



# ANNUAL FACILITY REPORT

## Active Solid Waste Facilities

### Reporting Year 2019



Complete and return this form by **MARCH 31** to:

NHDES, Waste Management Division, SWMB  
 PO Box 95, Concord, NH 03302-0095  
 (603) 271-2925 or [solidwasteinfo@des.nh.gov](mailto:solidwasteinfo@des.nh.gov)  
<https://www.des.nh.gov>

RSA 149-M/Env-Sw 1105.07

#### 1. Facility Identification (Env-Sw 1105.13(a))

Facility Name <b>AVRRDD - MT. CARBERRY LANDFILL</b>	
Physical Street Address <b>BEAN BROOK ROAD</b>	
Town/City <b>SUCCESS, NH</b>	Permit Number <b>DES-SW-88-029</b>

#### 2. Permittee Information (Env-Sw 1105.13(b))

Name <b>ANDROSCOGGIN VALLEY REGIONAL REFUSE DISPOSAL DISTRICT</b>		
Mailing Address <b>P.O. BOX 336</b>		
Town/City <b>BERLIN</b>	State <b>NH.</b>	ZIP Code <b>03570</b>
Email Address <b>sgauthier@avrdd.org</b>		Daytime Phone Number <b>(603) 752-3342</b>

#### 3. Contact Person

Name <b>SHARON E. GAUTHIER</b>	Job Title <b>EXECUTIVE DIRECTOR</b>
Affiliation <b>ANDROSCOGGIN VALLEY REGIONAL REFUSE DISPOSAL DISTRICT</b>	
Email Address <b>sgauthier@avrdd.org</b>	Daytime Phone Number <b>(603) 752-3342</b>

#### 4. Facility Status (Env-Sw 1105.13(d))

<input checked="" type="checkbox"/> Operated the entire calendar year.
<input type="checkbox"/> Did not operate in the calendar year.
<input type="checkbox"/> Operated part of the calendar year only.
Started operating on ____ / ____ / 2019      Stopped operating on ____ / ____ / 2019 <div style="display: flex; justify-content: space-around; width: 100%;"> <span>Month / Day</span> <span>Month / Day</span> </div>

#### 5. Facility Status – Operating Landfills Only (Env-Sw 1105.13(d))

**SEE REPORT ATTACHED**

Estimated remaining life (in years).
Estimated remaining permitted capacity (in cubic yards) as of 12/31/2019.
Attach a <u>brief</u> summary of facility inspection and maintenance activities in accordance with Env-Sw 806.08(j).

**6. Facility Operator Information (Env-Sw 1105.13(c))**

Name	Certificate Number	Expiration Date	Still Working at Facility as of December 31?
1. MATHEW HENRY	2982	5/8/20	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
2. TIMOTHY FISKE	1465	5/8/20	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. PAUL LABRECQUE	2930	5/8/20	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. BRUCE HAMILTON	5078	4/19/20	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. DOUGLAS HILL	5402	1/29/21	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Additional Facility Operator Information is attached to this Annual Facility Report.

**7. Waste and Recyclables Received & Shipped (Env-Sw 1105.13(e), Env-Sw 1105.13(f))**

SEE ATTACHED REPORT

**Type of Waste**

Note: Universal Wastes and Used Oil are included in Section 11, so do not enter them here.

<input checked="" type="checkbox"/> Ash	<input type="checkbox"/> Electronic Waste	<input type="checkbox"/> Scrap Metal
<input checked="" type="checkbox"/> Asbestos	<input type="checkbox"/> Food Waste	<input type="checkbox"/> White Goods
<input checked="" type="checkbox"/> Bulky Waste	<input type="checkbox"/> Infectious Waste	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> C&D Debris	<input checked="" type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Recyclable Materials	<input type="checkbox"/> Other:

**Quantity of Waste**

Quantity of Waste Received		Quantity of Waste Shipped	
Non-Recyclable Waste Received:		Non-Recyclable Waste Shipped: N/A	
From NH Sources	tons	To NH Destinations	tons
From Out-of-State Sources	tons	To Out-of-State Destinations	tons
Total Received	tons	Total Shipped	tons
Recyclables Received: SEE REPORT ATTACHED		Recyclables Shipped:	
From NH Sources	tons	To NH Destinations	tons
From Out-of-State Sources	tons	To Out-of-State Destinations	tons
Total Received	tons	Total Shipped	tons

