

NJ Sludge Management Methods

2023



New Jersey Department of Environmental Protection

Division of Water Quality

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Figure 1: NJ Domestic Sludge Management Methods (2023)

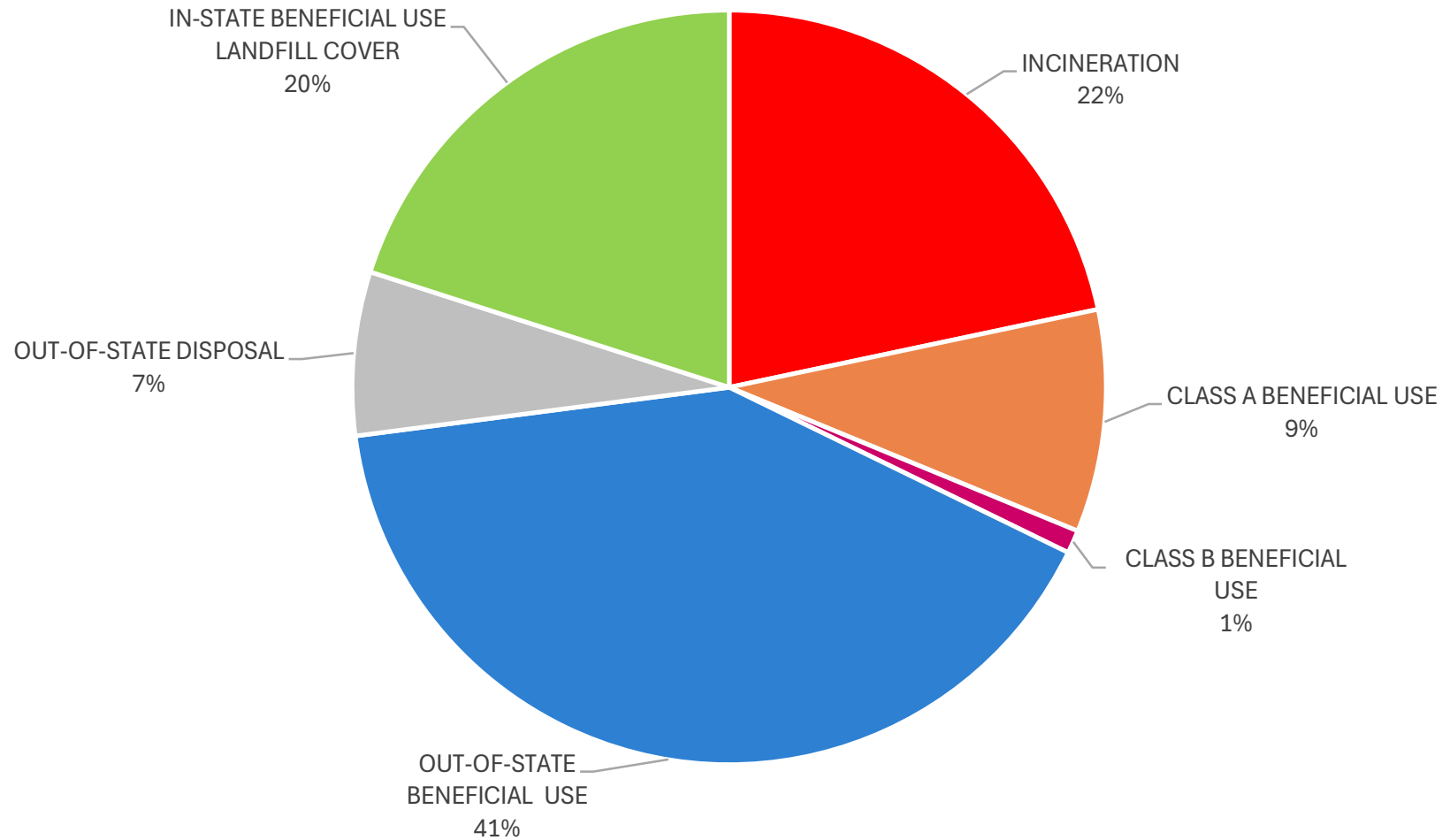


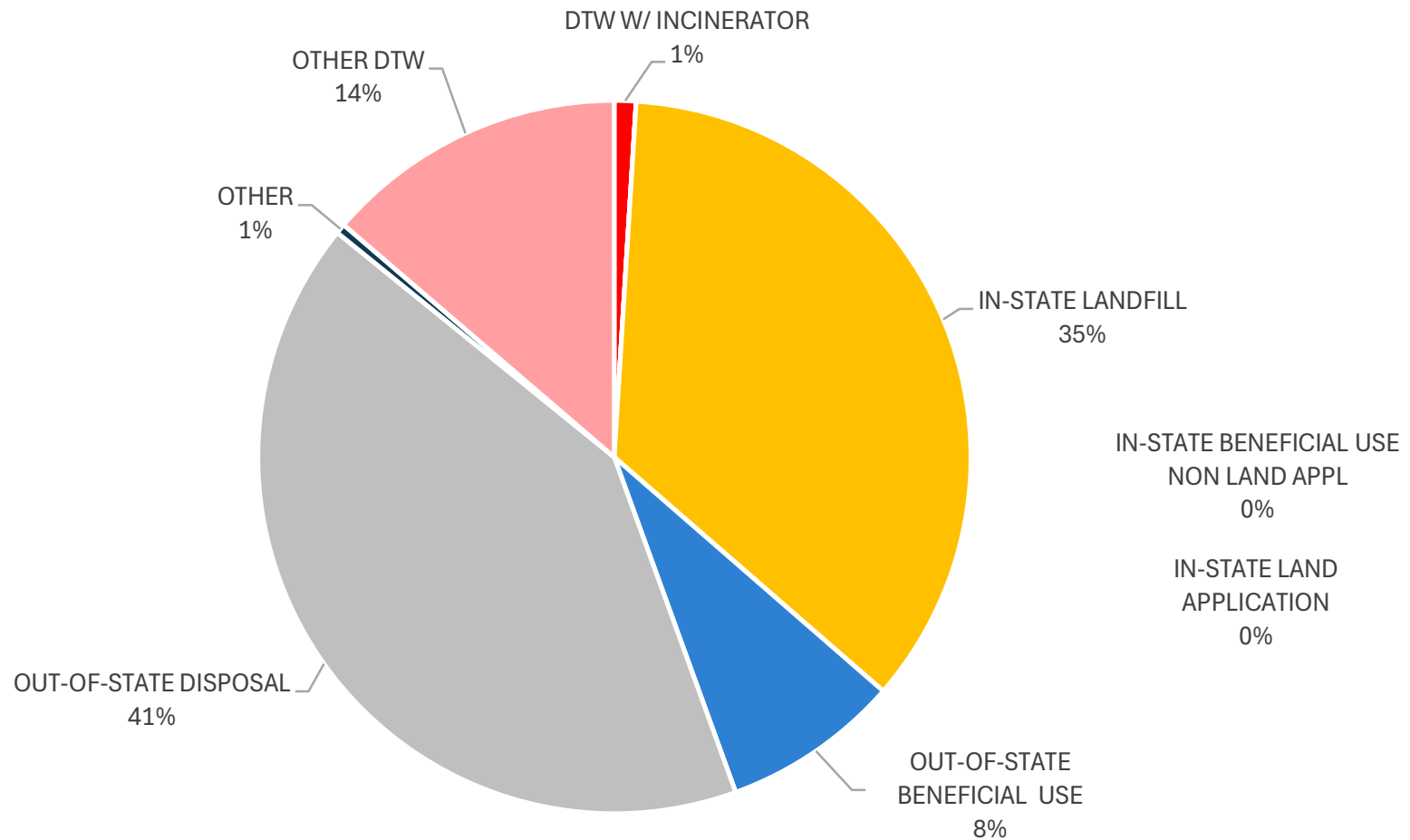
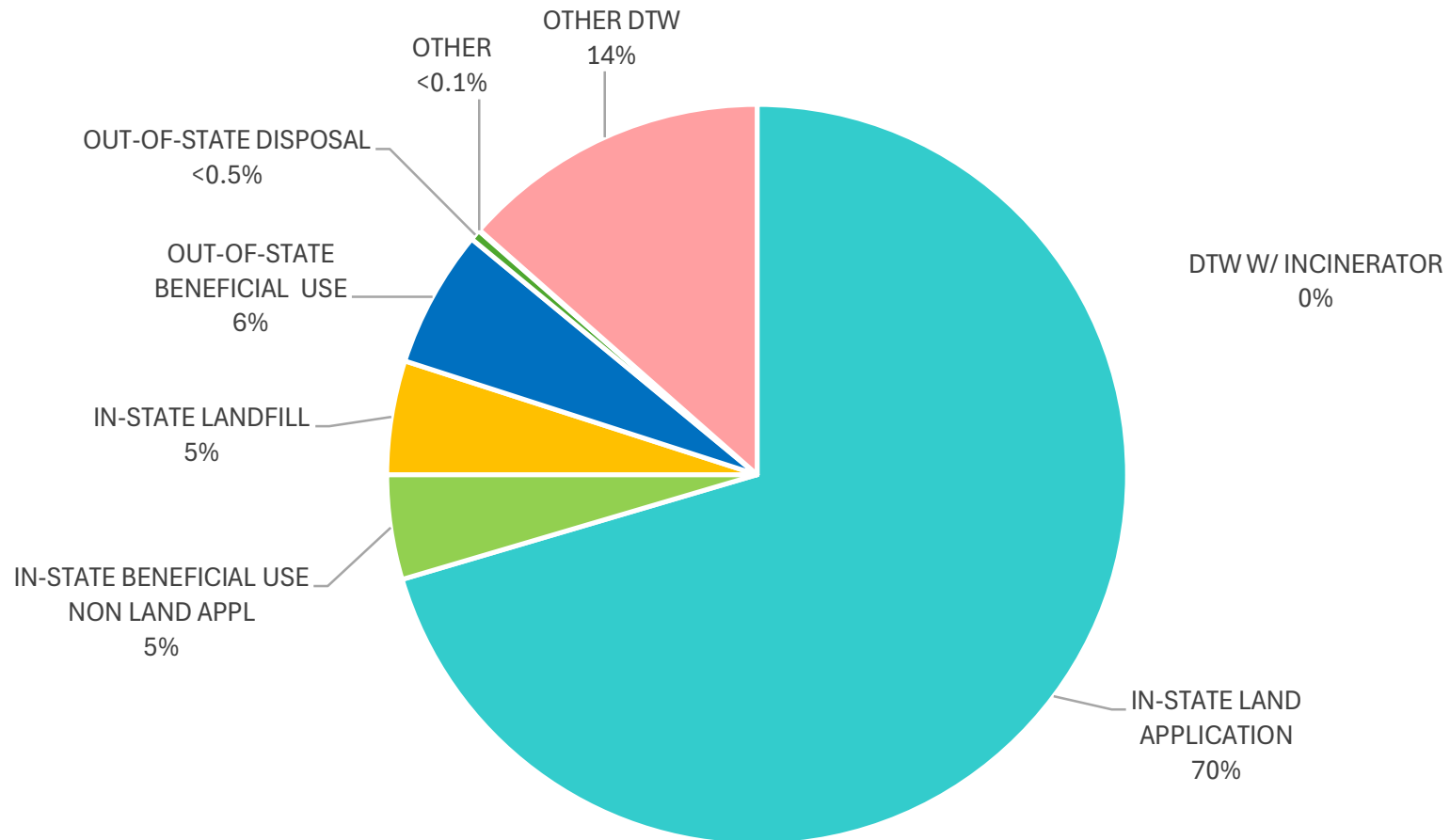
Figure 2: NJ Industrial Sludge Management Methods (2023)

