3, identify the date that each required corrective action was completed or in column #4 provide the date by which the work is anticipated to be completed. Attach additional information as appropriate to document the current status of/progress toward completing the Action Item.

**NOTE: Action items are the responsibility of the permittee to address, without prompting by NHDES. Your landfill is a containment system for waste. The waste may still pose a risk to public health, safety and the environment if not properly contained. Even very old waste can pose unknown risks. Climate change, including extreme weather events, emerging contaminants, including PFAS and 1,4 dioxane, aging infrastructure, and changes in surrounding land use, are all factors to consider when assessing needs at your closed landfill. Caretaking your landfill's various closure systems is important to ensuring the waste is properly contained. Regular maintenance of the landfill, and repairing small problems before they can become big problems, is also the best way to protect the investment you made to close and cap the landfill in order to protect public health, safety and the environment. Just as you need to maintain and repair the roof and gutter system on your home to keep it from leaking, you must likewise maintain and repair the capping and other closure systems at your landfill to ensure it continues to perform as a containment system. NHDES expects all permittees to independently address their Action Items in a timely manner and to report the same for record.**

#### **SECTION 6 (Page 5) - Summary and Assessment of Environmental Monitoring**

Assessing the post-closure performance of your landfill is important to determining when the frequency and scope of post-closure monitoring and maintenance requirements, as specified in your permit and the NH Solid Waste Rules, can be adjusted, so that the landfill eventually can be placed under a custodial level of care. The assessment is necessary to determine how well the facility is progressing toward meeting the ultimate post-closure performance standards stated in [Env-Sw 807.04](#), paraphrased as follows:

- (a) Is the facility still generating leachate? Typically evidenced by interpreting and assessing groundwater monitoring data and data trends, as well as leachate quality data and data trends (if the facility has a leachate collection system), and observations of leachate breakouts or seeps;
- (b) Is the facility still generating decomposition gases? Typically evidenced by interpreting and assessing

landfill gas monitoring data collected at vents, soil probes, and other monitoring points, such as inside nearby structures, and data trends, with due consideration of seasonal, atmospheric and other conditions noted when the data is collected;

- (c) Has the capping system achieved maximum settlement and retained its functional integrity? Typically evidenced by data from settlement surveys conducted over time, and data trends, with assessment of capping system tolerances, and visual observations of the landfill surface for differential settlement/depressions, ponding, protruding waste, apparent wrinkles in underlying synthetic capping materials, and other conditions attributable to settlement, displacement or loss of continuity of capping materials;
- (d) Is the facility having an adverse impact to air, groundwater or surface water quality? Typically evidenced by any number of inspection observations and data assessments; and
- (e) Does the facility otherwise pose a risk to human health or the environment? Typically, facilities that contain waste in a system that requires inspection, monitoring and maintenance pose some risk.

In this section of your PCR, provide a **summary** of all environmental monitoring performed at or for the landfill during the reporting year and an **assessment** of the information relevant to achieving or making progress toward achieving the above-referenced performance standards/expectations. Use multiple lines of evidence collected during inspections and monitoring events to support the assessment. Include a statement from a qualified professional **engineer** as to whether the landfill is achieving the post-closure performance standards and whether adjustments to the approved post-closure monitoring and maintenance period or provisions are justified and recommended. [See Env-Sw 1105.14\(f\)](#).

While not required, NHDES recommends that an updated site plan be provided with the summary and assessment, showing the locations and designations of environmental monitoring points (e.g., gas probes) and landfill systems.

#### ***SECTION 7 (Page 5) - Additional Information***

Use this section to provide additional information or explanation related to the landfill or information provided elsewhere in this report.

#### ***SECTION 8 (Page 5) - Signature***

While any individual may fill out the PCR, only the permittee may sign the form. The permittee is the individual or entity that holds the permit. Most permits are not issued to/held by individuals. Rather, they are held by lawfully established companies, associations, or political subdivisions such as cities, towns or districts. If the permittee is other than an individual, the PCR must be signed by an individual duly authorized to sign for the permittee. For example, if the permittee is a municipality, a municipal official or municipal employee who is authorized to sign for the municipality can typically sign the report. Accordingly, provide the signature and title/affiliation of the duly authorized signatory. If the permittee has granted signatory authority to an environmental or engineering consultant or contractor, please include a copy of the authorization. See [Env-Sw 303.04\(b\)](#).

While not required, NHDES recommends that the permittee keep a copy of the completed PCR.

