

RAPPAHANNOCK 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)
1	Town of Culpeper (Culpeper Co.) Culpeper Water Pollution Control Facility	VA0061590	VAN020024	500	6.00	73,093	0.49	35,816	1/1/2021	A	(1)
2	Town of Orange (Orange Co.) Orange WWTP	VA0021385	VAN020025	500	3.00	36,547	0.21	7,675	1/1/2021	A	-
3	Greene County Board of Supervisors Rapidan WWTP	VA0090948	VAN020026	500	0.60	7,309	0.21	1,535	1/1/2021	A	-
4	Town of Warrenton (Fauquier Co.) Warrenton WWTP	VA0021172	VAN020028	500	2.50	30,456	0.19	5,787	1/1/2021	A	-
5	Rapidan Service Authority Wilderness WWTP	VA0083411	VAN020029	500	2.00	15,228	0.45	6,853	1/1/2021	A	-
6a	Haymount (Fredericksburg) ASLI V LLLP Haymount WWTF	VA0089125	VAN020030	500	0.58	7,066	1.00	7,066	(2)	A	-
6b	Haymount (Fredericksburg) ASLI V LLLP Haymount WWTF	VA0089125	VAN020030	500	0.96	7,066	1.00	7,066	(2)	A	-
7a	Stafford County Board of Supervisors Little Falls Run WWTF	VA0076392	VAN020031	500	8.00	97,458	1.00	97,458	1/1/2021	A	-
7b	Stafford County Board of Supervisors Little Falls Run WWTF	VA0076392	VAN020031	500	13.00	97,458	1.00	97,458	-	A	-
8	Westmoreland County Montross-Westmoreland WWTP	VA0072729	VAN020032	500	0.13	1,584	0.63	998	1/1/2021	A	-
9a	Town of Tappahannock (Essex Co.) Tappahannock WWTP	VA0071471	VAN020033	500	0.80	9,746	1.00	9,746	1/1/2021	A	-
9b	Town of Tappahannock (Essex Co.) Tappahannock WWTP	VA0071471	VAN020033	500	0.95	9,746	1.00	9,746	-	A	-

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)
10	Hampton Roads Sanitation District Urbanna WWTP	VA0026263	VAN020034	500	0.10	1,218	1.00	1,218	1/1/2021	A	-
11	American Water Operations & Maintenance Inc. Fort A.P Hill – Wilcox Camp WWTP	VA0032034	VAN020035	500	0.53	6,457	1.00	6,457	1/1/2021	A	-
12	Town of Warsaw (Richmond Co.) Warsaw WWTP	VA0026891	VAN020036	500	0.30	3,655	1.00	3,655	1/1/2021	A	-
13	Omega Protein Inc. (3)	VA0003867	VAN020037	500	3.21	21,113	1.00	21,113	1/1/2021	A	(4)
14	Town of Kilmarnock (Lancaster Co.) Kilmarnock WWTP	VA0020788	VAN020038	500	0.50	6,091	1.00	6,091	1/1/2021	A	-
15	Virginia Department of Corrections IEMU - Haynesville Correctional Center (Richmond Co.)	VA0023469	VAN020044	500	0.178	2,802	1.00	2,802	1/1/2021	A	-
16	Fauquier Co. Water & Sanitation Authority Aggregate Nutrient Discharge	-	VAN020053	500	-	-	-	13,419	1/1/2021	-	-
16a	Remington WWTP	VA0076805	-	501	2.00	24,364	0.49	11,938	-	A	-
16b	Marshall WWTP	VA0031763	-	502	0.64	7,797	0.19	1,481	-	A	-
17	Culpeper County Nutrient Aggregate	-	VAN020054	500	-	-	-	2,781	1/1/2021	-	(1)
17a	Clevengers Village WWTP	VA0080527	-	505	0.90	10,964	0.19	2,083	-	A	-
17b	Culpeper Co Industrial Airpark WWTP	VA0068586	-	506	0.10	1,424	0.49	698	-	B	-
18	Spotsylvania Co. Nutrient Aggregate	-	VAN020055	500	-	-	--	163,242	1/1/2022	A	(5)
18a	FMC WWTF	VA0068110	-	501	4.00	48,737	1.00	48,737	-	A	(5)
18b	Massaponax WWTF	VA0025658	-	502	9.40	114,505	1.00	114,505	-	A	(5)
18c	Massaponax WWTF	VA0025658	-	502	13.40	114,505	1.00	114,505	-	A	(5)
19	King George County Service Authority – Rappahannock River Aggregate	-	VAN020056	500	-	-	-	7,797	1/1/2021	A	-
19a	Oakland Park WWTP	VA0086789	-	501	0.14	1,706	1.00	1,706	-	A	-
19b	Hopyard Farms WWTF	VA0089338	-	502	0.50	6,091	1.00	6,091	-	A	-