Figure 3: NJ Food Processing Sludge and Water Treatment Residual Management Methods (2023)



SECTION 1

Domestic Sewage Sludge Production by Management Mode (2023)

The following tables present data on sewage sludge removal for the calendar year 2023 in the State of New Jersey as required by the Sludge Quality Assurance Regulations (SQAR, N.J.A.C. 7:14C). This information is compiled from reports submitted by domestic sewage sludge generators and illustrated by Figure 1 above.

Summary: Table 1 presents the quantities of sewage sludge generated and modes of management in the state of New Jersey in the year 2023. The information is presented by county; subtotaled by county and mode; and totaled for the state. The percentage managed in each mode is also presented.

Detail: Table 1A presents the detailed amount of sewage sludge reported removed by mode by individual generators in the year 2023. The information is presented by county and then by municipality and then by generator permit number. The information is subtotaled by mode by county.

Please direct questions regarding this information to Residuals Unit staff of the Bureau of Ground Water, Residuals, and Permit Administration, Division of Water Quality, NJDEP at 609-984-4428.

Notes:

1. All sewage sludge values are presented in Dry Metric Tons/Year.
2. Management mode column headings are defined, as follows:

INCINERATION: Generator's sewage sludge is incinerated at an on-site in-state incinerator.

CLASS A BENEFICIAL USE: Generator's sewage sludge is processed in New Jersey by a system designed to prepare Exceptional Quality sewage sludge for beneficial use as a fertilizer or other soil amendment. The process must meet specific pathogen reduction, vector attraction reduction and pollutant standards.

CLASS B BENEFICIAL USE: Generator's sewage sludge is processed in New Jersey by a system designed to prepare Non-Exceptional Quality sewage sludge for beneficial use as a fertilizer or other soil amendment. The process must meet specific but less intense pathogen reduction, vector attraction reduction and pollutant standards which, when combined with site restrictions and management practices, are equally protective of human health and the environment.

OUT-OF-STATE BENEFICIAL USE: Generator's sewage sludge is managed in a beneficial use system located in another state. Generator is required to demonstrate compliance with regulations applicable in the receiving jurisdiction.

OUT-OF-STATE DISPOSAL: Generator's sewage sludge is managed in another state. Generator is required to demonstrate compliance with regulations applicable in the receiving jurisdiction.

IN-STATE BENEFICIAL USE LANDFILL COVER: Generator's sewage sludge is beneficially used by a New Jersey landfill specifically permitted by the Department to utilize the material as a landfill cover component.

OTHER DTW: Generator transports sludge to another larger receiving domestic treatment works where the sludge is processed by the receiving domestic treatment works and becomes a part of the quantity of sludge reported by the receiving domestic treatment works.

Table 1 SUMMARY OF EXISTING DOMESTIC SLUDGE PRODUCTION BY FINAL MANAGEMENT MODES (DMT/YR) (For the Calendar Year 2023)								
COUNTY	INCINERATION	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	COUNTY TOTAL
Atlantic	12182.0	325.6	0.0	0.0	0.0	0.0	323.3	12830.9
Bergen	4242.9	0.0	0.0	0.0	0.0	0.0	13401.3	17644.2
Burlington	0.0	5785.9	155.3	0.0	473.2	0.0	1007.8	7422.1
Camden	0	0	0	5465.3	381.2	0	262.5	6109.0
Cape May	0.0	0.0	0.0	0.0	396.6	0.0	4232.9	4629.5
Cumberland	0.0	120.6	975.6	0.0	617.1	0.0	646.7	2360.0
Essex	0.0	0.0	0.0	39827.6	0.0	0.0	1989.3	41816.9
Gloucester	0.0	78.7	0.0	333.3	857.3	2194.4	10.6	3474.3
Hudson	0.0	0.0	0.0	0.0	0.0	0.0	4526.9	4526.9
Hunterdon	0.0	0.0	0.0	0.0	64.9	0.0	1589.9	1654.8
Mercer	6639.0	0.0	0.0	1209.6	63.5	0.0	3195.5	11107.6
Middlesex	0.0	1326.0	0.0	4145.1	0.0	25269.0	366.9	31107.0
Monmouth	2806.2	136.1	0.0	0.0	620.5	0.0	5636.9	9199.7
Morris	0.0	0.0	0.0	0.0	2637.0	0.0	10139.9	12776.9
Ocean	0.0	3508.5	0.0	0.0	72.4	0.0	5712.0	9292.9
Passaic	0.0	0.0	0.0	0.0	0.0	0.0	3418.7	3418.7
Salem	0.0	0.0	237.7	0.0	336.7	0.0	208.0	782.4
Somerset	3825.3	0.0	0.0	0.0	352.6	0.0	982.4	5160.3
Sussex	0.0	0.0	0.0	0.0	0.0	0.0	1174.3	1174.3
Union	0.0	1784.6	0.0	4771.9	2720.5	0.0	1066.5	10343.5
Warren	0.0	0.0	0.0	0.0	6.8	0.0	1122.3	1129.1
TOTALS	29695.4	13066.0	1368.6	55752.8	9600.2	27463.4		136946.4
%TOTAL	21.68%	9.54%	1.00%	40.71%	7.01%	20.05%		100.00%

TABLE 1A
DOMESTIC SQAR REPORT (Calendar Year 2023)

							DRY METRIC TONS/YEAR							
COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Atlantic	Atlantic City	46088	0198099	Atlantic County UA WWTF	27.7917	40.0000	12182.0							12182.0
Atlantic	Buena Boro	46154	0104337	Boro of Buena MUA	0.3229	0.4000		325.6						325.6
Atlantic	Hammonton Town	46421	0200280	Hammonton WWTP	0.5334	1.6000							322.1	322.1
Atlantic	Weymouth	46720	0223280	Oaks of Weymouth	0.0267	0.0963							1.2	1.2
Atlantic County:							12182.0	325.6	0.0	0.0	0.0	0.0	323.3	12830.9

							DRY METRIC TONS/YEAR							
COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Bergen	Little Ferry Boro	46121	0198005	Bergen County UA	74.4370	94.0000							12306.5	12306.5
Bergen	Edgewater Boro	46295	0198048	Edgewater Boro STP	3.9174	6.0000							716.6	716.6
Bergen	Oakland Boro	46652	0223310	Oakland Care Center	0.0239	0.0300							0.4	0.4
Bergen	Waldwick Boro	46713	0198188	Northwest Bergen County UA	10.0992	16.8000	4242.9							4242.9
Bergen	Oakland Boro	46717	0223298	Skyview Hi Brook STP	0.0157	0.0230							4.5	4.5
Bergen	Oakland Boro	46718	0223301	Oakland DPW - Oakwood Knolls	0.0237	0.0350							5.9	5.9
Bergen	Oakland Boro	46824	0223336	Ramapo-Indian Hills H.S.	0.0058	0.0336							0.8	0.8
Bergen	Ridgewood Twp	46844	0198170	Ridgewood Village STP	2.4888	5.0000							356.4	356.4
Bergen	Oakland Boro	47178	0211681	Ramapo River Club WTP	0.0675	0.1137							10.2	10.2
Bergen County:							4242.9	0.0	0.0	0.0	0.0	0.0	13401.3	17644.2

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							DRY METRIC TONS/YEAR							
COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Burlington	Beverly City	46129	0200867	Beverly SA	0.4028	1.0000					18.1			18.1
Burlington	Bordentown City	46140	0200387	Bordentown SA Black's Creek STP	1.7643	3.0000		339.9						339.9
Burlington	Burlington City	46156	0200379	Burlington City WWTP	1.8122	2.7000		333.5						333.5
Burlington	Burlington Twp	46158	0200298	Central Ave WWTP	2.1210	3.6500							401.6	401.6
Burlington	North Hanover Twp	46166	0223344	California Village MHP	0.0080	0.0320							14.6	14.6
Burlington	Cinnaminson Twp	46208	0200336	Cinnaminson SA	1.0188	2.0000		216.3			142.8			359.1
Burlington	Delran Twp	46265	0200310	Delran Twp Sewer Utility Dept	1.8458	2.5000		101.4						101.4
Burlington	Evesham Twp	46311	0200344	Elmwood WTP	1.9517	2.9780		778.4						778.4
Burlington	Evesham Twp	46312	0200352	Woodstream STP	1.0969	1.7000							167.3	167.3
Burlington	Evesham Twp	46313	0211737	Kings Grant STP	0.3824	0.6000							92.0	92.0
Burlington	Fieldsboro Boro	46343	0211745	Fieldsboro WWTP	0.0523	0.1000							1.0	1.0
Burlington	Florence Twp	46351	0200328	Florence Twp STP	1.3041	2.5000		401.5						401.5
Burlington	Mansfield Twp	46454	0211761	Homestead Utility Company	0.1950	0.2500					4.1		22.0	26.1
Burlington	Maple Shade	46579	0200417	Maple Shade Park Ave WWTP	2.3675	3.4000		406.7						406.7
Burlington	Medford Lakes Boro	46591	0211699	Medford Lakes Boro STP	0.3484	0.5500		17.4						17.4
Burlington	Medford Twp	46592	0200409	Medford Twp WWTP	1.3000	1.7500							222.3	222.3
Burlington	Southampton Twp	46625	0223361	Mobile Estates of Southampton Inc	0.0399	0.0600							1.9	1.9
Burlington	Moorestown Twp	46637	0200395	Moorestown Twp STP	2.5800	3.8800		161.4						161.4