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# ANNUAL POST-CLOSURE REPORT

## Inactive (Closed) Solid Waste Landfills

### Reporting Year 2021



Waste Management Division, SWMB

[RSA 149-M](#) / [Env-Sw 1105.07\(b\)\(2\)](#), [Env-Sw 1105.14](#), & [Env-Sw 807.05\(i\)](#)

Complete and return this form by **MARCH 31, 2022**.

#### 1. Facility Identification [[Env-Sw 1105.14\(a\)](#)]

Facility Name Grove Road Municipal Landfill	
Physical Street Address Grove Rd	
Municipality Rye	Solid Waste Facility Permit Number SW-Tp-95-003

#### 2. Permittee Information [[Env-Sw 1105.14\(b\)](#)]

Permittee Town of Rye		
Mailing Address 10 Central Rd		
Town/City Rye	State NH	ZIP Code 03870
Email Address	Daytime Phone Number (    )    -	

#### 3. Contact Person [[Env-Sw 1105.14\(d\)](#)] Check this box if this information has changed from last year.

Name Rebecca Bergeron	Job Title Town Administrator
Affiliation	
Email Address bbergeron@town.rye.nh.us	Daytime Phone Number (603) 964-5523

#### 4. Inspections [[Env-Sw 807.05\(g\)](#)]

Date of Inspection	Inspector	Date Inspection Report Submitted to NHDES*
06/01/2021	Jodie Bray Strickland, P.E.	/ /
11/17/2021	Jodie Bray Strickland, P.E.	/ /
/ /2021		/ /
/ /2021		/ /

\* Inspection reports are due 30 days following the inspection. See [Env-Sw 807.05\(h\)](#). If you did not submit the inspection reports for this reporting year, attach them and check this box .

SUMMARY OF INSPECTION FINDINGS				
A. General Site Condition	Yes	No	N/A	Describe Condition
1. Is access to the landfill restricted by use of gates, fences or natural barriers? Ref <a href="#">Env-Sw 807.03(b)(11)</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2. Are weather-resistant legible signs posted around the perimeter of the landfill in areas where fencing is not used? Ref <a href="#">Env-Sw 807.03(b)(11)</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Is the access road(s) properly graded and drained? Ref <a href="#">Env-Sw 806.08(c)</a>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Is any portion of the site used for activities other than post-closure monitoring and maintenance? If you answered "yes," list these activities in Section 7 (Additional Information). For each activity, indicate if it is on or off cap/cover. Ref <a href="#">Env-Sw 807.05(o)</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
5. Are all groundwater monitoring wells accessible and in good condition? Ref <a href="#">Env-Sw 807.03(b)(8)</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See attached.
6. Is the surface water monitoring system functioning and maintained? Ref <a href="#">Env-Sw 807.03(b)(8)</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
B. Stormwater System Condition [Ref <a href="#">Env-Sw 807.03(b)(5)</a> ]	Yes	No	N/A	Describe Condition
1. Are the sedimentation/detention ponds maintained (e.g., sedimentation removed, no overgrown vegetation)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Are culverts intact and free of obstructions?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Are perimeter drainage swales/ditches well maintained, unobstructed, and free flowing?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Do all drainage swales have positive drainage?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Are the methods used to control surface water well maintained (e.g., berms, benches)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Are runoff channels protected to prevent scour and erosion that creates sediment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Is there evidence of erosion (e.g., sedimentation in drainage ditches and ponds)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Are storm drains in good condition (e.g., frame, grate, wall joints, pumps, sumps, pipes, inlet and outlet stone)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C. Decomposition Gas Control System [Ref <a href="#">Env-Sw 807.03(b)(9)</a> ]	Yes	No	N/A	Describe Condition
1. Is the gas management system: <input type="checkbox"/> Passive OR <input type="checkbox"/> Active			<input checked="" type="checkbox"/>	
2. If the facility has an active gas management system, are all components of the system in good working order (e.g., blower, flare)? Date the system was last tested:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. If the facility has a passive gas management system, are all gas vents in good condition and functional (e.g., vent cap, riser pipe)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. Are all soil gas probes in good condition and functional?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Are all indoor air quality monitors in good condition and functional?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Are there any landfill odors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
7. Is there evidence of stressed (e.g., damaged/weakened) vegetation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

<b>C. Decomposition Gas Control System</b> [Ref <a href="#">Env-Sw 807.03(b)(9)</a> ]	Yes	No	N/A	Describe Condition
8. Is the permittee required to monitor methane generation from the landfill? <b>If “no,” provide an explanation in Section 7 (Additional Information).</b> If “yes,” answer the following questions in this section and attach a summary table of all methane data collected; include data from vents, soil probes, and indoor air quality monitors (as applicable). Evaluate any trends in Section 6 (Summary and Assessment).	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
I. For this calendar reporting year, have methane levels exceeded 25% of the LEL inside any on or off-site structures? Ref <a href="#">Env-Sw 806.07(b)(1)</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
II. For this calendar reporting year, have methane levels exceeded 50% of the LEL at the property line within the soil? Ref <a href="#">Env-Sw 806.07(b)(2)</a>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
III. If “yes” to question I. or II. above, did the permittee implement contingency procedures to ensure protection of public health & safety; and notify NHDES immediately?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

