

**YORK RIVER BASIN**

Table 1

Listing of Dischargers with 2022 Total Nitrogen (TN) Discharged Waste Load Allocations (WLAs) and Delivered Allocations (DAs)

Line	Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall Number	Design Flow (MGD)	TN Discharged WLA (lbs/yr)	TN Delivery Factor	TN Delivered Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
1a	Caroline County Dept. of Public Utilities Caroline County Regional WWTP	VA0073504	VAN030045	500	1.50	9,137	0.65	5,939	1/1/2021	A	-
1b	Caroline County Dept. of Public Utilities Caroline Co. Regional WWTP	VA0073504	VAN030045	500	3.00	9,137	0.65	5,939	-	A	-
2	Rapidan Service Authority Gordonsville STP (Orange Co.)	VA0021105	VAN030046	500	0.94	17,177	0.06	1,031	1/1/2021	A	-
3	New Kent County Parham Landing WWTP	VA0088331	VAN030048	500	2.00	36,547	1.00	36,547	1/1/2021	A	-
4	WestRock CP LLC West Point (King William Co.)	VA0003115	VAN030049	500	23.00	259,177	1.00	259,177	1/1/2021	A	-
5	Hanover County Aggregate	-	VAN030051	500	-	-	-	211,972	1/1/2022	A	-
5a	Ashland WWTP	VA0024899	-	501	2.00	36,547	0.55	20,101	-	A	-
5b	Doswell WWTP	VA0029521	-	502	1.00	18,273	0.50	9,137	-	A	-
5c	Doswell WWTP	VA0029521	-	502	2.00	18,273	0.50	9,137	-	A	-
5d	Totopotomoy WWTP	VA0089915	-	503	10.00	182,734	1.00	182,734	-	A	-
6	Hampton Roads Sanitation District - York River Aggregate	-	VAN030052	500	-	-	-	288,315	1/1/2021	-	-
6a	York River STP (York Co.)	VA0081311	-	501	15.00	275,927	1.00	275,927	-	A	(1)
6b	West Point STP (King William Co.)	VA0075434	-	502	0.60	10,964	1.00	10,964	-	A	-
6c	King William STP (King William Co.)	VA0088102	-	504	0.10	1,424	1.00	1,424	-	B	-
6d	King William STP (King William Co.)	VA0088102	-	504	0.15	1,424	1.00	1,424	-	B	(2)
6e	King William STP (King William Co.)	VA0088102	-	504	0.20	1,424	1.00	1,424	-	B	(2)
7	Aqua Virginia, Inc. Lake Land 'Or WWTP (Caroline Co.)	VA0060887	VAN030110	500	0.22	5,695	0.65	3,702	(2)	B	-

Table 1, 2022 Total Nitrogen Allocations

Line	Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall Number	Design Flow (MGD)	TN Discharged WLA (lbs/yr)	TN Delivery Factor	TN Delivered Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
8	Leisure Capital Corporation Shenandoah Crossing STP (Louisa Co.)	VA0076678	VAN030119	500	0.10	2,848	0.21	598	1/1/2021	B	-
9	819 Virginia LLC (Hanover Co.)	VA0077763	VAN030133	500	4.20	47,328	0.50	23,664	1/1/2021	A	-
10	LAES Inc. (Louisa Co.) Lake Anna Environmental Services STP	VA0072079	VAN030146	500	0.099	1,139	0.06	68	(2)	B	-
11	Louisa Co. Water Authority Aggregate	-	VAN030154	500	-	-	-	6,337	1/1/2023	-	-
11a	Louisa Regional WWTP	VA0067954	-	501	0.80	22,780	0.21	4,784	-	B	-
11b	Zion Crossroads WWTP	VA0090743	-	502	0.311	7,395	0.21	1,553	-	B	(3)
11c	Zion Crossroads WWTP	VA0090743	-	502	0.70	7,395	0.21	1,553	-	B	(3)
12	Woodford Estates MHC LLC (Caroline Co.)	VA0061409	VAN030156	500	0.04	1,424	0.65	926	(2)	B	-
13a	Spotsylvania County Thornburg STP	VA0029513	VAN030174	500	0.75	19,651	0.23	4,520	(2)	B	-
13b	Spotsylvania County Thornburg STP	VA0029513	VAN030174	500	1.50	19,651	0.23	4,520	(2)	B	-
14	Cutalong at Lake Anna WWTS	VA0093181	VAN030182	500	0.0369	206	0.17	35	(2)	C	(4)
	<b>York River Basin 2022 TN Totals</b>					<b>956,373</b>		<b>842,831</b>			

**YORK RIVER BASIN**

Table 2

Listing of Dischargers with 2022 Total Phosphorus (TP) Discharged Waste Load Allocations (WLAs) and Delivered Allocations (DAs)