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Burlington	Mount Holly Twp	46648	0198412	Mount Holly WPCF	3.2942	7.6750		1005.2						1005.2
Burlington	Mount Laurel Twp	46649	0198242	Hartford RD WWTF	4.2812	6.0000		1225.6					13.9	1239.5
Burlington	Bordentown Twp	46684	0200816	Albert C. Wagner YCF	0.5365	0.7690					36.4			36.4
Burlington	Woodland Twp	46695	0211753	New Lisbon Developmental Ctr	0.0787	0.2000								0.0
Burlington	Palmyra Boro	46748	0200361	Palmyra STP	0.4828	1.0500					27.1			27.1
Burlington	Pemberton Twp	46763	0138827	Francis S. Doyle Jr TF	1.6534	2.5000			155.3		153.1		0.5	308.9
Burlington	Pemberton Twp	46764	0223417	Helen A Fort Middle School	0.0058	0.0500							0.3	0.3
Burlington	Riverside Twp	46851	0200301	Riverside SA	0.7000	1.0000		42.8						42.8
Burlington	Riverton Boro	46852	0211702	Riverton STP	0.1460	0.2200					29.7			29.7
Burlington	Southampton Twp	46912	0211729	Pinelands Wastewater Co.	0.2828	0.5000					31.9			31.9
Burlington	North Hanover Twp	46925	0223409	Spartan Village Inc.	0.0322	0.0380							1.8	1.8
Burlington	Tabernacle Twp	46972	0223379	Kenneth R. Olson Middle School	0.0013	0.0280								0.0
Burlington	Pemberton Twp	47027	0200425	USDOD JB MDL WTP	2.3360	4.6000		322.8						322.8
Burlington	Willingboro Twp	47089	0198081	Willingboro WPCF	3.6253	5.2200		433.0						433.0
Burlington	Wrightstown Boro	47101	0211711	Wrightstown Boro STP	0.0923	0.3370					7.0			7.0
Burlington	Bass River	47645	0223387	Viking Yacht Co	0.0071	0.0250							7.1	7.1
Burlington	Mansfield Twp	47714	0211770	Mansfield Farms	0.1889	0.3760					23.0		58.3	81.3
Burlington	Tabernacle Twp	50503	0223395	Seneca High School	0.0056	0.0300							3.2	3.2
Burlington County:							0.0	5785.9	155.3	0.0	473.2	0.0	1007.8	7422.1

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COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Camden	Camden City	46168	0198421	Delaware #1 WPCF	54.1250	80.0000				5465.3	381.2		262.5	6109.0
Camden County:							0.0	0.0	0.0	5465.3	381.2	0.0	262.5	6109.0

							DRY METRIC TONS/YEAR							
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Cape May	Middle Twp	46098	0223433	Avalon Country Club	0.0220	0.0672							1.1	1.1
Cape May	Lower Twp	46172	0200441	Cape May City WWTP	1.2500	3.0000							218.3	218.3
Cape May	Ocean City	46173	0198366	Cape May County MUA Ocean City	3.2000	8.2400					103.0		538.0	641.0
Cape May	Avalon Boro	46175	0198374	Cape May Co. MUA 7-Mile Beach	3.3600	7.6700					135.4		1665.8	1801.2
Cape May	Middle Twp	46176	0198382	CMCMUA-Wildwood/Lower STP	8.6450	14.1800					158.2		850.1	1008.3
Cape May	Lower Twp	46562	0200875	Lower Twp MUA	1.8808	4.0000							957.6	957.6
Cape May	Woodbine Boro	46694	0211818	Woodbine State School	0.0690	0.1600								0.0
Cape May	Dennis Twp	47376	0223441	Lake and Shore Resort	0.0115	0.0619							0.3	0.3
Cape May	Upper Twp	87721	0223450	Osprey Point	0.0126	0.0253							1.7	1.7
Cape May County:							0.0	0.0	0.0	0.0	396.6	0.0	4232.9	4629.5

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COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Cumberland	Maurice River Twp	46113	0211834	Bayside State Prison	0.7173	0.6100					40.4			40.4
Cumberland	Bridgeton City	46249	0257591	CCUA-Cohansey Rvr Basin	3.2316	7.0000			64.4		576.7		19.4	660.5
Cumberland	Vineland City	46537	0134091	Landis SA STP	5.7392	10.2000			911.2					911.2
Cumberland	Millville City	46612	0198340	Millville SA STP	2.4868	5.0000		120.6					627.3	747.9
Cumberland County:							0.0	120.6	975.6	0.0	617.1	0.0	646.7	2360.0

							DRY METRIC TONS/YEAR							
COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Essex	Caldwell Boro	46165	0200450	Caldwell Boro	3.8333	4.5000							761.6	761.6
Essex	Cedar Grove Twp	46191	0200557	Cedar Grove STP	1.4851	2.0000							317.6	317.6
Essex	Livingston Twp	46556	0200549	Livingston Twp STP	2.6630	4.6000							438.8	438.8
Essex	Newark	46756	0198064	Passaic Valley Sewerage Comm.	240.3333	330.0000				39827.6			294.1	40121.7
Essex	Verona Boro	47050	0200531	Verona STP	2.0992	3.0000							177.2	177.2
Essex County:							0.0	0.0	0.0	39827.6	0.0	0.0	1989.3	41816.9

							DRY METRIC TONS/YEAR							
COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Gloucester	West Deptford Twp	46394	0198137	Gloucester County UA	15.9900	27.0000				333.3		2194.4		2527.7
Gloucester	Greenwich Twp	46404	0200573	Greenwich Twp STP	0.4632	1.0000					129.5			129.5
Gloucester	Harrison Twp	46426	0211842	Twp of Harrison Mullica Hill	0.3772	0.8000		78.7						78.7
Gloucester	Logan Twp	46557	0200565	Logan Twp MUA	1.0814	2.7500					649.4		10.6	660.0
Gloucester	Swedesboro Boro	46967	0211851	Boro of Swedesboro	0.2088	0.3500					78.4			78.4
Gloucester County:							0.0	78.7	0.0	333.3	857.3	2194.4	10.6	3474.3

							DRY METRIC TONS/YEAR							
COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Hudson	Hoboken City	46440	0198285	Hoboken City STP	13.0675	20.8000							2053.0	2053.0
Hudson	Secaucus Town	46460	0211877	Hudson County Meadowview Hosp.	0.1470	0.7500								0.0
Hudson	North Bergen Twp	46705	0200581	North Bergen-Woodcliff	3.3097	2.9100							349.7	349.7
Hudson	Secaucus Town	46884	0198234	Secaucus MUA	3.0749	5.1200							707.2	707.2
Hudson	West New York Town	47081	0198251	West New York Town MUA	9.5275	10.0000							1417.0	1417.0
Hudson County:							0.0	0.0	0.0	0.0	0.0	0.0	4526.9	4526.9

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COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Hunterdon	Washington Twp	46149	0223522	Brass Castle	0.0146	0.0220							1.4	1.4
Hunterdon	Clinton Town	46220	0200590	Clinton Town STP	1.3547	2.0300							290.7	290.7
Hunterdon	Delaware Twp	46264	0223492	Delaware Twp MUA	0.0251	0.0650							3.1	3.1
Hunterdon	Clinton Twp	46323	0223549	Exxon Research & Development	0.0220	0.0505							2.4	2.4
Hunterdon	Frenchtown Boro	46366	0211907	Frenchtown STP	0.1771	0.1500							18.1	18.1
Hunterdon	Bloomsbury Boro	46375	0223484	Travel Centers of America	0.0103	0.0220							0.7	0.7
Hunterdon	Lebanon Twp	46390	0223468	Hagadorn Geriatric Center	0.0453	0.0520							8.9	8.9
Hunterdon	Lambertville City	46534	0200603	Lambertville STP	0.8718	1.5000							205.9	205.9
Hunterdon	Milford Boro	46608	0211885	Milford Sewer Utility STP	0.2365	0.4000					64.9			64.9
Hunterdon	Clinton Twp	46651	0211893	Youth Corr'n. Inst.-Annandale	0.1695	0.2600							5.6	5.6
Hunterdon	Raritan Twp	46827	0200611	Raritan Twp MUA	3.0325	3.8000							889.1	889.1
Hunterdon	Readington Twp	46831	0200824	Readington Lebanon SA	0.7056	1.2000							149.5	149.5
Hunterdon	Glen Gardener Boro	46933	0223506	Spruce Hills	0.0320	0.0580								0.0
Hunterdon	Readington Twp	46940	0223531	Stanton Prop	0.0347	0.0610							6.1	6.1
Hunterdon	Tewksbury Twp	46983	0223514	Oldwick Village STP	0.0263	0.0300								0.0
Hunterdon	Tewksbury Twp	47044	0223476	Valley Road S.C.-Pottersville	0.0453	0.0480							1.0	1.0
Hunterdon	Clinton Twp	47432	0223557	Glen Meadows/Twin Oaks	0.0119	0.0250							3.6	3.6
Hunterdon	Tewksbury Twp	47517	0223565	Crossroads @ Oldwick	0.0121	0.0225							1.0	1.0
Hunterdon	Union Twp	130296	0223573	Fallone Group Development	0.0221	0.0221							2.7	2.7
Hunterdon County:							0.0	0.0	0.0	0.0	64.9	0.0	1589.9	1654.8

