

NRCA Nitrogen Transactions (Sales/Leases)

Date: 3/20/2023

Year	Type of Nitrogen Transaction	Seller/Leasor	Buyer/Leasee	Estuary Lbs. of Nitrogen *	Cost per Pound
2022	Lease	Contentnea MSD	CWS Systems	3,500	5.00
	Lease	Covation Biomaterials, LLC	Aqua, N. C. (Neuse Colony)	1,100	7.00
	Lease	Contentnea MSD	Craven County	4,000	\$ 6.00
2021	Lease	Dow Biosciences	Craven County	5,000	\$ 6.00
	Lease	Contentnea MSD	CWS Systems	9,500	5.00
	Lease	Dow Biosciences	Aqua, N. C. (Neuse Colony)	700	6.00
	Lease	Town of Benson	Town of Kenly	500	3.00
	Sale	International Paper	City of Raleigh	13,000	500.00
	Sale	Phillips Plating	Johnston County	1,000	500.00
2020	Lease	Dow Industrial Bioscience, LLC	Aqua, N.C.	700	\$ 5.00
	Lease	Dow Industrial Bioscience, LLC	Craven County	3,000	5.00
	Lease	Contentnea MSD	Carolina Water Service, Inc.	7,100	5.00
	Lease	Town of Benson	Town of Kenly	2,600	4.00
	Sale	International Paper, Inc.	Town of Clayton	15,000	500.00
	Sale	RS-Flat Swamp, LLC	Town of Clayton	15,908	500.00
2019	Lease	Dow Industrial Bioscience, LLC	Aqua, N.C.	3,100	\$ 5.00
	Lease	Dow Industrial Bioscience, LLC	Craven County	4,875	5.00
	Lease	Contentnea MSD	Carolina Water Service, Inc.	4,000	5.00
	Sale	Phillips Metal Works	Johnston County	1,000	500.00
2018	Lease	Contentnea MSD	CWS, Inc.	2,500	\$ 5.00
	Lease	Contentnea MSD	Town of LaGrange	4,000	4.00
	Lease	Dow-Dupont	Town of Kenly	1,000	5.00
	Lease	Dow-Dupont	Aqua, N.C.	600	5.00
	Lease	City of Goldsboro	City of Havelock	6,000	5.00
	Lease	Dow-Dupont	Craven County	4,280	4.00
2017	Lease	Contentnea MSD	CWS, Inc.	7,000	\$ 5.00
	Lease	NRCA	Craven County	50	9.00
	Lease	Dow-Dupont	Craven County	307	4.00
2016	Lease	Contentnea MSD	Town of LaGrange	1,000	\$ 4.00
	Lease	NRCA	Craven County	50	9.00
2015	Lease	Contentnea MSD	Aqua, N.C., Inc.	750	\$ 4.00
	Lease	Contentnea MSD	Town of LaGrange	1,300	4.00
	Lease	NRCA	Craven County	50	9.00

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2014	Lease	Contentnea MSD	Aqua, N.C., Inc.	4,000	\$ 4.00
	Lease	Contentnea MSD	Town of LaGrange	1,300	4.00
	Lease	NRCA	Craven County	50	9.00
2013	Lease	NRCA	CWS Systems, Inc.	1,000	\$ 9.00
2012	Lease	NRCA	CWS Systems, Inc.	1,000	\$ 9.00
	Sale	SGWASA	City of Raleigh, N.C.	2,445	330.00
2010	Lease	NRCA	Progress Energy	9,000	\$ 9.00
	Lease	Dupont - Kinston	Aqua, N.C., Inc.	1,200	4.00
	Lease	Johnston County, N.C.	Town of Kenly, N.C.	1,577	8.18
	Lease	Dupont - Kinston	Contentnea MSD	15,000	4.00
	Lease	UNIFI, LLC, Kinston, N.C.	Contentnea MSD	3,500	4.00
2009	Lease	NRCA	Progress Energy	9,000	\$ 9.00
	Lease	Dupont - Kinston	Aqua, N.C., Inc.	2,500	4.00
	Lease	Johnston County	Town of Kenly, N.C.	1,745	8.18
2008	Lease	Johnston County, N.C.	Town of Kenly, N.C.	2,100	\$ 8.18
	Lease	UNIFI, LLC, Kinston, N.C.	Aqua, N.C., Inc.	3,500	4.00
	Sale	Town of Benson, N.C.	Johnston County, N.C.	360	490.80
2007	Lease	Johnston County, N.C.	Town of Kenly, N.C.	1,800	\$ 8.18
	Lease	NRCA	MCAS Cherry Point	5,000	3.00
	Sale	UNIFI, LLC, Kinston, N.C.	Johnston County, N.C.	1,645	490.80
	Sale	UNIFI, LLC, Kinston, N.C.	Town of Clayton, N.C.	1,645	490.73
2006	Lease	UNIFI, LLC, Kinston, N.C.	Contentnea MSD	5,000	\$ 2.00
	Lease	Johnston County, N.C.	Town of Kenly, N.C.	3,000	3.00
	Lease	NRCA	MCAS Cherry Point	10,000	2.00
	Sale	SGWASA	Town of Clayton, N.C.	3,668	490.73
2005	Lease	UNIFI, LLC, Kinston, N.C.	Contentnea MSD	1,800	\$ 2.00
	Lease	Johnston County, N.C.	Town of Kenly, N.C.	1,800	3.00
	Lease	NRCA	MCAS Cherry Point	20,000	1.50
2004	Sale	Bay River MSD	Town of Butner, N.C.	6,113	\$ 275.00

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Notes:

- 1 Town of Butner, N.C. transferred their WWT facilities (and nitrogen allocation) to SGWSA in 2006.
- 2 NRCA - Neuse River Compliance Association
- 3 MCAS Cherry Point - Marine Corp Air Station, Cherry Point, Havelock, N.C. (multiple year lease).
- 4 Bay River MSD - Bay River Metropolitan Sewer District, Bayboro, N.C.
- 5 Contentnea MSD - Metropolitan Sewer District, Grifton, N.C.
- 6 SGWASA - South Granville Water & Sewer Authority, Butner, N.C.
- 7 Nitrogen lease - Temporary annual transfer for individual permit compliance.
- 8 Nitrogen sale - Permanent transfer of nitrogen allocation between two parties.
- 9 * Transport factor for "end of pipe" nitrogen value must be calculated for each individual permit holder.