<b>D. Cap (Cover) Condition</b> [Ref <a href="#">Env-Sw 807.03(b)(4)</a> ]	Yes	No	N/A	Describe Condition
1. Is cap settlement uniform? (i.e. <b>No</b> visual evidence of depressions, water ponding, cracking, and/or sloughing)	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2. Is an instrument survey of the cap required? Ref <a href="#">Env-Sw 807.03(b)(10)</a> If “yes,” attach a summary table of all survey data collected, and provide an evaluation of any trends. Date(s) of the survey conducted this reporting year:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
3. Does cap slope promote runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
4. Is the cap mowed on a regular basis? NHDES recommends that landfills be mowed twice per year. Date(s) the landfill was mowed for this reporting year:	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
5. Is there evidence of erosion (e.g., erosion rills, exposed soil)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
6. Is the vegetative layer in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
7. Is there evidence of damage due to unauthorized access?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8. Is there evidence of damage due to burrowing animals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		



<b>E. Leachate Collection and Leak Detection Systems</b> [Ref <a href="#">Env-Sw 807.03(b)(6)</a> & <a href="#">Env-Sw 807.03(b)(7)</a> ]	Yes	No	N/A	Describe Condition
1. Are there any leachate breakouts or seeps, either on or off the landfill property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
2. Does the landfill have a leachate collection and/or leak detection system? If "yes," answer the following:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
I. Are leachate collection and leak detection system appurtenances functioning properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
II. Is leachate stored on-site prior to disposal? If "yes," what quantity of leachate is currently stored on-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
III. Is leachate properly removed and disposed of on a periodic basis? If "yes," what is the frequency of disposal and the disposal destination?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**5. Action Items Summary**

Action Item	Carried Forward from 2019?		Date Completed	Date to be Completed	Information Attached?
Trim brush and remove fallen tree at MW-101	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	2021		<input checked="" type="checkbox"/>
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			<input type="checkbox"/>
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			<input type="checkbox"/>
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			<input type="checkbox"/>
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			<input type="checkbox"/>
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			<input type="checkbox"/>
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			<input type="checkbox"/>
	<input type="checkbox"/> Yes	<input type="checkbox"/> No			<input type="checkbox"/>

**6. Summary and Assessment [Ref Env-Sw 807.05(i) & Env-Sw 1105.14(f)]** Use additional sheets if necessary.

See attached.

**7. Additional Information** Use additional sheets if necessary.

**8. Signature**

*By signing below, I affirm that the material and information submitted in this report is correct and complete to the best of my knowledge and belief, and that I am the permittee or a person duly authorized to sign for the permittee.*

Rebecca Bergeron  
Signature of Permittee or Duly Authorized Individual

3.22.2022  
Date

Rebecca Bergeron  
Printed Name of Signatory

Town Administrator  
Title / Permittee Affiliation

This report contains 10 attached pages.

**Form Submittal Instructions:**

Please submit the completed form in PDF via email to [solidwasteinfo@des.nh.gov](mailto:solidwasteinfo@des.nh.gov) or upload to [NHDES' OneStop Data Provider](#) portal using the universal solid waste management site code "123456789." If you are not registered as a Data Provider, you may complete a [registration form](#) to request a username, pin and password. **Please do not submit a paper copy of the completed form unless that is your only means to submit.** If you must submit the PCR in paper form, for tracking purposes please notify us by email, sent to [solidwasteinfo@des.nh.gov](mailto:solidwasteinfo@des.nh.gov), that you have submitted the PCR in paper form.

While not required, NHDES recommends that the permittee keep a copy of the completed PCR.

Grove Road Municipal Landfill  
Solid Waste Facility Permit # SW-TP-95-003  
Post Closure 2021 Report

**Section 5 - Action Items Summary**

*Photos 1 & 2* – There was significant brush and downed tree limbs obstructing access to MW-101 in 2020, the Town trimmed this back in 2021.



Photo 1 - Tree and brush at MW-101 in 2020.



Photo 2 - Cleared tree and brush in 2021.