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COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Mercer	Hopewell Twp	46084	0223590	Hopewell Business Campus	0.0175	0.0800							2.0	2.0
Mercer	East Windsor Twp	46289	0200638	East Windsor MUA	2.8417	4.5000							761.3	761.3
Mercer	Lawrence Twp	46296	0223603	Educational Testing Service	0.0406	0.0800							7.3	7.3
Mercer	Lawrence Twp	46314	0198161	Ewing Lawrence SA	9.8394	16.0000							1050.9	1050.9
Mercer	Hamilton Twp	46419	0198293	Independence Ave. WWTP	8.9589	16.0000				1201.7				1201.7
Mercer	Hightstown Boro	46439	0200646	Hightstown Boro	0.7645	1.0000				7.9	63.5		297.6	369.0
Mercer	Hopewell Twp	46596	0223611	Mercer County Correction Cntr.	0.0951	0.0900							89.5	89.5
Mercer	Princeton Twp	46948	0198358	Stony Brook RSA	9.7525	13.0600	6639.0							6639.0
Mercer	Hopewell Twp	46949	0211915	Stony Brook RSA - Hopewell STP	0.2717	0.3000							45.1	45.1
Mercer	Hopewell Twp	46950	0211923	Stony Brook RSA Pennington STP	0.2675	0.4450							68.9	68.9
Mercer	Trenton City	47000	0198056	Trenton STP	10.8142	20.0000							872.9	872.9
Mercer	Washington Twp	706999	0251488	Raajpo	0.0276	0.0276							0.1	0.1
Mercer County:							6639.0	0.0	0.0	1209.6	63.5	0.0	3195.5	11107.6

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Middlesex	Sayreville Boro	46606	0080713	Middlesex County UA	122.7991	147.0000		1326.0		4145.1		25269.0		30740.1
Middlesex	Plainsboro Twp	46800	0200654	Veolia NJ Princeton Meadows WTP	1.3522	1.6400							366.9	366.9
Middlesex County:							0.0	1326.0	0.0	4145.1	0.0	25269.0	366.9	31107.0

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COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Monmouth	Allentown Boro	46034	0211931	Allentown WPCP	0.1548	0.2380							32.8	32.8
Monmouth	Asbury Park City	46081	0200891	Asbury Park STP	2.2638	4.4000							344.1	344.1
Monmouth	Union Beach Boro	46112	0198145	Bayshore Regional SA	7.8051	16.0000	2806.2							2806.2
Monmouth	Middletown Twp	46378	0211940	Sandy Hook Nat'l Rec Area	0.0517	0.1890								0.0
Monmouth	Holmdel Twp	46450	0223620	Holmdel Nursing and Convales.	0.0135	0.0250								0.0
Monmouth	Long Branch City	46559	0198013	Long Branch SA Joling Ave. STP	2.3842	5.4000							1138.8	1138.8
Monmouth	Middletown Twp	46607	0198269	Middletown Twp SA	7.2900	10.8000					620.5		202.1	822.6
Monmouth	Neptune Twp	46664	0198200	Neptune Twp STP #2 Old Corlies	4.9864	8.5000							302.1	302.1
Monmouth	Monmouth Beach Boro	46710	0198307	Two Rivers Water Reclamation Auth	9.5000	13.8300		136.1					1605.1	1741.2
Monmouth	Ocean Twp	46728	0198102	Twp.of Ocean SA	4.6815	7.5000							867.1	867.1
Monmouth	Holmdel Twp	46806	0223646	23 Main Street Propco LLC	0.0071	0.0400							4.9	4.9
Monmouth	Roosevelt Boro	46858	0211958	Roosevelt Boro STP	0.1048	0.2500							33.0	33.0
Monmouth	Wall Twp	46910	0198111	South Monmouth RSA	5.3360	9.1000							463.5	463.5
Monmouth	Colts Neck Twp	47036	0211966	Earle Naval Weapons Station	0.0813	0.3700							7.3	7.3
Monmouth	Manalapan Twp	47082	0198404	Western Monmouth UA	5.2067	8.8000							589.1	589.1
Monmouth	Holmdel Twp	47105	0223638	Polo Club	0.0000	0.0280								0.0
Monmouth	Upper Freehold Twp	47550	0211974	Becon Hill WTF	0.0622	0.1037							46.9	46.9
Monmouth	Millstone Twp	745715	0270172	QR Farrington DC LLC	0.0270	0.0270							0.1	0.1
Monmouth County:							2806.2	136.1	0.0	0.0	620.5	0.0	5636.9	9199.7

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Morris	Mount Olive Twp	46075	0223671	Morris Chase	0.0098	0.0810							14.8	14.8
Morris	Mount Arlington Boro	46076	0212067	Hills of Arlington	0.1156	0.2042							291.0	291.0
Morris	Chatham Twp	46199	0200832	Chatham Twp- Main	0.7406	1.1550							184.6	184.6
Morris	Chester Twp	46201	0223719	Four Seasons at Chester	0.0167	0.0291							1.9	1.9
Morris	Chester Boro	46202	0223689	Chester Borough WTF	0.0907	0.0750							8.2	8.2
Morris	Roxbury Twp	46262	0223662	Quality Inn of Ledgewood	0.0083	0.0400							0.7	0.7
Morris	Florham Park Boro	46352	0200719	Florham Park SA	0.8674	1.4000							289.5	289.5
Morris	Washington Twp	46415	0200662	Hackettstown MUA WPCP	2.3154	3.3900							297.5	297.5
Morris	Hanover Twp	46423	0200913	Hanover Twp STP	2.0200	4.6100							406.0	406.0
Morris	Mount Olive Twp	46474	0200921	Musconetcong SA	2.4498	4.3100							1002.5	1002.5
Morris	Medham Twp	46485	0223697	Medham East Waste WTP	0.0193	0.0220							2.4	2.4
Morris	Jefferson Twp	46495	0212041	White Rock STP	0.0968	0.1295							61.2	61.2
Morris	Jefferson Twp	46496	0223778	Jefferson TWP Senior High- Middle School	0.0160	0.0275							5.8	5.8
Morris	Chatham Boro	46570	0200697	Molitor Water Pollution Control	2.4645	3.5000							521.8	521.8
Morris	Mendham Boro	46594	0211991	Mendham Boro	0.3228	0.4500							107.1	107.1
Morris	Morris Twp	46642	0200671	Morris Twp- Butterworth STP	1.8160	3.3000							410.4	410.4
Morris	Morris Twp	46643	0200689	Morris Twp- Woodland STP	0.9804	2.0000							242.3	242.3
Morris	Hanover Twp	46645	0200701	Morristown STP	2.9593	3.4500							539.2	539.2

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Morris	Chester Boro	46647	0223743	Chester Springs Shopping Cntr.	0.0190	0.0300							8.7	8.7
Morris	Mount Olive Twp	46655	0212008	Mt Olive Twp MUA - Cloverhill STP	0.3155	0.5000							111.7	111.7
Morris	Mount Olive Twp	46657	0212083	Mount Olive Villages	0.2332	0.3300							67.0	67.0
Morris	Parsippany-Troy Hill	46697	0212032	Greystone Park Psych. Hospital	0.1190	0.4000							32.7	32.7
Morris	Mount Olive Twp	46721	0212075	Oakwood Village STP	0.1647	0.1750							18.9	18.9
Morris	Chatham Twp	46751	0223654	Chatham Twp- Park Central	0.0163	0.0300							5.1	5.1
Morris	Parsippany Troy-Hill	46753	0198226	Parsippany Troy-Hills STP	12.6175	16.0000					2637.0		369.7	3006.7
Morris	Passaic Twp	46757	0212024	NJAW Twp of Long Hill	1.0278	1.2500							142.0	142.0
Morris	Lincoln Park Boro	46775	0198331	Two Bridges WWTP	5.6970	9.6390							1895.3	1895.3
Morris	Parsippany Troy-Hill	46854	0198072	Rockaway Valley Regional SA	10.9133	12.0000							2332.8	2332.8
Morris	Roxbury Twp	46860	0200905	Roxbury Twp- Ajax Terrace STP	1.7101	2.0000							613.4	613.4
Morris	Washington Twp	47067	0212016	Schooley's Mt. STP	0.4192	0.5000							66.8	66.8
Morris	Jefferson Twp	47100	0223701	Westage at Mendham	0.0203	0.0332							4.8	4.8
Morris	Jefferson Twp	47180	0223735	Jefferson Twp - Water's Edge	0.0605	0.0707							11.8	11.8
Morris	Mt. Olive Twp	47753	0223751	Country Oaks WWTP	0.0287	0.0504							9.6	9.6
Morris	Washington Twp	47764	0212091	Long Valley Village	0.1150	0.2440							38.2	38.2
Morris	Mount Olive Twp	49319	0223760	Wyndham Point	0.0094	0.0300							2.7	2.7
Morris	Jefferson Twp	49693	0212105	Jefferson Peaks WWTP	0.0579	0.1251							21.8	21.8
Morris County:							0.0	0.0	0.0	0.0	2637.0	0.0	10139.9	12776.9

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Ocean	Jackson Twp	46484	0223794	Jackson Estates	0.0161	0.0350							4.5	4.5
Ocean	Stafford Twp	46725	0198277	Ocean Co. UA Southern STP	7.1833	20.0000							1616.0	1616.0
Ocean	Brick Twp	46726	0198323	Ocean County UA North STP	22.2250	32.0000							4082.1	4082.1
Ocean	Berkeley Twp	46727	0198439	Ocean County UA Central STP	21.0150	32.0000		3508.5					7.7	3516.2
Ocean	Jackson Twp	47021	0223808	Southwind Mobile Homes Village	0.0329	0.0450							0.3	0.3
Ocean	Plumsted Twp	631998	0262145	Plumsted Twp MUA	0.0000	0.6000					72.2			72.2
Ocean	Plumsted Twp	47170	0223786	NJ American Water - Jensen's Deep Run	0.0195	0.0261					0.2		1.4	1.6
Ocean County:							0.0	3508.5	0.0	0.0	72.4	0.0	5712.0	9292.9