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)
20a	City of Fredericksburg Fredericksburg WWTF	VA0025127	VAN020095	500	4.50	54,820	1.00	54,820	1/1/2021	A	-
20b	City of Fredericksburg Fredericksburg WWTF	VA0025127	VAN020095	500	6.00	54,820	1.00	54,820	1/1/2021	A	-
21	Northumberland County Reedville Sanitary District WWTP	VA0060712	VAN020101	500	0.20	2,436	1.00	2,436	1/1/2021	A	-
22	Town of Washington (Rappahannock Co) Rush River WWTP	VA0091651	VAN020108	500	0.06	1,462	0.22	322	1/1/2021	C	(6)
23	Aqua Virginia Inc. Presidential Lakes Section 14 STP	VA0086720	VAN020109	500	0.07	1,994	1.00	1,994	1/1/2021	B	-
24a	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.075	1,139	0.20	228	(2)	B	-
24b	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.15	1,139	0.20	228	(2)	B	-
24c	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.25	1,139	0.20	228	(2)	B	-
24d	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.45	1,139	0.20	228	(2)	B	-
25a	Four Winds Club Inc. Four Winds Campground STP	VA0060429	VAN020113	500	0.125	2,278	1.00	2,278	(2)	B	-
25b	Four Winds Club Inc. Four Winds Campground STP	VA0060429	VAN020113	500	0.210	2,278	1.00	2,278	(2)	B	-
26	The Tides Utilities LLC North WWTF	VA0029343	VAN020114	500	0.10	1,709	1.00	1,709	(2)	B	-
27	Enterprise Marine Group Inc. Regatta Point Yacht Club STP	VA0090921	VAN020157	500	0.03	0	1.00	0	(2)	C	-
28	Children's Bible Ministries of Virginia Inc. Camp Red Arrow WWTP	VA0092452	VAN020162	500	0.0055	204	0.49	100	1/1/2021	C	(4)

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)
29	Rapidan Mill LLC Rapidan Mill WWTP	VA0092339	VAN020166	500	0.02	0	0.81	0	(2)	C	-
30	Norview Marina	VA0087611	VAN020160	500	0.02	0	1.00	0	(2)	C	-
	Rappahannock River Basin 2022 TN Totals					601,453		465,396			

RAPPAHANNOCK 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)
1	Town of Culpeper (Culpeper Co.) Culpeper WPCF	VA0061590	VAN020024	500	6.00	5,483	0.75	4,112	1/1/2021	A	(1)
2	Town of Orange (Orange Co.) Orange WWTP	VA0021385	VAN020025	500	3.00	2,741	0.75	2,056	1/1/2021	A	-
3	Greene County Board of Supervisors Rapidan WWTP	VA0090948	VAN020026	500	0.60	548	0.75	411	1/1/2021	A	-
4	Town of Warrenton (Fauquier Co.) Warrenton WWTP	VA0021172	VAN020028	500	2.50	2,284	0.75	1,713	1/1/2021	A	-
5	Rapidan Service Authority Wilderness WWTP	VA0083411	VAN020029	500	2.00	1,142	0.75	857	1/1/2021	A	-
6a	Haymount (Fredericksburg) ASLI V LLLP Haymount WWTF	VA0089125	VAN020030	500	0.58	530	1.00	530	(2)	A	-
6b	Haymount (Fredericksburg) ASLI V LLLP Haymount WWTF	VA0089125	VAN020030	500	0.96	530	1.00	530	(2)	A	-
7a	Stafford County Board of Supervisors Little Falls Run WWTF	VA0076392	VAN020031	500	8.00	7,309	1.00	7,309	1/1/2021	A	-
7b	Stafford County Board of Supervisors Little Falls Run WWTF	VA0076392	VAN020031	500	13.00	7,309	1.00	7,309	-	A	-
8	Westmoreland County Montross-Westmoreland WWTP	VA0072729	VAN020032	500	0.13	119	0.88	105	1/1/2021	A	-
9a	Town of Tappahannock (Essex Co.) Tappahannock WWTP	VA0071471	VAN020033	500	0.80	731	1.00	731	1/1/2021	A	-
9b	Town of Tappahannock (Essex Co.) Tappahannock WWTP	VA0071471	VAN020033	500	0.95	731	1.00	731	-	A	-