**8. Estimated Quantity of Waste Stored at the Facility as of December 31, 2019 (Env-Sw 1105.13(i))**

N/A

Type of Waste	Quantity Onsite as of Dec. 31	Type of Waste	Quantity Onsite as of Dec. 31
Ash	tons	Municipal Solid Waste	tons
Asbestos	tons	Recyclable Materials	tons
Bulky Waste	tons	Scrap Metal	tons
C&D Debris	tons	White Goods	tons
Contaminated Soil	tons	Other:	
Electronic Waste	tons	Other:	
Food Waste	tons	Other:	
Infectious Waste	tons	Other:	

**9. Bypass and Residual Waste (Env-Sw 1105.13(g))**

Note: Please refer to the instructions for definitions of bypass waste and residual waste.

Waste	Total Quantity Generated	Quantity Shipped to NH Destination(s)	Quantity Shipped to Out-of-State Destination(s)
Bypass Waste	tons	tons	tons
Residual Waste	tons	tons	tons
Leachate	23,166,211 gallons	N/A gallons	N/A gallons

*PIPED TO CITY OF BERLIN WASTEWATER TREATMENT PLANT*

**10. Facilities Producing Certified Waste-Derived Products (Env-Sw 1105.13(h))**

Type of Waste-Derived Product Produced	Quantity Produced	Quantity Distributed for Use	Estimated Quantity Stored at Facility as of December 31
	tons	tons	tons
	tons	tons	tons
	tons	tons	tons
	tons	tons	tons

I certify that all waste-derived products distributed by the facility for use met the applicable standards for distribution and use pursuant to Env-Sw 1500.

OR

I CAN NOT certify that all waste-derived products distributed by the facility for use met the applicable standards for distribution and use pursuant to Env-Sw 1500, and have attached a detailed explanation of the situation and actions taken or being taken to remedy the problem.

**11. Other Activities Taking Place at the Facility**

<input type="checkbox"/> Burn Pile	<input type="checkbox"/> Refrigerant Removal	<input type="checkbox"/> Swap Shop
<input type="checkbox"/> Food Waste Composting	<input checked="" type="checkbox"/> Leaf & Yard Waste Composting <i>222,32 TONS (NOT LANDFILL) ON PROPERTY</i>	<input checked="" type="checkbox"/> Other: <i>GLASS CRUSHED &amp; USED AS COVER</i>
<input type="checkbox"/> Used Oil Collection	<input type="checkbox"/> Sharps Collection	<input type="checkbox"/> Other:
<input type="checkbox"/> Used Oil Burner: EPA ID No. NHD		
Universal Waste Collection		
<input type="checkbox"/> Antifreeze	<input type="checkbox"/> Batteries (Rechargeable)	<input type="checkbox"/> Fluorescent Lamps
<input type="checkbox"/> Batteries (Automotive)	<input type="checkbox"/> Cathode Ray Tubes (CRTs)	<input type="checkbox"/> Mercury-Containing Devices

**12. Summary and Assessment of Environmental Monitoring (Env-Sw 1105.13(j))**

- None required and none undertaken.
- None required, but environmental monitoring was undertaken voluntarily. A summary and assessment of the environmental monitoring is attached.

Environmental monitoring is required by this facility's permit and/or the Solid Waste Rules. A summary is:

Attached to this report; or

Provided in the following documents previously submitted to NHDES as indicated below:

Date Submitted	Title of Document	Type of Monitoring
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**13. Public Benefit Discussion (Env-Sw 1105.13(k))**

- Permit does not include a public benefit condition. No discussion is required.
- Permit includes a public benefit condition. A discussion is attached to this report.

**14. Compliance Certification (Env-Sw 1105.13(l) or Env-Sw 1105.13(m))**

I certify that the facility is in compliance with the requirements of the following:

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>		The facility's current operating plan. <i>SEE ATTACHED</i>
<input type="checkbox"/>	<input type="checkbox"/>		All terms and conditions of the facility's permit. <i>SEE ATTACHED</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Env-Sw 900 for <u>asbestos, ash, contaminated soils, infectious waste, and/or tires.</u> <i>MLR</i>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Env-Hw 1100 for the management of Universal Wastes.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Env-Hw 807 for the management of Used Oil.
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Env-A 1000 for the operation of a burn pile.