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Passaic	Ringwood Boro	46105	0212130	Bald Eagle Village WWTP	0.0599	0.1000							264.9	264.9
Passaic	Ringwood Boro	46692	0223867	Ringwood State Park	0.0096	0.0500								0.0
Passaic	Pompton Lakes Boro	46793	0200727	Pompton LakesBoro MUA	0.7972	1.2000							213.9	213.9
Passaic	Ringwood Boro	46846	0223824	Ringwood Acres TP	0.0193	0.0360							17.1	17.1
Passaic	Wanaque Boro	47057	0200735	Wanaque Valley RSA	1.0317	1.2500							1113.8	1113.8
Passaic	Wayne Boro	47069	0198315	Mountainview STP	7.9917	13.5000							1344.4	1344.4
Passaic	West Milford Twp	47075	0223816	Crescent Park WWTP	0.0298	0.0640							5.0	5.0
Passaic	West Milford Twp	47076	0223832	Awosting STP	0.0442	0.0650							3.3	3.3
Passaic	West Milford Twp	47077	0212113	Olde Milford WWTP	0.1083	0.1720							205.2	205.2
Passaic	West Milford Twp	47078	0212121	Highview Acres STP	0.0730	0.2000							94.8	94.8
Passaic	West Milford Twp	47192	0223859	Bald Eagle Commons	0.0618	0.0965							156.2	156.2
Passaic County:							0.0	0.0	0.0	0.0	0.0	0.0	3418.7	3418.7

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Salem	Carney's Point Twp	46181	0200751	Carney's Point STP	0.9818	1.3000			1.8		61.7		206.3	269.8
Salem	Pittsgrove Twp	46425	0223905	Harding Woods MHC LLC	0.0462	0.0750							1.2	1.2
Salem	Lower Alloways Creek	46560	0223883	Hancocks Bridge Village STP	0.0109	0.0500					1.5		0.3	1.8
Salem	Lower Alloways Creek	46561	0223891	Canton Village STP	0.0247	0.0500					1.6		0.2	1.8
Salem	Penns Grove Boro	46767	0212156	Penns Grove SA	0.3820	0.7500					45.1			45.1
Salem	Pennsville Twp	46769	0200743	Pennsville STP	1.3656	1.8750			18.1		226.8			244.9
Salem	Salem City	46867	0200760	New Jersey American Water	0.4880	1.4000			96.1					96.1
Salem	Lower Alloways Creek	46815	0256773	Hope Creek Generating Station	0.0500	0.0500								0.0
Salem	Woodstown Boro	47099	0212148	Woodstown WWTP	0.3151	0.5300			121.7					121.7
Salem County:							0.0	0.0	237.7	0.0	336.7	0.0	208.0	782.4

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Somerset	Bernards Twp	46119	0200930	Bernards Tp. SA-Harrison Brook	1.6723	2.5000					352.6			352.6
Somerset	Bernardsville Boro	46124	0212202	Bernardsville Boro STP	0.6092	0.8000							104.8	104.8
Somerset	Montgomery Twp	46183	0223921	Carrier Foundation	0.0293	0.0500							18.7	18.7
Somerset	Bernardsville Boro	46267	0212164	USVA Hospital STP-Lyons	0.0950	0.4000							11.3	11.3
Somerset	Bedminster Twp	46308	0200778	Environmental Disposal Corp.	1.3500	2.1000							319.5	319.5
Somerset	Montgomery Twp	46511	0223930	Johnson and Johnson	0.0928	0.0500							4.8	4.8
Somerset	Bedminster Twp	46536	0223913	Fiddler's Elbow Country Club	0.0049	0.0300							1.1	1.1
Somerset	Montgomery Twp	46632	0200841	Montgomery Twp-STP #2	0.4542	0.6300							53.1	53.1
Somerset	Montgomery Twp	46634	0212237	Pike Brook STP	0.4086	0.6700							111.4	111.4
Somerset	Montgomery Twp	46636	0212245	Montgomery Twp/Cherry Valley	0.1668	0.2860							29.3	29.3
Somerset	Montgomery Twp	46708	0212172	Skillman Village	0.0640	0.5000							28.4	28.4
Somerset	Bridgewater Twp	46908	0198196	Somerset Raritan Valley SA	19.6350	21.3000	3825.3						36.1	3861.4
Somerset	Warren Twp	47063	0212181	Warren Twp SA-Stage II STP	0.3774	0.4700							45.9	45.9
Somerset	Warren Twp	47064	0212199	Warren Twp SA-Stage IV STP	0.3243	0.8000							67.1	67.1
Somerset	Warren Twp	47065	0212229	Warren Twp SA-Stage V STP	0.1873	0.3800							145.0	145.0
Somerset	Bedminster Twp	191840	0223956	Lamington Farm	0.0048	0.0296							3.3	3.3
Somerset	Hillsborough Twp	214064	0223964	Hillsborough Chase	0.0041	0.0381							2.6	2.6
Somerset County:							3825.3	0.0	0.0	0.0	352.6	0.0	982.4	5160.3

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Sussex	Andover Twp	46069	0212261	Andover Nursing Home	0.1243	0.1400							5.0	5.0
Sussex	Vernon Twp	46403	0212253	Great Gorge's Resort Hotel	0.0804	0.3500								0.0
Sussex	Wantage Twp	46437	0224090	High Point Reg'l. High School	0.0048	0.0300							0.5	0.5
Sussex	Newton Town	46523	0224081	Kittatiny Regional Bd. of Ed.	0.0048	0.0450							0.6	0.6
Sussex	Newton Town	46681	0200786	Newton Municipal STP	1.0492	1.4000							267.7	267.7
Sussex	Tranquility	46682	0224031	Garden State Academy	0.0019	0.0225							0.4	0.4
Sussex	Lafayette Twp	46794	0224065	Pope John XXIII Reg. H.S.	0.0023	0.0220							1.0	1.0
Sussex	Wantage Twp	46836	0223999	Regency at Sussex Co.	0.0083	0.0800							2.0	2.0
Sussex	Sparta Twp	46919	0224073	Alpine School Sewage Plant	0.0024	0.0250								0.0
Sussex	Sparta Twp	46922	0223981	Sparta Plaza WTP	0.0334	0.0500								0.0
Sussex	Frankford Twp	46962	0223972	Homestead	0.0170	0.0500							0.5	0.5
Sussex	Hampton Twp	46964	0224006	Hampton Commons STP	0.0377	0.0500							7.4	7.4
Sussex	Hardyston Twp	46965	0200948	Sussex Co. MUA-Upper Walkkill	1.7327	2.5000							855.5	855.5
Sussex	Vernon Twp	47048	0224057	Vernon Tp/Lounsbl. Hollow Sch.	0.0092	0.0320							0.4	0.4
Sussex	Fredon Twp	47792	0224049	Bear Brook Golf Village	0.0107	0.0348							0.9	0.9
Sussex	Hampton Twp	49826	0236926	Martin Property	0.0041	0.1026							0.6	0.6
Sussex	Frankford Twp	216237	0212288	SCMUA Branchville	0.0542	0.2000							10.3	10.3
Sussex	Sparta Twp	645193	0232220	North Village @ Sparta	0.0071	0.1200							21.6	21.6
Sussex County:							0.0	0.0	0.0	0.0	0.0	0.0	1174.3	1174.3

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Union	Berkeley Heights Twp	46122	0200794	Berkeley Heights STP	1.5103	3.1000							179.3	149.1
Union	Elizabeth City	46512	0198153	Jnt. Mtg. of Essex & Union Co.	63.3406	85.0000		1784.6		4771.9				5243.3
Union	Linden City	46551	0198218	Linden Roselle SA	11.0654	17.0000							887.2	887.2
Union	Rahway	46820	0198129	Rahway Valley SA	28.6500	40.0000					2720.5			2720.5
Union County:							0.0	1784.6	0.0	4771.9	2720.5	0.0	1066.5	10343.5

							DRY METRIC TONS/YEAR							
COUNTY	MUNICIPALITY	PI	NJPDES	FACILITY	EXISTING FLOW (MGD)	DESIGN FLOW (MGD)	INCINERATOR OWNER	CLASS A BENEFICIAL USE	CLASS B BENEFICIAL USE	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	IN-STATE BENEFICIAL USE LANDFILL COVER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Warren	Blairstown Twp	46133	0224138	Blair Academy STP	0.0282	0.0500							8.8	8.8
Warren	Washington Twp	46533	0224103	Washington Twp Shopping Center	0.0080	0.0220							0.8	0.8
Warren	Allamuchy Twp	46776	0212296	Allamuchy STP	0.2829	0.6000							85.7	85.7
Warren	Phillipsburg Town	46785	0200808	Phillipsburg STP	2.2200	3.5000							796.2	796.2
Warren	Belvidere Town	47059	0212300	WC(PR)MUA-Belvidere Area STP	0.3122	0.5000							75.5	75.5
Warren	Oxford Twp	47060	0212318	WC(PR)MUA- Oxford Area STP	0.2974	0.5000							45.1	45.1
Warren	Washington Boro	47066	0200956	Washington Boro	0.7598	1.5000					6.8		94.9	101.7
Warren	Knowlton Twp	49801	0212326	Knowlton WWTP	0.0210	0.1400							5.2	5.2
Warren	Washington Boro	52623	0224111	Hawk Pointe Golf Course	0.0136	0.0820							10.1	10.1
Warren County:							0.0	0.0	0.0	0.0	6.8	0.0	1122.3	1129.1

SECTION 2

Industrial Sludge Production by Management Mode (2023)

The following tables present data on NJPDES permitted industrial sludge removal for the calendar year 2023 in the State of New Jersey as required by the Sludge Quality Assurance Regulations (SQAR, N.J.A.C. 7:14C). This information is compiled from reports submitted by NJPDES permitted industrial sludge generators and illustrated by Figure 2 above.

Summary: Table 2 presents the quantities of NJPDES permitted industrial sludge generated and modes of management in the state of New Jersey in the year 2023. The information is presented by county; subtotaled by county and mode; and totaled for the state. The percentage managed in each mode is also presented.

Detail: Table 2A presents the detailed amount of NJPDES permitted industrial sludge reported removed by mode by individual generators in the year 2023. The information is presented by county and then by municipality and then by generator permit number. The information is subtotaled by mode by county.

Please direct questions regarding this information to Residuals Unit staff of the Bureau of Ground Water, Residuals, and Permit Administration, Division of Water Quality, NJDEP at 609-984-4428.

Notes:

1. All industrial sludge values are presented in Dry Metric Tons/Year.
2. In cases where “NJPDES RES PERMIT NO.” is listed as “N/A”, residuals conditions are permitted through other NJPDES permits.
3. Management mode column headings are defined, as follows:

DTW W/ INCINERATOR: Generator’s industrial sludge is transported to a domestic treatment works that has a sludge incinerator.