Grove Road Municipal Landfill  
Solid Waste Facility Permit # SW-TP-95-003  
Post Closure 2021 Report

### **Section 6 - Summary and Assessment of Environmental Monitoring**

Per NHDES guidance, inspections of the Grove Road Landfill occurred twice in 2020 in May and December. Inspections include assessment of monitoring wells and the capping surface.

The landfill surface shows no signs of erosion.

The landfill surface is not generally mowed. Vegetation is healthy with no sparse areas. All slopes are stable. There is no evidence of differential settling.

Groundwater monitoring wells were observed to be in good condition. Groundwater is monitored once a year in May. The concentration of manganese detected at MW-101 (0.56 mg/L) exceeded the ambient groundwater quality standard (AGQS) of 0.3 mg/L. Volatile organic compounds were analyzed in 2021 and all were below their respective AGQS in all wells. Per- and polyfluoroalkyl substances (PFAS) were analyzed at five wells in 2021. There were concentrations detected that exceeded the AGQS (18 ng/L) of PFHxS at MW-6 (24.4 ng/L). There were also detected concentrations that exceeded the AGQS of PFOA (12 ng/L) at MW-6 (55.4 ng/L) and MW-101 (50.4 ng/L). In addition, detected concentrations of PFOS exceeded the AGQS (15 ng/L) at MW-6 (46.5 ng/L) and at MW-101 (40.8 ng/L). Water quality summary tables have been submitted with the groundwater summary and are not provided herein.

The Grove Road Municipal Landfill is registered as a pre-July 10, 1981 landfill through NHDES and therefore was not subject to closure requirements under the NHDES Solid Waste Rules. However, we believe that the landfill is achieving post-closure performance standards, as evidenced by stable groundwater quality, and recommend no adjustments to the current post-closure monitoring and maintenance period.

We have attached an updated site plan that shows environmental monitoring points.

Grove Road Municipal Landfill  
Solid Waste Facility Permit # SW-TP-95-003  
Site Inspection Report  
Site Inspection June 1, 2021, by Jodie Bray Strickland, P.E.

General Site Conditions:

The gate is in good, working condition and bars the site from vehicular traffic. The access roadway is well graded and properly drained. All groundwater monitoring wells are in good condition and accessible. The brush and downed tree at MW-101 have been removed.

Decomposition Gas Control System:

Landfill gas decomposition is not monitored or controlled, however there are no landfill odors or evidence of stressed vegetation.

Cap Condition:

This landfill was "closed" with sands, gravels and silty sands. The landfill surface shows no evidence of erosion. The landfill surface is not generally mowed and vegetation is maintained.

Leachate Collection and Leak Detection Systems:

There are no leachate breakouts or seeps on or off the property.

Grove Road Municipal Landfill  
Solid Waste Facility Permit # SW-TP-95-003  
Site Inspection Report  
Site Inspection November 17, 2021, by Jodie Bray Strickland, P.E.

General Site Conditions:

The gate is in good, working condition and bars the site from vehicular traffic. The access roadway is well graded and properly drained. All groundwater monitoring wells are in good condition and accessible.

Decomposition Gas Control System:

Landfill gas decomposition is not monitored or controlled, however there are no landfill odors or evidence of stressed vegetation.

Cap Condition:

This landfill was "closed" with sands, gravels and silty sands. The landfill surface shows no evidence of erosion. The landfill surface is not generally mowed and vegetation is maintained.

Leachate Collection and Leak Detection Systems:

There are no leachate breakouts or seeps on or off the property.

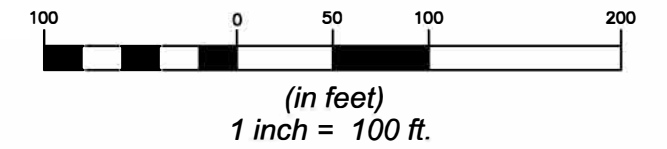


**Notes:**

1. Base topography by Eastern Topographics, Inc. and provided by Roy F. Weston, Inc.
2. Property line survey based on survey performed by Richard P. Millette and Assoc. Imported onto plan using common monitoring points.

**Legend:**

- 80 — 10' Contour
- Edge of Pavement
- ~ Treeline
- MW-5 (W) Groundwater Monitoring Well
- Property Line



**CMA**  
**ENGINEERS**  
 CIVIL/ENVIRONMENTAL/STRUCTURAL  
 Portsmouth, NH • Manchester, NH • Portland, ME  
 603/431-6196 • 603/627-0708 • 207/541-4223  
 c m a e n g i n e e r s . c o m

Town of Rye, NH  
 Grove Road Municipal Landfill  
 Rye, New Hampshire

Site Plan

Figure 1

Scale: 1" = 100'