If you checked "No" to any of the above, attach an explanation and proposed schedule for achieving compliance.

**15. Signature (Env-Sw 1105.13(o))**

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.

*Sharon E. Gauthier*  
 \_\_\_\_\_  
 Signature of Permittee or Duly Authorized Individual

*3/31/20*  
 \_\_\_\_\_  
 Date

*SHARON E. GAUTHIER*  
 \_\_\_\_\_  
 Printed Name

*EXECUTIVE DIRECTOR*  
 \_\_\_\_\_  
 Title

This report contains 14 attached pages.

2019 ANNUAL FACILITY REPORT			AVRRDD-MT. CARBERRY LANDFILL				
#6	FACILITY OPERATOR INFORMATION CONTINUED						
	Name		Cert. #	Expiration	Still working at facility as of December 31		
6	Alain Halle				YES	See letter attached	
7	Mark Nadeau		4040	3/6/2021	YES		
8	Vincent Donato		4076	9/4/2020	YES		
9	Roger Leclerc		6003	8/8/2020	YES		
10	Joshua Perreault		4773	1/11/2019	NO		
11	James Baillargeon		2071	5/8/2019	NO		
12	Michael Hachez		1823	5/8/2020	NO		
13	Jean Paul Lettre		1714	5/8/2020	NO		



The State of New Hampshire  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**



**Robert R. Scott, Commissioner**

March 16, 2020

ALAIN A HALLEE  
97 HILL RD  
DUMMER NH 03588-

**Subject: POSTPONED---March 24, 2020 Solid Waste Operator Basic Training  
Extension of Process Applicant Status for Solid Waste Facility Operator Certification**

In light of current public health concerns, the New Hampshire Department of Environmental Services (NHDES) is postponing your scheduled Solid Waste Operator Basic Training. Once we have set a date for the next training session, we will notify you and you will be automatically registered for the class. This letter extends your processed applicant status until the next scheduled class.

In the meantime, we encourage you to review the following documents, which should be on file at your facility.

- Best Management Practices for NH Solid Waste Operators
- The Operating Plan of the facility where you work

Please keep a copy of this letter for your records, and provide a copy to your employer, to be posted at the solid waste facility where you work.

If you have questions about this letter, please contact the Solid Waste Management Bureau at 271-3713 or 271-8155.

Sincerely,

Sincerely,

Tara Mae Albert, M.S.  
SWOT Coordinator  
Phone: (603) 271-3713  
Fax: (603) 271-2456  
E-mail: [tara.albert@des.nh.gov](mailto:tara.albert@des.nh.gov)

cc: MT CARBERRY LANDFILL 3 TWELFTH ST PO BOX 336 BERLIN NH 03570-

NHDES Web Site: [www.des.nh.gov](http://www.des.nh.gov)

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095,  
Telephone: (603) 271-2925 Fax: (603) 271-2456 TDD Access: Relay NH 1-800-735-2964

Mt. Carberry Secure Landfill

Annual Report – Additional Information

**Item 5. Facility Status**

Both the time and volume estimates below are based on the October 2019 annual survey and a permitted filling rate 305,500 cy/year. .

**Box 1 – Estimated Remaining Life (in years):**

- Estimated remaining life of Stage 5&6 as of 12/31/19 = 4.61 years (08/09/2024)
- Estimated remaining life of Stage 12 as of 12/31/19 = 6.94 years (12/06/2026)
- Estimated total remaining life through the end of Phase III as of 12/31/19= 29.88 years (11/07/2049)

**Box 2 – Estimated remaining permitted capacity (in cubic yards) as of 12/31/19:**

- Volume remaining in Stage 5&6 (Phases I&II) as of 12/31/19 = 1,409,000 cy
- Volume remaining in Stage 12 (Phases I&II) as of 12/31/19 = 2,119,000 cy
- Volume remaining in Phases III as of 12/31/19 = 7,008,000 cy
- Total Volume remaining in Phases I-III = 9,127,000 cy

**Box 3 – Attach a brief summary of inspection and maintenance activities in accordance with Env-Sw 806.08(j):**

In 2019, landfill personnel performed regular facility, infrastructure, and equipment inspections which include all items outlined in Env-Sw 806.08(c) as follows:

- Roads;
- Berms (Landfill, leachate storage pond, and stormwater detention pond);
- Active and inactive filling areas;
- Pipes;
- Vaults;
- Valves;
- Above ground storage tanks;
- Ponds;
- Equipment;
- Temporary, intermediate and final cover;
- Groundwater monitoring wells and piezometers; and
- Gas management devices.