IN-STATE LAND APPLICATION: Generator’s industrial sludge is land applied in-state for beneficial use as a fertilizer or other soil amendment under a NJPDES permit issued pursuant to N.J.A.C. 7:14A.

OUT-OF-STATE BENEFICIAL USE: Generator’s industrial sludge is managed in a beneficial use system located in another state. Generator is required to demonstrate compliance with regulations applicable in the receiving jurisdiction.

OUT-OF-STATE DISPOSAL: Generator’s industrial sludge is managed in another state. Generator is required to demonstrate compliance with regulations applicable in the receiving jurisdiction.

IN-STATE BENEFICIAL USE NON LAND APPLICATION: Generator’s industrial sludge is beneficially used in-state by a method other than land application.

IN-STATE LANDFILL: Generator’s industrial sludge is landfilled in-state.

OTHER: Generator transports industrial sludge to a unique management alternative.

OTHER DTW: Generator transports sludge to a receiving domestic treatment works where the sludge is processed by the receiving domestic treatment works and becomes a part of the quantity of sludge reported by the receiving domestic treatment works.

Table 2 SUMMARY OF EXISTING INDUSTRIAL SLUDGE PRODUCTION BY FINAL MANAGEMENT MODES (DMT/YR) (For the Calendar Year 2023)									
COUNTY	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	COUNTY TOTAL
Atlantic	0.0	0.0	0.0	0.0	0.0	35.9	0.0	0.0	35.9
Bergen	0.0	0.0	0.0	0.0	0.0	15.1	0.0	0.0	15.1
Burlington	0.0	0.0	0.0	157.9	0.0	301.0	0.0	0.0	458.9
Camden	0.0	0.0	0.0	0.0	0.0	13.4	0.0	0.0	13.4
Cape May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumberland	0.0	0.0	0.0	245.0	0.0	28.2	0.0	143.8	417.0
Essex	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	6.0
Gloucester	0.0	0.0	0.0	101.4	0.0	434.5	0.0	711.7	1247.7
Hudson	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	10.9
Hunterdon	0.0	0.0	0.0	0.0	0.0	63.3	0.0	114.7	178.0
Mercer	51.2	0.0	0.0	0.0	4.7	1.3	0.0	0.0	57.2
Middlesex	42.7	0.0	0.0	0.0	0.0	22.8	0.0	0.0	65.4
Monmouth	0.0	0.0	0.0	1442.0	0.0	0.0	0.0	0.0	1442.0
Morris	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.0	69.0
Ocean	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	10.2
Passaic	0.0	0.0	0.0	0.0	0.0	0.0	26.6	0.0	26.6
Salem	0.0	0.0	0.0	1434.9	0.0	47.4	0.0	0.0	1482.3
Somerset	0.0	0.0	0.0	0.0	0.0	44.7	0.0	0.0	44.7
Sussex	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Union	0.0	0.0	0.0	0.0	0.0	2682.1	0.0	0.0	2682.1
Warren	0.0	0.0	0.0	0.0	765.7	249.1	0.0	270.3	1285.1
TOTALS	93.9	0.0	0.0	3381.2	770.4	3948.9	43.5	1309.5	9547.4
%TOTAL	0.98%	0.00%	0.00%	35.41%	8.07%	41.36%	0.46%	13.72%	100.00%

TABLE 2A
INDUSTRIAL SQAR REPORT (Calendar Year 2023)

COUNTY	MUNICIPALITY	PI	NJDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DRY METRIC TONS/YEAR								
							DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Atlantic	Pleasantville	547881	0277576	PRICE LANDFILL	SI6A	Sludge Storage						35.9			35.9
Atlantic	Galloway Twp	689571	0313190	BARRETTE OUTDOOR LIVING	SI6A	Dumpster									0.0
Atlantic County:							0.0	0.0	0.0	0.0	0.0	35.9	0.0	0.0	35.9

COUNTY	MUNICIPALITY	PI	NJDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DRY METRIC TONS/YEAR								
							DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Bergen	Oakland	46307	0286494	ENGINEERING LABORATORIES INC	SI6A	Roll-off Container						15.1			15.1
Bergen County:							0.0	0.0	0.0	0.0	0.0	15.1	0.0	0.0	15.1

COUNTY	MUNICIPALITY	PI	NJDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DRY METRIC TONS/YEAR								
							DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Burlington	Florence	46253	0273996	TUSCAN DAIRY	SI6A	Holding Tank						301.0			301.0
Burlington	Southampton	46385	0309451	GENIE HOUSE	SI6A	Septic Tank									0.0
Burlington	Cinnaminson	46443	0328847	HOEGANAES CORPORATION	SI6B	Lagoons									0.0
Burlington	Burlington Twp	46813	0270512	PSE&G - BURLINGTON GENERATING STATION	SI6A	Retention Basin									0.0
Burlington	Evesham Twp	469869	0311901	ELLIS PROPERTY	SI6A	Belt Filter Press									0.0
Burlington	Palmyra	49612	0275263	GEMINI LINEN RENTAL	SI6A	DAF				157.9					157.9
Burlington County:							0.0	0.0	0.0	157.9	0.0	301.0	0.0	0.0	458.9

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Camden	Camden City	165392	0337838	PATRICK J KELLY DRUMS INC	SI7A	Centrifuge						13.4			13.4
Camden County:							0.0	0.0	0.0	0.0	0.0	13.4	0.0	0.0	13.4

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Cape May							NO	PERMITTED	INDUSTRIAL	TREATMENT	WORKS	IN COUNTY			
Cape May County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Cumberland	Commercial Twp	46179	0271896	SURFSIDE PRODUCTS LLC	SI6A	Sludge Tank								38.0	38.0
Cumberland	Deerfield Twp	46248	0284831	CUMBERLAND CNTY SOLID WASTE COMPLEX	SI7A	Sludge Storage				245.0					245.0
Cumberland	Vineland City	47047	0291862	AUNT KITTY'S FOODS INC	SI6A	Sludge Storage			INSUFFICIENT	DATA					0.0
Cumberland	Vineland City	766033	0289558	ADVANCE PIERRE	SI6A	Sludge Holding						28.2		105.8	134.0
Cumberland County:							0.0	0.0	0.0	245.0	0.0	28.2	0.0	143.8	417.0

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Essex	Roseland Boro	46564	0261882	B&G FOODS NORTH AMERICA	SI6A	Sludge Storage							6.0		6.0
Essex	Cedar Grove	517011	0326364	JEWEL PRECISION	SI6A	Belt Filter Press									
Essex County:							0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	6.0

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COUNTY	MUNICIPALITY	PI	NJDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DRY METRIC TONS/YEAR								
							DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Gloucester	Paulsboro Boro	46142	0281808	FORMER BP PAULSBORO TERMINAL NO 4555	SI6A	Belt Filter Press									0.0
Gloucester	West Deptford Twp	46223	0271888	ENERGY TRANSFER MARKETING & TERMINALS LP	SI6A	Centrifuge									0.0
Gloucester	Greenwich Twp	46433	0311928	HERCULES GIBBSTOWN GROUNDWATER TREATMENT	SI6A	Settling Tank									0.0
Gloucester	Paulsboro Boro	46618	N/A	PAULSBORO REFINING CO	SI8A	Sludge Storage						424.3			424.3
Gloucester	Logan Twp	46629	0270920	POLYMER ADDITIVES INC	SI7A	Sludge Storage								711.7	711.7
Gloucester	West Deptford Twp	46773	N/A	SOLVAY SPECIALTY POLYMERS USA LLC	SI8A	Centrifuge				101.4					101.4
Gloucester	Logan Twp	47129	0305561	LOGAN GENERATING PLANT	SI6A	Plate & Frame Press						10.2			10.2
Gloucester	Logan Twp	47568	0269166	CHEMICAL LEAMAN TANK LINES INC	SI6A	Belt Filter Press									0.0
Gloucester	Logan Twp	480767	0307599	TAYLOR FARMS NJ	SI6A	DAF									0.0
Gloucester County:							0.0	0.0	0.0	101.4	0.0	434.5	0.0	711.7	1247.7

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Hudson	Bayonne City	46319	0320102	IMTT - BAYONNE	SIA6	o/w separator EWTP									0.0
Hudson	Bayonne City	46319	0320102	IMTT - BAYONNE	SIB6	0/w separator WWTP									0.0
Hudson	Bayonne City	46798	0314048	IMTT-BC	SI7A	Centrifuge							2.5		2.5
Hudson	Kearny Town	46809	0318728	PSE&G FOSSIL KEARNY GENERATING STATION	SI6A	Settling Basin									0.0
Hudson	Kearny Town	403728	0299294	COPR SUBREGION 1 SITES TREATMET SYTSEMS	SI6A	Belt Filter Press							8.3		8.3
Hudson County:							0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	10.9

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Hunterdon	Readington Twp	46280	0309958	C&D DAIRY ENTERPRISES LLC	SI7A	Sludge Holding Tank								114.7	114.7
Hunterdon	Clinton Twp	46323	0277002	EXXONMOBIL TECHNOLOGY AND ENGINEERING	SI6A	Sludge Thickener						9.1			9.1
Hunterdon	Holland Twp	46503	0318710	GILBERT GENERATING STATION	SI6A	Settling Basin									0.0
Hunterdon	Kingwood Twp	49324	0295914	LUXFER MEL TECHNOLOGIES	SI6A	Belt Filter Press						54.2			54.2
Hunterdon County:						0.0	0.0	0.0	0.0	0.0	63.3	0.0	114.7	178.0	

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Mercer	East Windsor Twp	464761	0300713	SHISEIDO AMERICA INC	SI6A	Sludge Tanks					4.7	1.3			6.0
Mercer	Hopewell Twp	46624	0293890	HOPEWLL CAMPUS OWNER LLC	SI6A/SI6B	Physical / Chemical	51.2								51.2
Mercer	Trenton City	715602	N/A	FORMER SOUTH WARREN STREET GAS WORKS	SI6A	Frac Tanks									0.0
Mercer County:							51.2	0.0	0.0	0.0	4.7	1.3	0.0	0.0	57.2

