

# STATE BIOSOLIDS SURVEY

2018 data conducted 2020-2021 biosolidsdata.org

## **New Hampshire**

Sheet 1 of 2 - Biosolids Infrastructure & Quantities

## **WWTP Totals**

2018 Data Total Number of WWTPs: 34 (survey), 88 CWNS 99  WWTP & Biosolids Infrastructure Totals  Number of Separate Preparers (in- or out-of-state, receiving solids from your state): 4 3 3 Number of operating shudge incinerators in your state (stall): 5 Huddered bed: 6 1 1 0 Multiple hearth: 1 1 0 Multiple hearth: 1 1 0 Multiple hearth: 1 0 0 Mumber of WWTPs in your state excepting sewage studge: 1 1 0 Mumber of WWTPs in your state with industrial pre-treatment programs: 1 0 1 0 Mumber of WWTPs in your state with industrial pre-treatment programs: 1 0 1 0 Mumber of WWTPs in your state with industrial pre-treatment programs: 1 0 1 0 Mumber of WWTPs in your state with industrial pre-treatment programs: 1 0 0 1 0 Mumber of WWTPs in your state with industrial pre-treatment programs: 1 0 0 1 0 Mumber of WWTPs in your state with industrial pre-treatment programs: 2 0 0 1 1 Mumber of WWTPs in your state with industrial pre-treatment programs: 2 0 0 1 1 Mumber of WWTPs in your state with industrial pre-treatment programs: 2 0 0 1 1 Mumber of WWTPs in your state with industrial pre-treatment programs: 2 0 0 1 1 Mumber of WWTPs in your state with industrial pre-treatment programs: 2 0 0 1 1 Mumber of WWTPs in your state with industrial pre-treatment programs: 2 0 0 1 1 Mumber of WWTPs in your state with industrial pre-treatment programs: 3 0 0 0 0 0 Mumber of WWTPs in your state with industrial pre-treatment programs: 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
WWTP & Biosolids Infrastructure Totals  Number of Separate Preparers (in- or out-of-state, receiving solids from your state):  1					
Number of Separate Preparers (in- or out-of-state, receiving solids from your state):  Number of your state's WWTPs sending to those Separate Preparers:  8 19  Number of operating sludge incinerators in your state (total):  Fluidized bed:  Number of Part 258 landfills in your state accepting sewage sludge:  Number of Part 258 landfills in your state with industrial pre-treatment programs:  data not requested for 2004  Number of WWTPs in your state with industrial pre-treatment programs:  data not requested for 2004  Autiple I wastewater Flow Totals  Wastewater Flow Totals  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  158.21  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  158.21  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  158.21  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  158.21  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  at an out-part of the separate preparers are the residuals treatment facility of Resource Management, inc. and Casella's Hawk Ridge Compost  Two of the separate preparers are the residuals treatment facility of Resource Management, inc. and Casella's Hawk Ridge Compost  Two of the separate preparers are the residuals treatment facility of Resource Management, inc. and Casella's Hawk Ridge Compost  Two o	Total Number of WWTPs	34 (survey), 88 CWNS	99		
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Number of operating sludge incinerators in your state (total):  Fludicacd bed:  Multiple hearth:  Number of Part 258 landfills in your state accepting sewage sludge:  Number of Part 258 landfills in your state with industrial pre-treatment programs:  data not requested for 2004  All Statewide average daily wastewater flow (MGD):  Total statewide average daily dry weather flow (MGD):  Total statewide average daily dry weather flow (MGD):  Other Totals  Number of documented odor & nuisance complaints received by state in 2018 related to biosoidis transportation and use or disposal outside of the gates of the WWTP: in your state in 2018 related to biosoidis transportation and use or disposal outside of the gates of the WWTP: data not requested for 2004  Number of WWTPs in your state with sludge lagoons:  1	Number of Separate Preparers (in- or out-of-state, receiving solids from your state):	4	3		
Number of operating sludge incinerators in your state (total):  Fluidized bed:  Multiple hearth:  Number of Part 258 landfills in your state excepting sewage sludge:  Number of Part 258 landfills in your state with industrial pre-treatment programs:  data not requested for 2004  All 1  Mumber of WWTPs in your state with industrial pre-treatment programs:  data not requested for 2004  41  Mumber of WWTPs in your state with sludge lagoons:  Wastewater Flow Totals  Wastewater Flow Totals  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  168.21  Total statewide WWTP design capacity for wastewater flow (MGD):  data not requested for 2004  168.21  Number of documented odor & nuisance complaints received by state in 2018 related to blosofids transportation and use or disposal outside of the gates of the WWTP:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0  Number of WWTPs involved in those complaints:		8	19		