Inspection records are kept at the facility and the District office. Operating data is provided to the NHDES in the quarterly landfill report.

Maintenance activities performed at the facility in 2019 include:

- In 2019 AVRRDD completed construction of the “2017 Leachate Sewer Improvements” project, which are long term improvements to the leachate collection system outside the landfill. The project was substantially completed in 2018 by the leachate storage pond and was fully completed in 2019.
- Completed replacement of piping PVC piping to HDPE on the 3” leachate forcemain lines where they were PVC in structures;
- Swept paved roads;
- Applied water to roads as necessary to control dust;
- Regraded and back-dragged gravel roads and shoulders
- Exercised valves;
- Mowing grass and other vegetation maintenance;
- Applying additional intermediate soil & ADC cover to inactive exposed areas as necessary;
- Patched existing temporary HDPE geomembrane cover as necessary;
- Placed additional temporary HDPE geomembrane cover;
- Regular landfill equipment maintenance and service;
- Camera inspection and hydrojetting of entire leachate sewer and into the landfill once in 2019 and cleaning of the 3” leachate force main twice in 2019;
- Regular leachate siphon flushing using the flushing pump;
- Litter cleanup;
- Repaired litter fence as necessary;
- Removed silt from stormwater swales, culverts, and ponds;
- Applied grass seed as necessary;
- Regraded borrow pits slopes as necessary;
- Repaired facility signage as necessary;
- Expanded landfill gas collection system into areas without collection
- Performed routine monitoring and reporting for leachate, groundwater, air monitoring and the landfill gas collection and control system; and
- General landfill gas system maintenance and equipment servicing.



Mt. Carberry Secure Landfill

Annual Report – Additional Information

***Item 12. Summary and Assessment of Environmental Monitoring in 2019 (Env-SW 1105.13(j))***

Environmental monitoring at the landfill was conducted during 2019 in accordance with the following permits:

- DES Solid Waste Landfill Permit – DES-SW-88-029;
- DES Groundwater Release Detection Permit was renewed in November 2019 – GWP-198706016-S-06;
- DES Title V Air Permit – TV-0057;
- EPA 2015 NPDES MSGP for Stormwater Discharges Associated with Industrial Activity – NHR053092 (Tracking Number); and
- City of Berlin Leachate Discharge Permit.

Required NHDES reporting is submitted to the NHDES per each respective permit. Records for the NPDES 2015 MSGP is maintained at the District offices and submitted electronically via USEPA's NetDMR website. The City of Berlin Leachate Discharge Reports are maintained at the District offices and on-site. In 2019, the results of monitoring have been in accordance with project requirements.

Similar to 2017 and 2018, groundwater quality sampling and analysis performed in 2019 detected multiple VOCs downgradient of the leachate storage pond at elevated concentrations. Of the VOCs detected, 1,4-dioxane and tert-butyl alcohol which were detected above each compound's respective ambient groundwater quality standard. PFOS standards were lowered on October 1, 2019 and PFOA was also detected above the AGQS by itself and PFOA and PFOS were detected above their combined AGQS. Multiple inorganic compounds were measured above background concentrations and manganese was detected above its AGQS. The corrective action plan (CAP) approved by NHDES on May 31, 2017, continues to be followed including increased groundwater quality monitoring at locations in the vicinity of the impacts, additional groundwater and infrastructure evaluations, groundwater pump-and-treat operations, and the replacement and rehabilitation of failed and aging leachate sewer infrastructure. In 2019, there was only one leachate related incident with the potential to affect groundwater. As reported to NHDES previously, a small amount of landfill gas condensate was released in May 2019. Both confirmatory rounds of sampling indicated no impacts from this incident in the groundwater quality.

See attached a summary table of compliance reporting including the date submitted, title of the report, and compliance category.