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Middlesex	Sayreville Boro	46284	0334286	DUPONT SPECIALTY PRODUCTS USA LLC	SI6A	Drying Bed									0.0
Middlesex	Plainsboro Twp	46345	0285927	FIRMENICH INC	SI6A	Sludge Storage	42.7								42.7
Middlesex	Woodbridge Twp	46811	0335096	SEWAREN GENERATING STATION	SI6A	Settling Basin									0.0
Middlesex	Woodbridge Twp	565949	0311910	FORMER NUODEX CORP FACILITY	SI6A	Sludge Holding Tank						22.8			22.8
Middlesex County:							42.7	0.0	0.0	0.0	0.0	22.8	0.0	0.0	65.4

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Monmouth	Tinton Falls Boro	46628	0295191	MONMOUTH CNTY RECLAMATION CENTER	SI7A	Sludge Cake Storage				1442.0					1442.0
Monmouth	Tinton Falls Boro	46628	0295191	MONMOUTH CNTY RECLAMATION CENTER	SI7B	Liquid Sludge									0.0
Monmouth	Belmar Boro	49208	0314056	JCP&L BELMAR FORMER MFG GAS PLANT	SI6A	Holding Tank									0.0
Monmouth County:						0.0	0.0	0.0	1442.0	0.0	0.0	0.0	0.0	0.0	1442.0

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Morris	East Hanover Twp	46368	0287121	GIVAUDAN FLAVORS CORP	SI6A	Storage Tank								69.0	69.0
Morris County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.0	69.0

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Ocean	Toms River Twp	46207	N/A	BASF CORP	SI6A	Carbon / Iron Sludge						10.2			10.2
Ocean	Manchester Twp	46662	0269981	USDOD JOINT BASE MCGUIRE DIX LAKEHURST	SI6A	Equalization Basin									0.0
Ocean County:							0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	10.2

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Passaic	Wanaque Boro	46078	0274933	ARROW SHED LLC	SI6A	Roll-off container							26.6		26.6
Passaic	Paterson City	49491	0311898	PSE&G FORMER PATERSON MFG GAS PLANT	SI6A	Storage Tank									0.0
Passaic County:							0.0	0.0	0.0	0.0	0.0	0.0	26.6	0.0	26.6

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Salem	Oldmans Twp	46130	0324566	MEXICHEM SPECIALTY RESINS INC	SI7A	Belt Filter Press				1058.2					1058.2
Salem	Pennsville Twp	46287	0273953	CHAMBERS WORKS	SI8A	Sludge Storage				376.7					376.7
Salem	Pennsville Twp	46372	0271331	SIEGFRIED USA LLC	SI6A	Belt Thickener						47.4			47.4
Salem County:							0.0	0.0	0.0	1434.9	0.0	47.4	0.0	0.0	1482.3

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Somerset	Bridgewater Twp	790512	0287237	WYETH HOLDINGS LLC	SI6A	Centrifuge						44.7			44.7
Somerset County:							0.0	0.0	0.0	0.0	0.0	44.7	0.0	0.0	44.7

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Sussex							NO	PERMITTED	INDUSTRIAL	TREATMENT	WORKS	IN COUNTY			
Sussex County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Union	Linden City	46318	N/A	PHILLIPS 66 CO	SI8A	Belt Filter Press						2682.1			2682.1
Union	Berkeley Heights Twp	46837	N/A	CHEMTRADE SOLUTIONS LLC	SI7A	Belt Filter Press									0.0
Union	Berkeley Heights Twp	46837	N/A	CHEMTRADE SOLUTIONS LLC	SI6A	Lagoons									0.0
Union County:							0.0	0.0	0.0	0.0	0.0	2682.1	0.0	0.0	2682.1

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SQAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Warren	Washington Boro	46109	0290068	BASF CORP - WASHINGTON	SI6A/SI6B	Front Pits									0.0
Warren	White Twp	46444	0325970	DSM NUTRITIONAL PRODUCTS INC	SI7A	Belt Filter Press					765.7				765.7
Warren	Phillipsburg Town	46481	0263401	AVANTOR PERFORMANCE MATERIALS INC	SI7A	Belt Filter Press						249.1			249.1
Warren	Hackettstown	46566	0268771	MARS CHOCOLATE NORTH AMERICA LLC	SI6C	Anaerobic Dig / Post Aeration Mix								270.3	270.3
Warren County:							0.0	0.0	0.0	0.0	765.7	249.1	0.0	270.3	1285.1

SECTION 3

Food Processing Sludge and Water Treatment Residual Production by Management Mode

The following tables present data on industrial sludge removal for the calendar year 2023 in the State of New Jersey as required by the Sludge Quality Assurance Regulations (SQAR, N.J.A.C. 7:14C). This information is compiled from reports submitted by NJPDES permitted industrial sludge generators and illustrated by Figure 3 above.

Summary: Table 3 presents the quantities of NJPDES permitted food processing sludge and water treatment residual generated and modes of management in the state of New Jersey in the year 2023. The information is presented by county; subtotaled by county and mode; and totaled for the state. The percentage managed in each mode is also presented.

Detail: Table 3A presents the detailed amount of NJPDES permitted food processing sludge and water treatment residual reported removed by mode by individual generators in the year 2023. The information is presented by county and then by municipality and then by generator permit number. The information is subtotaled by mode by county. Please direct questions regarding this information to Residuals Unit staff of the Bureau of Ground Water, Residuals, and Permit Administration, Division of Water Quality, NJDEP at 609-984-4428.

Notes:

1. All food processing sludge and water treatment residual values are presented in Dry Metric Tons/Year.
2. Management mode column headings are defined, as follows:

DTW W/ INCINERATOR: Generator's food processing sludge or water treatment residual is transported to a domestic treatment works that has a sludge incinerator.

IN-STATE LAND APPLICATION: Generator's food processing sludge or water treatment residual is land applied in-state for beneficial use as a fertilizer or other soil amendment under a NJPDES permit issued pursuant to N.J.A.C. 7:14A.

OUT-OF-STATE BENEFICIAL USE: Generator's food processing sludge or water treatment residual is managed in a beneficial use system located in another state. Generator is required to demonstrate compliance with regulations applicable in the receiving jurisdiction.

OUT-OF-STATE DISPOSAL: Generator's food processing sludge or water treatment residual is managed in another state. Generator is required to demonstrate compliance with regulations applicable in the receiving jurisdiction.

IN-STATE BENEFICIAL USE NON LAND APPLICATION: Generator's food processing sludge or water treatment residual is beneficially used in-state by a method other than land application.

IN-STATE LANDFILL: Generator's food processing sludge or water treatment residual is landfilled in-state.

OTHER DTW: Generator transports sludge to a receiving domestic treatment works where the sludge is processed by the receiving domestic treatment works and becomes a part of the quantity of sludge reported by the receiving domestic treatment works.

TABLE 3 SUMMARY OF EXISTING FOOD PROCESSING SLUDGE AND WATER TREATMENT RESIDUAL PRODUCTION BY FINAL MANAGEMENT MODES (DMT/YR) (For the Calendar Year 2023)									
COUNTY	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	COUNTY TOTAL
Atlantic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bergen	0.0	0.0	266.2	0.0	0.0	0.0	0.0	0.1	266.3
Burlington	0.0	937.4	0.0	0.0	0.0	0.0	0.0	0.0	937.4
Camden	0.0	0.0	0.0	0.0	232.9	0.0	0.0	38.3	271.1
Cape May	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumberland	0.0	1783.5	0.0	46.3	35.6	0.0	0.0	229.4	2094.7
Essex	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.9	35.9
Gloucester	0.0	129.4	0.0	0.0	0.0	0.0	0.0	22.5	151.9
Hudson	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hunterdon	0.0	907.5	0.0	0.0	0.0	0.0	0.0	0.0	907.5
Mercer	0.0	1996.8	0.0	0.0	0.0	0.0	0.0	0.0	1996.8
Middlesex	0.0	0.0	0.0	947.9	0.0	0.0	0.0	0.0	947.9
Monmouth	0.0	1601.8	0.0	0.0	0.0	0.0	0.0	15.0	1616.8
Morris	0.0	0.0	799.0	0.0	0.0	58.0	10.0	0.0	867.0
Ocean	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Passaic	0.0	644.0	0.0	0.0	0.0	51.6	0.0	2756.0	3451.6
Salem	0.0	0.0	0.0	0.0	1130.8	0.0	0.0	17.6	1148.3
Somerset	0.0	8405.0	0.0	163.9	0.0	0.0	0.0	0.0	8569.0
Sussex	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
Union	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	29.1
Warren	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTALS	0.0	16405.3	1065.2	1158.1	1399.3	109.6	10.0	3144.5	23292.0
%TOTAL	0.00%	70.43%	4.57%	4.97%	6.01%	0.47%	0.04%	13.50%	100.00%

TABLE 3A
FOOD PROCESSING SLUDGE AND WATER TREATMENT RESIDUAL REPORT (Calendar Year 2023)

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Atlantic	Pleasantville	495082	0174360	ATLANTIC CITY MUA	E001	Drying Beds			INSUFFICIENT	DATA					0.0
Atlantic County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Bergen	Haworth	46413	0175749	HAWORTH WATER TREATMENT PLANT	E001	SQAR / LA			266.2						266.2
Bergen	Franklin Lakes Boro	628868	0225703	UNITED WATER WYANDOTTE	S10A	Sludge Holding Tank								0.1	0.1
Bergen County:							0.0	0.0	266.2	0.0	0.0	0.0	0.0	0.1	266.3

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Burlington	Mount Holly Twp	46301	0224588	NJ AMERICAN WATER GREEN STREET WTP	S10A	Holding Tank									0.0
Burlington	Westampton Twp	46302	0224961	NJ AMERICAN WATER CO - WOODLANE	S10A	IP Lagoon									0.0
Burlington	Mansfield	47774	0224944	NJ AMERICAN WATER CO - MANSFIELD	S10A / S10B	Sludge Drying Beds									0.0
Burlington	Delran Twp	244219	0316741	NJ AMERICAN WATER TRI-COUNTY	S12A	Belt Press		937.4							937.4
Burlington County:							0.0	937.4	0.0	0.0	0.0	0.0	0.0	0.0	937.4