Multiple hearth:  Number of Part 258 landfills in your state accepting sewage sludge:  Also for WWTPs in your state with industrial pre-treatment programs:  Also for WWTPs in your state with sludge lagoons:  Cotal statewide average daily wastewater flow (MGD):  Total statewide average daily wastewater flow (MGD):  Total statewide average daily dry weather flow (MGD):  Also for Totals  Number of documented odor & nuisance complaints received by state in 2018 related to biosolids transportation and use or disposal outside of the gates of the WWTP:  Multiple hearth:  Two of the separate preparers are the residuals treatment facility of Resource Management, Inc. and Casella's Hawk Ridge Compost Facility (Unity, ME). Merrimack's WFNRF compost facility also composts solids from other WRRFs. • The one sewage sludge incinerator  SSS) in the state is at the Manchester WFRR and is used only for Mancester solids. • NI than \$39 lagoons to wastewater solids, and there are two monofills that are designated for sewage sludge or biosolids only. • The NH Department of Environmental Services (NH DES)  reports that the percentage of septic systems is an estimate from the Subsurface Bureau at NHDES. Some have stated 65% in the past, but they feel the number is closer to 75% now.  Other Totals  Number of documented odor & nuisance complaints received by state in 2018 related to biosolids transportation and use or disposal outside of the gates of the WWTP:  data not requested for 2004  0  Number of WWTPs involved in those complaints:  data not requested for 2004  0		1	1		
Number of Part 255 landfills in your state accepting sewage sludge:  data not requested for 2004  Number of WNTPs in your state with industrial pre-treatment programs:  data not requested for 2004  13  Satisfy Compost  Number of WNTPs in your state with industrial pre-treatment programs:  data not requested for 2004  41  SSS) in the state is at the Manchester WRRFs compost facility allow compost solidis and so enswage sludger indication from the WRRFs. • The one sewage sludger indication from the work of the separate preparers are the reciduals treatment facility of Resource Management, inc. and Casella's Hawk Ridge Compost  Number of WWTPs in your state with sludge lagoons:  Wastewater Flow Totals  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  168.21  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  157  Total statewide average daily wastewater flow (MGD):  data not requested for 2004  158  Disconlist statewater flow (MGD):  data not requested for 2004  158  Disconlist statewater flow (MGD):  data not requested for 2004  158  Disconlist statewater flow (MGD):  data not requested for 2004  158  Disconlist statewater flow (MGD):  data not requested for 2004  158  Disconlist statewater flow (MGD):  data not requested for 2004  158  Disconlist statewater flow (MGD):  data not requested for 2004  158  Disconlist	Fluidized bed:	1	0		
Number of WWTPs in your state with industrial pre-treatment programs:  In the programs:  In the pre-treatment programs:  In the state is at the Manchester WRRF compost facility also composts solids from other WRRFs. The one sewage sludge incinerator (SS) in the state is at the Manchester WRRF and is used only for Manchester WRRF and is at the Manchester WRRF and is at the Manchester WRRF and is at t	Multiple hearth:	0	1		
Number of WWTPs in your state with sludge lagoons: data not requested for 2004 41	Number of Part 258 landfills in your state accepting sewage sludge:	data not requested for 2004	6		
Number of WNTP involver state with surge lagoons:    State water Flow Totals   Services (NH DES)	Number of WWTPs in your state with industrial pre-treatment programs:	data not requested for 2004	13		
Wastewater Flow Totals  Total statewide average daily wastewater flow (MGD):  Total statewide WWTP design capacity for wastewater flow (MGD):  data not requested for 2004  data not requested for 2004  no data  Other Totals  Number of documented odor & nuisance complaints received by state in 2018 related to biosolids transportation and use or disposal outside of the gates of the WWTP:  data not requested for 2004  0	Number of WWTPs in your state with sludge lagoons:	data not requested for 2004	41		
Total statewide WWTP design capacity for wastewater flow (MGD):  data not requested for 2004  Total statewide wwTP design capacity for wastewater flow (MGD):  data not requested for 2004  for data not requested for 2004  Number of documented odor & nuisance complaints received by state in 2018 related to biosolids transportation and use or disposal outside of the gates of the WWTP:  data not requested for 2004  Other Totals  Number of WWTPs involved in those complaints:  data not requested for 2004  O  Number of WWTPs involved in those complaints:  data not requested for 2004  O	Wastewate	er Flow Totals			reports that the percentage of septic systems is an estimate from the Subsurface Bureau at NHDES. Some have stated 65% in the past, but
Total statewide average daily dry weather flow (MGD):  Other Totals  Number of documented odor & nuisance complaints received by state in 2018 related to biosolids transportation and use or disposal outside of the gates of the WWTP:  data not requested for 2004  0	Total statewide average daily wastewater flow (MGD):	data not requested for 2004	168.21		they feel the number is closer to 75% now.
Other Totals  Number of documented odor & nuisance complaints received by state in 2018 related to biosolids transportation and use or disposal outside of the gates of the WWTP: data not requested for 2004 0	Total statewide WWTP design capacity for wastewater flow (MGD):	data not requested for 2004	157		
Number of documented odor & nuisance complaints received by state in 2018 related to biosolids transportation and use or disposal outside of the gates of the WWTP: data not requested for 2004 0	Total statewide average daily dry weather flow (MGD):	data not requested for 2004	no data		
biosolids transportation and use or disposal outside of the gates of the WWTP: data not requested for 2004 0	Othe	er Totals			
Number of WWTPs involved in those complaints: data not requested for 2004 0		data not requested for 2004	0		
			0		
and the second s			75%		
		50%		-	