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)
10	Hampton Roads Sanitation District Urbanna WWTP	VA0026263	VAN020034	500	0.10	91	1.00	91	1/1/2021	A	-
11	American Water Operations & Maintenance Inc. Fort A.P Hill – Wilcox Camp WWTP	VA0032034	VAN020035	500	0.53	484	1.00	484	1/1/2021	A	-
12	Town of Warsaw (Richmond Co.) Warsaw WWTP	VA0026891	VAN020036	500	0.30	274	1.00	274	1/1/2021	A	-
13	Omega Protein Inc. (3)	VA0003867	VAN020037	500	3.21	1,571	1.00	1,571	1/1/2021	A	(4)
14	Town of Kilmarnock (Lancaster Co.) Kilmarnock WWTP	VA0020788	VAN020038	500	0.50	457	1.00	457	1/1/2021	A	-
15	Virginia Department of Corrections IEMU - Haynesville Correctional Center	VA0023469	VAN020044	500	0.178	210	1.00	210	1/1/2021	A	-
16	Fauquier Co. Water & Sanitation Authority Aggregate Nutrient Discharge	-	VAN020053	500	-	-	-	1,809	1/1/2021	-	-
16a	Remington WWTP	VA0076805	-	501	2.00	1,827	0.75	1,370	-	A	-
16b	Marshall WWTP	VA0031763	-	502	0.64	585	0.75	439	-	A	-
17	Culpeper County Nutrient Aggregate	-	VAN020054	500	-	-	-	760	1/1/2021	-	(1)
17a	Clevengers Village WWTP	VA0080527	-	505	0.90	822	0.75	617	-	A	-
17b	Culpeper Co Industrial Airpark WWTP	VA0068586	-	506	0.10	190	0.75	143	-	B	-
18	Spotsylvania Co. Nutrient Aggregate	-	VAN020055	500	-	-	--	12,060	1/1/2023	A	(5)(6)
18a	FMC WWTF	VA0068110	-	501	4.00	3,655	1.00	3,655	-	A	(5)
18b	Massaponax WWTF	VA0025658	-	502	9.40	8,588	1.00	8,588	-	A	(5)
18c	Massaponax WWTF	VA0025658	-	502	13.40	8,588	1.00	8,588	-	A	(5)
19	King George County Service Authority – Rappahannock River Aggregate	-	VAN020056	500	-	-	-	585	1/1/2021	A	-
19a	Oakland Park WWTP	VA0086789	-	501	0.14	128	1.00	128	-	A	-
19b	Hopyard Farms WWTF	VA0089338	-	502	0.50	457	1.00	457	-	A	-

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)
20a	City of Fredericksburg Fredericksburg WWTF	VA0025127	VAN020095	500	4.50	4,112	1.00	4,112	1/1/2021	A	-
20b	City of Fredericksburg Fredericksburg WWTF	VA0025127	VAN020095	500	6.00	4,112	1.00	4,112	1/1/2021	A	-
21	Northumberland County Reedville Sanitary District WWTP	VA0060712	VAN020101	500	0.20	183	1.00	183	1/1/2021	A	-
22	Town of Washington (Rappahannock Co) Rush River WWTP	VA0091651	VAN020108	500	0.06	244	0.75	183	1/1/2022	C	(6)
23	Aqua Virginia Inc. Presidential Lakes Section 14 STP	VA0086720	VAN020109	500	0.07	267	1.00	267	1/1/2021	B	-
24a	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.075	152	0.75	114	(2)	B	-
24b	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.15	152	0.75	114	(2)	B	-
24c	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.25	152	0.75	114	(2)	B	-
24d	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.45	152	0.75	114	(2)	B	-
25a	Four Winds Club Inc. Four Winds Campground STP	VA0060429	VAN020113	500	0.125	305	1.00	305	(2)	B	-
25b	Four Winds Club Inc. Four Winds Campground STP	VA0060429	VAN020113	500	0.210	305	1.00	305	(2)	B	-
26	The Tides Utilities LLC North WWTF	VA0029343	VAN020114	500	0.10	228	1.00	228	(2)	B	-
27	Enterprise Marine Group Inc. Regatta Point Yacht Club STP	VA0090921	VAN020157	500	0.03	0	1.00	0	(2)	C	-
28	Children's Bible Ministries of Virginia Inc. Camp Red Arrow WWTP	VA0092452	VAN020162	500	0.0055	27	0.75	20	1/1/2021	C	(4)