**AVRRDD - Mt. Carberry Secure Landfill**  
**2019 Summary and Assessment of Environmental Monitoring**

<b>Date Submitted</b>	<b>Title of Document</b>	<b>Type of Monitoring</b>
<b>REPORTS SUBMITTED TO NHDES</b>		
1/27/2019	2019 Annual Groundwater Report	Groundwater Quality
5/3/2019	1st 2019 Tri-annual Testing of Landfill Gas Composition	Air Quality
7/31/2019	2nd 2019 Tri-annual Testing of Landfill Gas Composition	Air Quality
10/25/2019	3rd 2019 Tri-annual Testing of Landfill Gas Composition	Air Quality
7/25/2019	1st 2019 Semi-annual Permit Deviation and Monitoring Report	Air Quality
1/22/2020	2nd 2019 Semi-annual Permit Deviation and Monitoring Report	Air Quality
7/12/2019	1st 2019 SEM and Monthly Cover Integrity Checks	Air Quality
9/26/2019	2nd 2019 SEM and Monthly Cover Integrity Checks	Air Quality
11/7/2019	3rd 2019 SEM and Monthly Cover Integrity Checks	Air Quality
12/16/2019	4th 2019 SEM and Monthly Cover Integrity Checks	Air Quality
4/30/2019	2019 1st Quarter Landfill Report	Solid Waste
7/31/2019	2019 2nd Quarter Landfill Report	Solid Waste
10/30/2019	2019 3rd Quarter Landfill Report	Solid Waste
1/28/2020	2019 4th Quarter Landfill Report	Solid Waste
<b>REPORTS SUBMITTED TO USEPA AND CITY OF BERLIN</b>		
3/2019	Q1 Visual Inspection	MSGP - Stormwater Quality
5/2019	Q2 Visual Inspection	MSGP - Stormwater Quality
9/1/2019	Q3 Visual Inspection	MSGP - Stormwater Quality
12/1/2019	Q4 Visual Inspection	MSGP - Stormwater Quality
1/29/2020	MSGP Annual Report	MSGP - Stormwater Quality
4/29/2019	2019 1st Quarter City Leachate Agreement Report	Leachate Quality
8/2019	2019 2nd Quarter City Leachate Agreement Report	Leachate Quality
10/21/2019	2019 3rd Quarter City Leachate Agreement Report	Leachate Quality
1/15/2020	2019 4th Quarter City Leachate Agreement Report	Leachate Quality

Mt. Carberry Secure Landfill

Annual Report – Additional Information

**Item 13. Public Benefit Discussion (Env-Sw 1105.13(k))**

The District provides substantial public benefit by:

- **Providing required capacity to the State of NH**

Per the February 11, 2005, NHDES Type I-B permit modification approval, “the landfill must remain in operation for 18 years from issuance of this permit, which corresponds to December 31, 2022.” As of December 31, 2019, the Mt. Carberry Secure Landfill has available remaining capacity to meet this permit requirement at current tonnage acceptance rates.

In addition to the permit requirement above, the AVRDD is a quasi-municipal RSA:53B waste management district serving its nine local community members and unincorporated places in Coos County, as listed below.

Berlin	Dummer	Errol
Gorham	Jefferson	Milan
Northumberland	Randolph	Stark
Coos County for Unincorporated Places		

In 2019 the Mt. Carberry Landfill directly served 14 additional communities, 11 of which are considered Northern New Hampshire communities, for disposal of municipal solid waste, C&D, bulky and other wastes. These 13 communities are located in the following NH counties:

Coos County	Carroll County	Sullivan County
Belknap County	Merrimack County	

Consistent with the original purpose of the landfill, the Mt. Carberry Landfill continues to provide dedicated disposal capacity to the Gorham Paper and Tissue mill located in Gorham, NH. The landfill also provides fuel to the mill in the form of landfill gas used in the mill’s main boilers. The mill is a vital component of the local economy and these disposal and energy arrangements are key elements in its economic viability.

The landfill also accepts various industrial generated solid wastes from the local biopower facility, Berlin Station, LLC, that cannot be recycled or reused.

In summary, the MCSL provides local waste management services to a large portion of the northern section of the state including municipal, commercial and industrial users. The rate of utilization of the currently permitted and operating Phase I & II portions of the landfill is within permit requirements for maintaining capacity through December 21, 2022 consistent with public benefit requirements.