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Camden	Pennsauken Twp	46644	0224936	MORRIS-DELAIR WTP	S11A	Conveyor Outlet					232.9				232.9
Camden	Camden	793341	0288675	PARKSIDE WATER TREATMENT PLANT	S10A	Holding Tank								1.5	1.5
Camden	Gibbsboro	926484	0316768	NEW JERSEY AMERICAN GIBBSBORO	S10A	Holding Tank								6.6	6.6
Camden	Haddon Heights	926599	0316784	NEW JERSEY AMERICAN HADDON HEIGHTS	S10A	Holding Tank								10.4	10.4
Camden	Magnolia	926636	0316831	NEW JERSEY AMERICAN MAGNOLIA	S10A	Holding Tank								1.7	1.7
Camden	Cherry Hill Twp	926633	0316822	NEW JERSEY AMERICAN BROWNING LANE	S10A	Holding Tank								8.9	8.9
Camden	Cherry Hill Twp	926728	0316865	NEW JERSEY AMERICAN OLD ORCHARD	S10A	Holding Tank								7.7	7.7
Camden	Gloucester Twp	926709	0316849	NEW JERSEY AMERICAN OTTERBROOK	S10A	Holding Tank								1.5	1.5
Camden County:							0.0	0.0	0.0	0.0	232.9	0.0	0.0	38.3	271.1

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Cape May	Woodbine Boro	47096	0224766	WOODBINE MUA WTP	S10A	Lagoons									0.0
Cape May County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Cumberland	Upper Deerfield Twp	46218	0131997	LASSONDE PAPPAS & SON INC	EG01	Anaerobic / DAF				46.3	1.4				47.7
Cumberland	Bridgeton City	46250	0146013	CUMBERLAND DAIRY INC	EG01	DAF		1611.9			23.9				1635.8
Cumberland	Millville City	46399	0140791	LAMONICA FINE FOODS	EG01	Clarifier/Frac Tank		10.4							10.4
Cumberland	Vineland City	47455	0131849	RICH PRODUCTS CORP	EG01	Sludge Storage								229.4	229.4
Cumberland	Bridgeton City	89184	0138118	WWF OPERATING CO	EG01	Sludge Storage		161.2			10.3				171.5
Cumberland County:							0.0	1783.5	0.0	46.3	35.6	0.0	0.0	229.4	2094.7

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Essex	Millburn Twp	49263	0224642	NEW JERSEY AMERICAN WATER CANOE BROOK	S10A	Sludge Holding Tanks								35.9	35.9
Essex County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.9	35.9

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
35															
Gloucester	Woolwich Twp	46402	0107719	GRASSO FOODS	EG01	Sludge Storage		78.3							78.3
Gloucester	Monroe Twp	47056	0107549	B&G FOODS IN AMERICA INC VIOLET PACKING DIV	EG01	Sludge Storage		51.1							51.1
Gloucester	Logan Twp	926478	0316750	NEW JERSEY AMERICAN BIRCH CREEK	S10A	Holding Tank								22.5	22.5
Gloucester County:							0.0	129.4	0.0	0.0	0.0	0.0	0.0	22.5	151.9

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Hudson							NO	PERMITTED	FACILITIES	IN	COUNTY				
Hudson County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Hunterdon	Raritan Twp	46506	0102814	JOHANNA FOODS INC	EG01	Sludge Storage		907.5							907.5
Hunterdon	West Amwell Twp	46535	0224740	UNITED WATER LAMBERTVILLE	S10A	Lagoons									0.0
Hunterdon County:							0.0	907.5	0.0	0.0	0.0	0.0	0.0	0.0	907.5

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Mercer	Hamilton Twp	46138	0224537	BORDENTOWN CITY WATER DEPT WHITEHORSE	S10A	Surface Impoundment									0.0
Mercer	Hanilton Twp	46376	0224707	ROBERT FROST WTF	S10A	Settling Lagoons									0.0
Mercer	Trenton City	47001	0224952	TRENTON WATER WORKS	S11A	Belt Press		1996.8							1996.8
Mercer County:							0.0	1996.8	0.0	0.0	0.0	0.0	0.0	0.0	1996.8

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Middlesex	Perth Amboy City	46778	0249971	RUNYON WTP	S11A	Storage Building				947.9					947.9
Middlesex County:							0.0	0.0	0.0	947.9	0.0	0.0	0.0	0.0	947.9

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Monmouth	Atlantic Highlands Boro	46090	0224511	ATLANTIC HIGHLANDS BORO WTP	S10A	Settling tank								1.6	1.6
Monmouth	Freehold Twp	46365	0224570	FREEHOLD BOROUGH DPW	S10A	Drying Beds									0.0
Monmouth	Manalapan Twp	46574	0222178	LAMBS LANE WTP	S10A	Lagoons									0.0
Monmouth	Marlboro Twp	46581	0224596	HARBOR ROAD WTP	S10A	Lagoons									0.0
Monmouth	Manalapan Twp	46587	0224758	SUEZ WATER MATCHAPONIX INC	S10A	Basins								181.6	181.6
Monmouth	Freehold Boro	46666	0131806	NESTLE USA INC	EG01	Sludge Storage		394.0							394.0
Monmouth	Hazlet Twp	46899	0224715	SHORELANDS WATER CO INC TREATMENT PLNT #1	S10A	Storage Pile		14.5							14.5
Monmouth	Holmdel Twp	46900	0224723	SHORELANDS WATER CO WATER TREATMENT PLANT #2	S10A	Storage Pile		99.7							99.7
Monmouth	Neptune Twp	47686	0107638	NEW JERSEY AMERICAN WATER JUMPING BROOK	E001	Belt thickener		264.0							264.0
Monmouth	Neptune Twp	47686	0107638	NEW JERSEY AMERICAN WATER JUMPING BROOK	E002	Belt thickener		560.9							560.9
Monmouth	Wall Twp	47734	0108511	MANASQUAN WATER SUPPLY SYSTEM	E001	Sludge Storage		31.7							31.7
Monmouth	Keansburg	493754	0224626	KEANSBURG WATER TREATMENT PLANT	S11A	Belt Filter Press		237.0							237.0
Monmouth	Matawan Boro	716470	0250872	MATAWAN BORO WATER DEPARTMENT	S10A	Sludge Holding Tank								15.0	15.0
Monmouth County:							0.0	1601.8	0.0	0.0	0.0	0.0	0.0	15.0	1616.8

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Morris	Montville Twp	46136	0224731	TAYLORTOWN FILTER PLANT	S10A	Clarifier							10.0		10.0
Morris	Kinnelon Boro	46159	0224545	BUTLER BORO WATER DEPARTMENT	S10A	Drying beds						58.0			58.0
Morris	Kinnelon Boro	46159	0224545	BUTLER BORO WATER DEPARTMENT	S10B	Lagoon									0.0
Morris	Kinnelon Boro	46342	0224561	FAYSON LAKE WATER COMPANY	S10A	Retention Tank									0.0
Morris	Parsippany-Troy Hills	244222	0158321	JERSEY CITY WATER TREATMENT FACILITIES	S11A	Centrifuge			799.0						799.0
Morris County:							0.0	0.0	799.0	0.0	0.0	58.0	10.0	0.0	867.0

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							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Ocean							NO	PERMITTED	FACILITIES	IN	COUNTY				
Ocean County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Passaic	West Milford Twp	46677	0224677	PEQUANNOCK WTP	S11A	Lagoon			INSUFFICIENT	DATA					0.0
Passaic	West Milford Twp	46677	0224677	PEQUANNOCK WTP	S11B	Centrifuge						51.6			51.6
Passaic	West Milford Twp	46677	0224677	PEQUANNOCK WTP	S11C	Lagoon Bank			INSUFFICIENT	DATA					0.0
Passaic	Wanaque Boro	47104	0156141	NORTH JERSEY DISTRICT WATER SUPPLY COMMISSION	S11A-F	Various		644.0							644.0
Passaic	Totowa Boro	244220	0157368	PASSAIC VALLEY WATER COMMISSION	S12A	Tank #3								2756.0	2756.0
Passaic County:							0.0	644.0	0.0	0.0	0.0	51.6	0.0	2756.0	3451.6

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Salem	Pittsgrove Twp	46099	0103039	B&B POULTRY CO INC	E001	Sludge holding tank					911.0				911.0
Salem	Pennsville Twp	46770	0224618	HERON AVE WTP	S10A	Lagoon A					0.1				0.1
Salem	Pennsville Twp	46771	0224669	PENNSVILLE TWP WATER ST WTP	S10A	Lagoon A					219.7				219.7
Salem	Carney's Point Twp	628866	0316857	NEW JERSEY AMERICAN WATER RANNEY STATION	S10A	Holding tank								17.6	17.6
Salem County:							0.0	0.0	0.0	0.0	1130.8	0.0	0.0	17.6	1148.3

Bureau of Ground Water, Residuals, and Permit Administration

2023

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Somerset	Bridgewater Twp	46300	0104108	RARITAN MILLSTONE WTP	E001	Belt Filter Press		7051.0							7051.0
Somerset	Bridgewater Twp	46300	0104108	RARITAN MILLSTONE WTP	E002	Air Drying		1354.0							1354.0
Somerset	Franklin Twp	46706	0224979	NORTH BRUNSWICK TWP WTP	S10A	Belt Filter Press				163.9					163.9
Somerset County:							0.0	8405.0	0.0	163.9	0.0	0.0	0.0	0.0	8569.0

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Sussex	Sussex Boro	780838	0281786	SUSSEX BORO WATER PLANT	S10A	Sludge Basin								0.7	0.7
Sussex County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Union	Rahway City	50518	0224693	RAHWAY WTP	S10A	Lagoon								29.1	29.1
Union County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	29.1

							DRY METRIC TONS/YEAR								
COUNTY	MUNICIPALITY	PI	NJPDES RES PERMIT NO.	FACILITY	SOAR DESG	MONITORED LOCATION	DTW W/ INCINERATOR	IN-STATE LAND APPLICATION	IN-STATE BENEFICIAL USE NON LAND APPL	IN-STATE LANDFILL	OUT-OF-STATE BENEFICIAL USE	OUT-OF-STATE DISPOSAL	OTHER	OTHER DTW	TOTAL SLUDGE PRODUCTION
Warren							NO	PERMITTED	FACILITIES	IN	COUNTY				
Warren County:							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0