### **Biosolids Use and Disposal**

			Diosonas o	se and Dispos	ui
	UNITS:	Dry U.S. tons	Dry U.S. tons	NH DES & many NH WRRFs	track biosolids in wet tons. NBDP used its default percent solids of 22% to convert data to dry U.S. tons.
	BIOSOLIDS USED	OR DISPOSED, 20	18 (adjusted total):	26,200	
			Sı	ımmary	
	Number of Entities (WWTPs & Sep. Preparers) Going To	Quantity of Biosolids	Number of Entities (WWTPs & Sep. Preparers) Going To	Quantity of Biosolids	NOTE: Quantity of sewage sludge or biosolids used or disposed means the quantity that goes out the gate of the WWTPs. Quantities are in the units (the form of measurement) indicated above.
Beneficial Use (applied to soils, not including ADC)	17	18,509	8	10,397	
Disposal & Alternative Dispositions	17	8,512	12	15,758	Data provided here are from the NH Department of Environmental Services (NH DES). A few data are from the NBDP survey.
Other	0	0			
TOTAL	34	27,021	20	26,154	4
				eficial Use	
	Number of Entities (WWTPs & Sep. Preparers) Going To	Quantity of Biosolids	Number of Entities (WWTPs & Sep. Preparers) Going To	Quantity of Biosolids	
Agricultural (EQ, Class A, & Class B)	5	3,908	7	8,939	NH DES requires a Sludge Qualty Certificate (SQC) permit for any biosolids that are land applied. In 2018, 7 generators with SQCs sent
Forestland (EQ, Class A, & Class B)	0	0	0	0	38,932 wet U.S. tons (8,565 dry U.S. tons) of biosolids to agriculture (Claremont WWTF, Concord Hall St WWTF, Winnipesaukee River Basin Program (WRPB), Plymouth Village Water and Sewer District, Woodsville Fire District WWTF, Nashua WWTF, and the RMI Residuals
Reclamation (EQ, Class A, & Class B)	4	180	0	0	Management Facility). Some of these biosolids were Class A EQ (e.g., from Concord), and some were Class B (e.g. WRBP/Franklin,
Class A EQ Distribution (bagged or bulk, public distribution, or unsure where it went)	8	14,421	1	1,458	Nashua, and a few small facilities). Some were applied in NH and some were applied in neighboring states. • Merrimack WRRF sent 6,626 wet U.S. tons (1,458 dry U.S. tons) of Class A EQ biosolids compost to non-agricultural uses. • Merrimack takes in solids from several outside WRRFs, including from Miliford and, beginning in 2020, from Winnepesaukee RBP/Franklin . • Other smaller compost
Beneficial Use Subtotal	17	18,509	8	10,397	operations are at Claremont and Woodsville. Some solids, such as from Seabrook, go to Casella's Hawk Ridge Compost Facility in Unity,  ME. • Resource Management Inc. treats solids from several WRRFs, producing an alkaline-stabilized Class A (sometimes B) product that
Long-term storage	0	0	0	0	is generally land applied on farm fields. Plymouth also produces mostly Class A (but sometimes Class B) alkaline-stabilized biosolids used
				<u> </u>	on farms. • In 2018, Concord produced alkaline-stabilized Class A biosolids (sometimes Class B) that were land applied at local farms; but, as of 2020, extra caution around the PFAS issue resulted in Concord sending non-lime-stabilized solids to Quebec for use in mine
Number of acres to which biosolids were applied:		1,517		no da	real amotion there . Of the tenness applied to agricultural land 374 tons were Manchester sowage sludge incinerator (SSI) ash
			Disposal & Alte	ernative Dispositions	3