- ***Assist the State to implement its waste management hierarchy goals***

The State waste management hierarchy and goals contain two principal components: the effect the facility will have on the State's ability to achieve a 40% minimum weight reduction in the solid waste stream on a per capita basis, and supporting the waste hierarchy which favors recycling and reuse over other waste disposal methods including discouraging the disposal of recyclable materials in landfills.

The District runs an integrated waste management system which includes two primary facilities, the AVRRDD Transfer Station and Material Recycling Facility (MRF) and the Mt. Carberry Secure Landfill (MCSL).

The District's Transfer Station and MRF provide for both residential drop-off and municipal and commercially collected recyclables and other special wastes. Recyclable fiber and containers are source separated and baled for maximum future reuse. The facility serves the ten member communities plus is open to outside communities, subject to agreements with AVRRDD, including availability to all communities served by the landfill. Each of the District communities has its own recycling collection system, which are a combination of curbside collection with direct drop-off at the MRF and local transfer stations where the recyclables are transferred to the MRF for processing.

Residents from any of the member communities can directly drop-off recyclables or other allowed materials at the transfer station. Reused wastes included crushed glass, and chipped wood used for landfill daily cover. Various special wastes, including several universal wastes are managed to keep these materials out of the landfill waste stream. AVRRDD also holds an annual household hazardous waste day at the MRF.

In addition to the recycling directly completed by the District, other communities which utilize the landfill provide recycling services through their municipal operations. A review was completed in 2017 of the communities that disposed of MSW at the MCSL and all communities were identified as having recycling available in their communities, primarily through recycling drop off centers.

The MCSL provides for reuse of several materials as alternate daily cover, including auto shredder residue, chipped wood, and crushed glass, as part of its operations. The MCSL provides disposal for several wastes for which there are not good alternatives to landfilling, including asbestos, contaminated soils and several industrial wastes including wastes from the paper mill.

- ***Achieve the goals of the AVRRDD and the State solid waste management plan***

Through operation of the AVRRDD Transfer Station and MRF and the MCSL, the District achieves the goals of its own solid waste management plan. The MCSL operation is consistent with the State's solid waste management plan.

Mt. Carberry Secure Landfill

Annual Report – Additional Information

***Item 14. Compliance Certification (Env-Sw 1105.13(l) or Env-Sw 1105.13(m))***

The Mt. Carberry Secure Landfill cannot certify that it is in compliance with Env-Sw 806.06(d)(1) and (2) due to the following items.

Env-Sw 806.05(b)(1) requires routine facility operations to not result in more than one foot of hydraulic head on the liner system. Hydraulic head as measured by the piezometric transducer system (Geokon) have reported head on liner above one foot in several cells at different periods in 2019. Multiple times throughout 2019, elevated head on liner was measured at VW-8A. This item was reported in the 2019 Quarterly Reports. During 2018 and 2019, GW-8A showed head on liner consistently the same day as storm events. It is believed that because GW-8A shows head on liner the same day as a storm event, stormwater is getting into the piezometer conduit and the piezometer is reading this as head on the liner. The location of the piezometer in the landfill cell is about 13 feet vertically lower than the accessible end of the conduit. The open air end of the conduit is not capped for the purpose of keeping the piezometer under atmospheric pressure. In addition, only the end of the conduit by the piezometer is perforated so it would take time for any water in the conduit to seep into the surrounding sand/waste. The District attempted to fix this situation in 2019 but VW-8A still appears to be experiencing storm events. Work in 2020 will include extending the PVC conduit for the VW-8A and VW-8B to prevent further stormwater intrusion.

At this time, the episodes above 12 inches are periodic and have not caused any negative impacts to landfill operations or risk to the environment.

**2019 ANNUAL FACILITY REPORT FOR LANDFILLS  
AVRRDD-MT. CARBERRY LANDFILL**

Waste Type	List of New Hampshire Towns Using Facility		List Other States Using Facility	
		Amount		Amount
<b>Residential MSW</b>	Bartlett	809.44	Maine	1,931.62
	Berlin	3,865.39	Vermont	565.21
	Colebrook	627.70		
	Columbia	167.80		
	Carroll	276.71		
	Coos Unincorporated	114.91		
	Dummer	148.72		
	Errol	133.08		
	Gorham	1,670.44		
	Jackson	376.90		
	Jefferson	198.54		
	Lancaster	496.89		
	Meredith	2,605.13		
	Milan	568.30		
	New London	2,204.54		
	North Stratford	124.28		
	Northumberland	716.80		
	Pittsburg	395.75		
	Randolph	82.75		
	Shelburne	75.30		
Stark	81.95			
Stewartstown	485.02			
Washington	404.65			
Whitefield	275.95			
<b>Total</b>		<b>16,906.94</b>		<b>2,496.83</b>
<hr/>				
<b>Commercial/Industrial MSW</b>		<b>62,265.13</b>	<b>Maine</b>	<b>41,539.20</b>