Line	Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall Number	Design Flow (MGD)	TP Discharged WLA (lbs/yr)	TP Delivery Factor	TP Delivered Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
1a	Caroline County Dept. of Public Utilities Caroline County Regional STP	VA0073504	VAN030045	500	1.50	609	0.72	438	1/1/2021	A	-
1b	Caroline County Dept. of Public Utilities Caroline County Regional STP	VA0073504	VAN030045	500	3.00	609	0.72	438	-	A	-
2	Rapidan Service Authority Gordonsville STP (Orange Co.)	VA0021105	VAN030046	500	0.94	1,145	0.53	607	1/1/2021	A	-
3	New Kent County Parham Landing WWTP	VA0088331	VAN030048	500	2.00	2,436	1.00	2,436	1/1/2021	A	-
4	WestRock CP LLC West Point (King William Co.)	VA0003115	VAN030049	500	23.00	56,038	1.00	56,038	1/1/2021	A	-
5	Hanover County Aggregate	-	VAN030051	500	-	-	-	14,557	1/1/2022	-	-
5a	Ashland WWTP	VA0024899	-	501	2.00	2,436	0.65	1,583	-	A	-
5b	Doswell WWTP	VA0029521	-	502	1.00	1,218	0.65	792	-	A	-
5c	Doswell WWTP	VA0029521	-	502	2.00	1,218	0.65	792	-	A	-
5d	Totopotomoy WWTP	VA0089915	-	503	10.00	12,182	1.00	12,182	-	A	-
6	Hampton Roads Sanitation District - York River Aggregate	-	VAN030052	500	-	-	-	19,316	1/1/2021	-	-
6a	York River STP (York Co.)	VA0081311	-	501	15.00	18,395	1.00	18,395	-	A	(1)
6b	West Point STP (King William Co.)	VA0075434	-	502	0.60	731	1.00	731	-	A	-
6c	King William STP (King William Co.)	VA0088102	-	504	0.10	190	1.00	190	-	B	-
6d	King William STP (King William Co.)	VA0088102	-	504	0.15	190	1.00	190	-	B	(2)
6e	King William STP (King William Co.)	VA0088102	-	504	0.20	190	1.00	190	-	B	(2)
7	Aqua Virginia, Inc. Lake Land 'Or WWTP (Caroline Co.)	VA0060887	VAN030110	500	0.22	761	0.72	548	(2)	B	-

Table 2, 2022 Total Phosphorus Allocations

Line	Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall Number	Design Flow (MGD)	TP Discharged WLA (lbs/yr)	TP Delivery Factor	TP Delivered Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
8	Leisure Capital Corporation Shenandoah Crossing STP (Louisa Co.)	VA0076678	VAN030119	500	0.10	381	0.65	248	1/1/2021	B	-
9	819 Virginia LLC (Hanover Co.)	VA0077763	VAN030133	500	4.20	10,233	0.65	6,651	1/1/2021	A	-
10	LAES Inc. (Louisa Co.) Lake Anna Environmental Services STP	VA0072079	VAN030146	500	0.099	152	0.53	81	(2)	B	-
11	Louisa Co. Water Authority Aggregate	-	VAN030154	500	-	-	-	2,428	1/1/2023	-	-
11a	Louisa Regional WWTP	VA0067954	-	501	0.80	3,045	0.65	1,979	-	B	-
11b	Zion Crossroads WWTP	VA0090743	-	502	0.311	691	0.65	449	-	B	(3)
11c	Zion Crossroads WWTP	VA0090743	-	502	0.70	691	0.65	449	-	B	(3)
12	Woodford Estates MHC LLC (Caroline Co.)	VA0061409	VAN030156	500	0.04	190	0.72	137	(2)	B	-
13a	Spotsylvania County Thornburg STP	VA0029513	VAN030174	500	0.75	2,627	0.48	1,261	(2)	B	-
13b	Spotsylvania County Thornburg STP	VA0029513	VAN030174	500	1.50	2,627	0.48	1,261	(2)	B	-
14	Cutalong at Lake Anna WWTS	VA0093181	VAN030182	500	0.0369	33	0.16	5	(2)	C	(4)
	<b>York River Basin 2022 TP Totals</b>					<b>113,493</b>		<b>104,751</b>			

**YORK RIVER BASIN**

Table 3

Listing of Dischargers with 2026 Total Nitrogen (TN) Discharged Waste Load Allocations (WLAs) and Delivered Allocations (DAs)