	Number of Entities (WWTPs &		Number of Entities (WWTPs &	
	Sep. Preparers) Going To	Quantity of Biosolids	Sep. Preparers) Going To	Quantity of Biosolids
Landfill (total)	16	4,032	10	11,039
Burial	data not requested for 2004	data not requested for 2004	10	11,039
Alternative daily (ADC), intermediate, or final cover	data not requested for 2004	data not requested for 2004	0	0
Surface Disposal (i.e., beneficial reuse)	0	0	0	0
Incineration	1	4,480	2	4,719
Cement kiln or industrial furnace	data not requested for 2004	data not requested for 2004	0	0
Deep well injection	data not requested for 2004	data not requested for 2004	0	0
Gasification	data not requested for 2004	data not requested for 2004	0	0
Pyrolysis	data not requested for 2004	data not requested for 2004	0	0
Disposal & Alternative Dispositions Subtotal	17	8,512	12	15,758
TOTAL	34	27,021	20	26,154

Most of the NH-generated wastewater solids landfilled in the state went to the Waste Management Turnkey Landfill in Rochester or to the Casella-owned and -operated landfill in Bethelhem. The landfilled oftonage reported here is the sum of the six operating lined landfills' quarterly reports of NH studge received. This may not completely represent all the studge landfilled, as some goes out of state. The number of entities sending solids to landfills include Berlin, Hanover, Keene, and Portsmouth. • Manchester owns and operates the one sewage studge incinerator in NH DES estimated 17,450 wet tons (3,839 dt) of NH solids were incinerated in 2018. However, Manchester reported to the NEIWPCC/NBDP survey a total of 4,188 dry metric tons (4,615 dry U.S. tons) incinerated in 2018, and this is the amount included for Manchester. As from the Manchester SSI is stored in an ash lagoon at the WRRF, and much of it is then removed and used in soil blends and land applied. In 2018, 374 dry for swere used in this way, and that tonnage is included in the agriculture beneficial use line above. • A few small facilities, such as Peterborough, transport solids to disposal, mostly incineration, in southern New England. The 471 wettons (94 dry metric tons) of Peterborough solids went to Cransforn, RI, sewage studge incinerator (SSA) in 2018.

## **Biosolids Quality Summary**

Number of Entities (WWTPs & Sep. Preparers) Producing	Quantity of Biosolids	Number of Entities (WWTPs & Sep. Preparers) Producing	Quantity of Biosolids
8	14,421	6	6,874
0	0	0	0
46	3,908	3	4,607
no data	8,512	12	14,674
54	26,841	21	26,15
	Sep. Preparers) Producing  8  0  46  no data	8 14.421 0 0 0 46 3.908 no data 8,512	Sep. Preparers) Producing         Quantity of Biosolids         Sep. Preparers) Producing           8         14.421         6           0         0         0           46         3,908         3           no data         8,512         12

NOTE: For "number of entities," the total may not match because some entities go to more than one use or disposal.