Vermont	3,175.07
Mass	0.00

<b>Total</b>	<b>62,265.13</b>	<b>44,714.27</b>
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**Residential**

<b>Construction/Demolition Debris</b>	AVRRDD	1.82	
	Bartlett	567.82	Maine 714.42
	Berlin	0.00	Vermont 268.07
	Colebrook	191.00	
	Columbia	48.01	
	Carroll	80.99	
	Coos County Unincorporated	27.36	
	Errol	0.00	
	Gorham	0.00	
	Jackson	277.44	
	Jefferson	141.02	
	Lancaster	717.35	
	Meredith	1,604.21	
	Milan	0.00	
	New London	35.48	
	North Stratford	127.48	
	Northumberland	231.97	
	Pittsburg	192.76	
	Randolph	0.00	
	Shelburne	47.38	
	Stark	70.71	
	Stewartstown	138.84	
	Washington	0.00	
	Whitefield	126.45	

<b>Total</b>	<b>4,628.09</b>	<b>982.49</b>
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**Commercial/Industrial:  
Construction/Demolition Debris**

80,144.22	Maine	340.66
	Vermont	3,036.85
	Massachusetts	0.00

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<b>Total</b>	<b>80,144.22</b>	<b>3,377.51</b>
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**Other:  
Residential**

Asbestos	AVRRDD	43.46
	Berlin	0.00
Bulkie Waste	AVRRDD	1,030.39
	Berlin	0.00
	Bartlett	62.63
	Gorham	269.92
	Washington	185.47
	Shelburne	3.69
	Jefferson	0.00
Ash	Berlin	0.00
Sludge	Berlin	1,683.41
	Gorham	240.45
	Pittsburg	123.28
Grit	Berlin	0.00
Contaminated Soil	AVRRDD	0.00
	Shelburne	0.00
	Whitefield	0.00



	Berlin	0.00	
<b>Reusable's:</b>			
Crushed Glass	AVRRDD	380.45	
	Bartlett	173.58	
	Jefferson	34.64	
	Coos Recycling	0.00	
			Vermont 0.00
Sand	Gorham	35.18	
Sand	Berlin	1,499.46	
Cover Soil	AVRRDD	0.00	
Ground Wood	AVRRDD	1,376.36	
<b>Total</b>		<b>7,142.37</b>	<b>0.00</b>

**Other:  
Commercial**

Asbestos		279.36 Vt.	0.00
Ash-Coal		0.00	
Ash/Soda Ash		0.00 Maine	0.00
Bulkie Waste		65.66 Vt.	2.87
		Maine	3.45
Contaminated Soil		26.38 Maine	0.00
Contaminated Wood		0.00 Massachusetts	0.00
		Rhode Island	0.00
		Vt.	0.00
Grit		0.00	
Dirt/Grvl/Snd/CrushdStn/Rec		0.00	
Other		3.92	
Sludge		0.00	
Sludge/RipRap		0.00	
Metal Dust		2.33	
Fluff Waste		Massachusetts	4,038.63

**Reusable's:**

C&D Fines	0.00	Massachusetts	0.00
Wood Chips	483.67	Massachusetts	0.00
Ground Wood	0.00	Maine	0.00
		Massachusetts	0.00
Fluff		Massachusetts	28,751.39
Contaminated Dirt	0.00		
<b>Total</b>	<b>861.32</b>		<b>32,796.34</b>

**Total In-State & Out of State** 171,948.07 84,367.44

Mt. Carberry Pit

Sand 59,309.90

Mill

Sludge 11,658.49  
Asbestos 0.00  
Paper/Cardboard/Cores/Felts/Misc 496.29  
C & D 20.21  
Other 23.86  
MSW 0.00

**Grand Total** 327,824.26