



STATE BIOSOLIDS SURVEY

2018 data
conducted 2020-2021
biosolidsdata.org

Pacific Island Territories & Navajo Nation

Infrastructure & Wastewater

	2004 Data	2018 Data	
Total Number of WWTPs:	Territories not included in prior report.		
WWTP & Biosolids Infrastructure Totals			
Number of Separate Preparers (in- or out-of-territory receiving solids from your territory):	NO DATA AVAILABLE	0	-----
Total number of your state's WWTPs sending to those Separate Preparers:		0	-----
Number of operating sludge incinerators in your state (total):		0	-----
Fluidized bed:		0	-----
Multiple hearth:		0	-----
Number of Part 258 landfills in your state accepting sewage sludge:		data not requested for 2004	-5
Number of WWTPs in your state with industrial pre-treatment programs:	data not requested for 2004	no data	-----
Number of WWTPs in your state with <i>sludge</i> lagoons:	data not requested for 2004	-5	-----
Wastewater Flow Totals			
Total statewide average daily wastewater flow (MGD):	data not requested for 2004	no data	-----
Total statewide WWTP <i>design</i> capacity for wastewater flow (MGD):	data not requested for 2004	no data	-----
Total statewide average daily <i>dry weather</i> flow (MGD):	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	no data	-----
Number of WWTPs involved in those complaints:	data not requested for 2004	no data	-----
Percent of population served by on-site systems (e.g. septic systems):	no data	50%	-----

Data reported are from U.S. EPA ECHO database, for 2018, for Guam, American Samoa, Northern Mariana Islands (NMI), and Navajo Nation (NN). • The percent of population using on-site systems is an NBDP estimate.

Biosolids Use and Disposal

UNITS:	Dry U.S. tons	Dry metric tons	
BIOSOLIDS USED OR DISPOSED, 2018 (adjusted total): 3,000			
Summary			
	Number of Entities (WWTPs & Sep. Preparers) Going To...	Quantity of Biosolids	Number of Entities (WWTPs & Sep. Preparers) Going To... Quantity of Biosolids
Beneficial Use (applied to soils, not including ADC)	24	54,200	0 0
Disposal & Alternative Dispositions	no data	no data	7 2,967
Other	no data	no data	
TOTAL	24	54,200	7 2,967
Beneficial 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)			0 0
Forestland (EQ, Class A, & Class B)			0 0
Reclamation (EQ, Class A, & Class B)			0 0
Class A EQ Distribution (bagged or bulk, public distribution, or unsure where it went)			0 0
Beneficial Use Subtotal	-	-	0 0
Long-term storage			many no data
Number of acres to which biosolids were applied:	6,075		no data
Disposal & Alternative Dispositions			

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.

As of 2018, there was no reported beneficial use of biosolids in the Pacific islands territories or the Navajo Nation. However, in the early 2020s, Guam was experimenting with biosolids composting, and American Samoa was treating solids for use as landfill cover material.

	Number of Entities (WWTPs & Sep. Preparers) Going To...	Quantity of Biosolids	Number of Entities (WWTPs & Sep. Preparers) Going To...	Quantity of Biosolids
Landfill (total)			6	2,744
Burial	data not requested for 2004	data not requested for 2004	6	2,744
Alternative daily (ADC), intermediate, or final cover	data not requested for 2004	data not requested for 2004	0	0
Surface Disposal			1	223
Incineration			0	0
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	-	-	7	2,967
TOTAL	-	-	7	2,967

Several small WRRFs in these territories & the Navajo Nation use lagoons and store solids, removing them only every 5-30 years.

Biosolids Quality Summary

	Number of Entities (WWTPs & Sep. Preparers) Producing...	Quantity of Biosolids	Number of Entities (WWTPs & Sep. Preparers) Producing...	Quantity of Biosolids	NOTE: For "number of entities," the total may not match because some entities go to more than one use or disposal.
Class A EQ			0	0	
Other Class A			0	0	
Class B			0	0	
Other (no data, etc.)			6	2,967	
TOTAL	-	-	6	2,967	

Biosolids Treatment Practices - No Data Available