Line	Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall Number	Design Flow (MGD)	TN Discharged WLA (lbs/yr)	TN Delivery Factor	TN Delivered Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
1a	Caroline County Dept. of Public Utilities Caroline County Regional STP	VA0073504	VAN030045	500	1.50	9,137	0.34	3,107	1/1/2026	A	-
1b	Caroline County Dept. of Public Utilities Caroline Co. Regional STP	VA0073504	VAN030045	500	3.00	9,137	0.34	3,107	-	A	-
2	Rapidan Service Authority Gordonsville STP (Orange Co.)	VA0021105	VAN030046	500	0.94	17,177	0.16	2,748	1/1/2026	A	-
3	New Kent County Parham Landing WWTP	VA0088331	VAN030048	500	2.00	36,547	1.00	36,547	1/1/2026	A	-
4	WestRock CP LLC West Point (King William Co.)	VA0003115	VAN030049	500	23.00	259,177	1.00	259,177	1/1/2026	A	-
5	Hanover County Aggregate	-	VAN030051	500	-	-	-	214,712	1/1/2026	A	-
5a	Ashland WWTP	VA0024899	-	501	2.00	36,547	0.58	21,197	-	A	-
5b	Doswell WWTP	VA0029521	-	502	1.00	18,273	0.59	10,781	-	A	-
5c	Doswell WWTP	VA0029521	-	502	2.00	18,273	0.59	10,781	-	A	-
5d	Totopotomoy WWTP	VA0089915	-	503	10.00	182,734	1.00	182,734	-	A	-
6	Hampton Roads Sanitation District - York River Aggregate	-	VAN030052	500	-	-	-	240,832	1/1/2026	-	-
6a	York River STP (York Co.)	VA0081311	-	501	15.00	228,444	1.00	228,444	-	D	(1)
6b	West Point STP (King William Co.)	VA0075434	-	502	0.60	10,964	1.00	10,964	-	A	-
6c	King William STP (King William Co.)	VA0088102	-	504	0.10	1,424	1.00	1,424	-	B	-
6d	King William STP (King William Co.)	VA0088102	-	504	0.15	1,424	1.00	1,424	-	B	(2)
6e	King William STP (King William Co.)	VA0088102	-	504	0.20	1,424	1.00	1,424	-	B	(2)
7	Aqua Virginia, Inc. Lake Land 'Or WWTP (Caroline Co.)	VA0060887	VAN030110	500	0.22	5,695	0.30	1,709	(2)	B	-

Table 3, 2026 Total Nitrogen Allocations

Line	Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall Number	Design Flow (MGD)	TN Discharged WLA (lbs/yr)	TN Delivery Factor	TN Delivered Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
8	Leisure Capital Corporation Shenandoah Crossing STP (Louisa Co.)	VA0076678	VAN030119	500	0.10	2,848	0.48	1,367	1/1/2026	B	-
9	819 Virginia LLC (Hanover Co.)	VA0077763	VAN030133	500	4.20	47,328	0.60	28,397	1/1/2026	A	-
10	LAES Inc. (Louisa Co.) Lake Anna Environmental Services STP	VA0072079	VAN030146	500	0.099	1,139	0.17	194	(2)	B	-
11	Louisa Co. Water Authority Aggregate	-	VAN030154	500	-	-	-	13,123	1/1/2026	-	-
11a	Louisa Regional WWTP	VA0067954	-	501	0.80	22,780	0.43	9,795	-	B	-
11b	Zion Crossroads WWTP	VA0090743	-	502	0.311	7,395	0.45	3,328	-	B	(3)
11c	Zion Crossroads WWTP	VA0090743	-	502	0.70	7,395	0.45	3,328	-	B	(3)
12	Woodford Estates MHC LLC (Caroline Co.)	VA0061409	VAN030156	500	0.04	1,424	0.30	427	(2)	B	-
13a	Spotsylvania County Thornburg STP	VA0029513	VAN030174	500	0.75	19,651	0.23	4,520	(2)	B	-
13b	Spotsylvania County Thornburg STP	VA0029513	VAN030174	500	1.50	19,651	0.23	4,520	(2)	B	-
14	Cutalong at Lake Anna WWTS	VA0093181	VAN030182	500	0.0369	206	0.17	35	(2)	C	(4)
	<b>York River Basin 2026 TN Totals</b>					<b>908,890</b>		<b>806,895</b>			

**YORK RIVER BASIN**

Table 4

Listing of Dischargers with 2026 Total Phosphorus (TP) Discharged Waste Load Allocations (WLAs) and Delivered Allocations (DAs)