In 2018, Class A EO biosolids were produced by the Resource Management, Inc. facility, Plymouth, and Concord (all by lime stabilization) and, by composting at Merrimack, Claremont, and Woodswille. • NH DES estimated 24.61 rowet IU. Stone (5.41 fet d) as being class A applied for agriculture. Add to that the 1,458 dt of Class A EQ general distribution to get the total Class A EQ shown here. (As in other states, pretly much all Class A Diosolids are EQ.) • NH DES estimated 20,940 wet tons (4,607 db) biosolids were Class B, some of which was landfilled. • The remaining solids tailled here as "other" are those landfilled and incinerated, which are not tested and classified.

### **Biosolids Treatment Practices**

			Diosolius Tie	atinent Fractic	
	Estimated Number of WWTI or Separate Preparers Using	Estimated Quantity of Biosolids Produced Using	Estimated Number of WWTPs or Separate Preparers Using	Estimated Quantity of Biosolids Produced Using	
	Stal	oilization			
Aerobic Digestion (total)		0 0	0	0	
Class A (ATAD/Other)	data not requested for 2004	data not requested for 2004	0	0	
Class B	data not requested for 2004	data not requested for 2004	0	0	
Anaerobic digestion (AD) (total)		3 3,298	3	3,081	
Class A (e.g. thermophilic)	data not requested for 2004	data not requested for 2004	0	0	
Class B (mesophilic)	data not requested for 2004	data not requested for 2004	3	3,081	
WWTPs co-digesting (FOG, food, glycol, etc.)	data not requested for 2004	data not requested for 2004	0	0	
Biogas used (heating, electicity, fuel, etc.;scf/year)	data not requested for 2004	data not requested for 2004	3	no data	
Lime/Alkaline (total)		4 5,785	3	4,806	
Class A lime/alkaline	data not requested for 2004	data not requested for 2004	2	1,747	
Class B lime/alkaline	data not requested for 2004	data not requested for 2004	1	3,059	
Composting		5 7,812	3	2,357	
Thermal (e.g. heat drying, not incineration/gasification/pyrol)		0 0	0	0	
Gasification	data not requested for 2004	data not requested for 2004	0	0	
Pyrolysis	data not requested for 2004	data not requested for 2004	0	0	
Hydrolysis (thermal, chemical, etc.)	data not requested for 2004	data not requested for 2004	0	N/A	
Long-term (lagoons, reed beds, etc.)		0 0	0	N/A	
Oxidation ditch / extended aeration	data not requested for 2004	data not requested for 2004	0	N/A	
Other stabilization technology		0 0			
	Dev	vatering			These data are estimates from NH DES and NBDP and are not complete.
Belt Filter Press		12 7,850	10	no data	
Plate & Frame Press		2 930		no data	
Screw Press		0 0	4	no data	
Centrifuge		0 0	3	no data	
Vaccuum Filter		0 0		no data	
Drying beds (open-air)		4 no data	2	no data	
Solar drying (e.g. in greenhouse)	data not requested for 2004	data not requested for 2004		no data	
Other dewatering technology		0 0		no data	
	Thi	ckening			
Gravity thickener	data not requested for 2004	data not requested for 2004	no data	no data	
Gravity belt thickener (GBT)	data not requested for 2004	data not requested for 2004	no data	no data	
Centrifuge	data not requested for 2004	data not requested for 2004	no data	no data	
Dissolved air flotation (DAF)	data not requested for 2004	data not requested for 2004	no data	no data	
Other thickening technology	data not requested for 2004	data not requested for 2004	no data	no data	
	(	Other			
Biosolids sold in bags (explain at right what size bags)	data not requested for 2004	data not requested for 2004	0	0	

## State Pollutant (trace metal, etc.) Concentration Limits in Biosolids Applied to Land, 2018

Numbers entered only where state limits differed in 2018 from U.S. EPA limits.