Line	Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall Number	Design Flow (MGD)	TP Discharged WLA (lbs/yr)	TP Delivery Factor	TP Delivered Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
1a	Caroline County Dept. of Public Utilities Caroline County Regional STP	VA0073504	VAN030045	500	1.50	609	0.35	213	1/1/2026	A	-
1b	Caroline County Dept. of Public Utilities Caroline County Regional STP	VA0073504	VAN030045	500	3.00	609	0.35	213	-	A	-
2	Rapidan Service Authority Gordonsville STP (Orange Co.)	VA0021105	VAN030046	500	0.94	1,145	0.18	206	1/1/2026	A	-
3	New Kent County Parham Landing WWTP	VA0088331	VAN030048	500	2.00	2,436	1.00	2,436	1/1/2026	A	-
4	WestRock CP LLC West Point (King William Co.)	VA0003115	VAN030049	500	23.00	56,038	1.00	56,038	1/1/2026	A	-
5	Hanover County Aggregate	-	VAN030051	500	-	-	-	13,911	1/1/2026	-	-
5a	Ashland WWTP	VA0024899	-	501	2.00	2,436	0.48	1,169	-	A	-
5b	Doswell WWTP	VA0029521	-	502	1.00	1,218	0.46	560	-	A	-
5c	Doswell WWTP	VA0029521	-	502	2.00	1,218	0.46	560	-	A	-
5d	Totopotomoy WWTP	VA0089915	-	503	10.00	12,182	1.00	12,182	-	A	-
6	Hampton Roads Sanitation District - York River Aggregate	-	VAN030052	500	-	-	-	19,316	1/1/2026	-	-
6a	York River STP (York Co.)	VA0081311	-	501	15.00	18,395	1.00	18,395	-	A	(1)
6b	West Point STP (King William Co.)	VA0075434	-	502	0.60	731	1.00	731	-	A	-
6c	King William STP (King William Co.)	VA0088102	-	504	0.10	190	1.00	190	-	B	-
6d	King William STP (King William Co.)	VA0088102	-	504	0.15	190	1.00	190	-	B	(2)
6e	King William STP (King William Co.)	VA0088102	-	504	0.20	190	1.00	190	-	B	(2)
7	Aqua Virginia, Inc. Lake Land 'Or WWTP (Caroline Co.)	VA0060887	VAN030110	500	0.22	761	0.35	266	(2)	B	-

Table 4, 2026 Total Phosphorus Allocations

Line	Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall Number	Design Flow (MGD)	TP Discharged WLA (lbs/yr)	TP Delivery Factor	TP Delivered Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
8	Leisure Capital Corporation Shenandoah Crossing STP (Louisa Co.)	VA0076678	VAN030119	500	0.10	381	0.48	183	1/1/2026	B	-
9	819 Virginia LLC (Hanover Co.)	VA0077763	VAN030133	500	4.20	10,233	0.58	5,935	1/1/2026	A	-
10	LAES Inc. (Louisa Co.) Lake Anna Environmental Services STP	VA0072079	VAN030146	500	0.099	152	0.16	24	(2)	B	-
11	Louisa Co. Water Authority Aggregate	-	VAN030154	500	-	-	-	1,794	1/1/2026	-	-
11a	Louisa Regional WWTP	VA0067954	-	501	0.80	3,045	0.48	1,462	-	B	-
11b	Zion Crossroads WWTP	VA0090743	-	502	0.311	691	0.48	332	-	B	(3)
11c	Zion Crossroads WWTP	VA0090743	-	502	0.70	691	0.48	332	-	B	(3)
12	Woodford Estates MHC LLC (Caroline Co.)	VA0061409	VAN030156	500	0.04	190	0.35	67	(2)	B	-
13a	Spotsylvania County Thornburg STP	VA0029513	VAN030174	500	0.75	2,627	0.48	1,261	(2)	B	-
13b	Spotsylvania County Thornburg STP	VA0029513	VAN030174	500	1.50	2,627	0.48	1,261	(2)	B	-
14	Cutalong at Lake Anna WWTS	VA0093181	VAN030182	500	0.0369	33	0.16	5	(2)	C	(4)
	<b>York River Basin 2026 TP Totals</b>					<b>113,493</b>		<b>101,655</b>			

Basis for Limits codes (these represent the original basis of the facility WLA and do not reflect trades, netting or bioavailability considerations)

A = Water Quality Management Planning (WQMP) Regulation (9 VAC 25-720-120.C)

B = Permitted design capacity

C = New facility, loading limit of zero

D = Title 62.1-44.19:14.G. of the Code of Virginia (2021 Acts of Assembly, Chapter 363)

- 1) York River STP wasteload allocation reflects the consolidation of the Mathews Courthouse STP.
- 2) For new facilities that have not previously discharged, the allocation is effective upon issuance of a Certificate to Operate. For expanding facilities, the allocation is effective as of January 1 of the calendar year immediately following the year in which a Certificate to Operate (or equivalent industrial activity) was issued at the design flow listed above.
- 3) Zion Crossroads WWTP wasteload allocation reflects the consolidation of Get Captive LLC (VA0088706).



- 4) Cutalong at Lake Anna WWTS discharged wasteload allocations reflect perpetual non-point source credits of 206 lbs/yr TN and 33 lbs/yr TP that are generated onsite from a 74.73-acre hay-to-forest land conversion and are applied at the edge-of-stream, hydrologically upstream of Lake Anna.