	Arsenic (As)	Cadmium (Cd)	Chromium (Cr)	Copper (Cu)	Lead (Pb)	Mercury (Hg)	Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Zinc (Zn)
EPA Table 1 (mg/kg)	75	85		4300	840	57	75	420	100	7500
EPA Table 3 (mg/kg) & CPLR (kg/ha)	41	39		1500	300	17		420	36 (CPLR = 100)	2800
State ceiling limit (higher limit) (mg/kg)	32	14	1000	1500	300	10	35	200	28	2500
State high quality (lower number) limit (mg/kg)	10	10	160	1000	270	7	18	98	18	1780
State CPLR (kg/ha)	10	15	300	300	200	6	18	100	100	500
State APLR (kg/ha/365days)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

#### TESTING

				IESTING	
For each of the following constituents,	Is testing required for all	Or is testing required only for biosolids being beneficially used as		dicate how often testing each parameter):	If frequency depends on
indicate if testing is required by your state, as of 2018.	biosolids?	fertilizers and soil amendments?	In accordance with Part 503 requirements	In accordance with other frequency required by state (if applicable, please	of biosolids used or disposed of, please
				specify)	
Part 503 metals (As, Cu, Hg, etc.)	no	yes	yes	809.03 (C) (1-10)	Dry Ton Volume Distributed
Other metals (boron, silver)	no	yes	no	Table 809-2	Dry Ton Volume Distributed
Dioxins/furans	no	yes	no	809.03 (C)(12)	Dry Ton Volume Distributed
PCBs	(please select)	yes	no	809.03 (C) (11)	Dry Ton Volume Distributed
Priority pollutants (https://www.epa.gov/sites/production/files/2015- 09/documents/priority-pollutant-list-epa.pdf))	(please select)	yes	no	Table 809-2	Dry Ton Volume Distributed
Other organic compounds (e.g. PDBEs, pharmaceutical)	(please select)	no	no	n/a	n/a
Radioactive isotopes (alpha, beta, Ra 226, etc.)	(please select)	no	no	n/a	n/a
Nutrients (NPK)	(please select)	yes	yes	Table 809-2	Dry Ton Volume Distributed
Pathogen reduction (Class A or B)	(please select)	yes	no	EPA Report	Dry Ton Volume Distributed
Vector attraction reduction (VAR)	(please select)	yes	no	EPA Report	Dry Ton Volume Distributed
PFAS (as of 2018)	(please select)	no	no	n/a	n/a
Microplastics (as of 2018)	(please select)	no	no	n/a	n/a
TCLP (toxicity characteristic leaching procedure)	(please select)	no	no	n/a	n/a
Paint Filter Liquids Test	yes	no	no	n/a	n/a

PFAS monitoring and reporting were put into the NH DES Sludge Quality Certification (SQC) regulations in the spring 2019.

### REPORTING

		Frequency of reporting (indicate how often testing must be done for each parameter):			
	Is reporting to the state	must be done for	each parameter):		Are data compiled by the
For each of the following, indicate what WWTPs and/or biosolids preparers must report to the state:	required for these parameters?	In accordance with Part 503 requirements	In accordance with other frequency required (if applicable, please specify)	How are these data stored by the state?	state in reports or summaries? Is so, please attach.
The amounts of biosolids/ sewage sludge used or disposed	yes	yes	Annual Report	electronic	yes
Part 503 metals (As, Cu, Hg, etc.)	yes	yes	Annual Report	electronic	yes
Other metals (boron, silver)	yes	no	Annual Report	electronic	yes
Dioxins/furans	yes	no	Annual Report	electronic	yes
PCBs	yes	no	Annual Report	electronic	yes
Priority pollutants (https://www.epa.gov/sites/production/files/2015- 09/documents/priority-pollutant-list-epa.pdf)	yes	no	Annual Report	electronic	yes
Other organic compounds (e.g. PDBEs, pharmaceutical)	no	no			
Radioactive isotopes (alpha, beta, Ra 226, etc.)	no	no			
Nutrients (NPK)	yes	yes	Annual Report	electronic	yes
Cumulative Pollutant Loading Rates (CPLR)	no	no			
How biosolids achieve Class A or Class B	yes	yes	Annual Report	electronic	yes
How biosolids achieve vector attraction reduction (VAR)	yes	yes	Annual Report	electronic	yes
Solids stabilization process(es) used	yes	yes	Annual Report	electronic	yes
Other biosolids treatments	no	no			
End use or disposal practice	yes	no	Annual Report	electronic	yes
PFAS (as of 2018)	no	no			
Microplastics (as of 2018)	no	no			
TCLP (toxicity characteristic leaching procedure)	no	no			
Paint Filter Liquids Test	yes	no			