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)
29	Rapidan Mill LLC Rapidan Mill WWTP	VA0092339	VAN020166	500	0.02	0	0.78	0	(2)	C	-
30	Norview Marina	VA0087611	VAN020160	500	0.02	0	1.00	0	(2)	C	-
	Rappahannock River Basin 2022 TP Totals					45,744		41,537			

RAPPAHANNOCK 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)
1	Town of Culpeper (Culpeper Co.) Culpeper Water Pollution Control Facility	VA0061590	VAN020024	500	6.00	73,093	0.63	46,049	1/1/2026	A	(1)
2	Town of Orange (Orange Co.) Orange WWTP	VA0021385	VAN020025	500	3.00	36,547	1.00	36,547	1/1/2026	A	-
3	Greene County Board of Supervisors Rapidan WWTP	VA0090948	VAN020026	500	0.60	7,309	1.00	7,309	1/1/2026	A	-
4	Town of Warrenton (Fauquier Co.) Warrenton WWTP	VA0021172	VAN020028	500	2.50	30,456	0.46	14,010	1/1/2026	A	-
5	Rapidan Service Authority Wilderness WWTP	VA0083411	VAN020029	500	2.00	15,228	0.73	11,116	1/1/2026	A	-
6a	Haymount (Fredericksburg) ASLI V LLLP Haymount WWTF	VA0089125	VAN020030	500	0.58	7,066	1.00	7,066	(2)	A	-
6b	Haymount (Fredericksburg) ASLI V LLLP Haymount WWTF	VA0089125	VAN020030	500	0.96	7,066	1.00	7,066	(2)	A	-
7a	Stafford County Board of Supervisors Little Falls Run WWTF	VA0076392	VAN020031	500	8.00	97,458	1.00	97,458	1/1/2026	A	-
7b	Stafford County Board of Supervisors Little Falls Run WWTF	VA0076392	VAN020031	500	13.00	97,458	1.00	97,458	-	A	-
8	Westmoreland County Montross-Westmoreland WWTP	VA0072729	VAN020032	500	0.13	1,584	1.00	1,584	1/1/2026	A	-
9a	Town of Tappahannock (Essex Co.) Tappahannock WWTP	VA0071471	VAN020033	500	0.80	9,746	1.00	9,746	1/1/2026	A	-
9b	Town of Tappahannock (Essex Co.) Tappahannock WWTP	VA0071471	VAN020033	500	0.95	9,746	1.00	9,746	-	A	-

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10	Hampton Roads Sanitation District Urbanna WWTP	VA0026263	VAN020034	500	0.10	1,218	1.00	1,218	1/1/2026	A	-
11	American Water Operations & Maintenance Inc. Fort A.P Hill – Wilcox Camp WWTP	VA0032034	VAN020035	500	0.53	6,457	1.00	6,457	1/1/2026	A	-
12	Town of Warsaw (Richmond Co.) Warsaw WWTP	VA0026891	VAN020036	500	0.30	3,655	1.00	3,655	1/1/2026	A	-
13	Omega Protein Inc. (3)	VA0003867	VAN020037	500	3.21	21,113	1.00	21,113	1/1/2026	A	(4)
14	Town of Kilmarnock (Lancaster Co.) Kilmarnock WWTP	VA0020788	VAN020038	500	0.50	6,091	1.00	6,091	1/1/2026	A	-
15	Virginia Department of Corrections IEMU - Haynesville Correctional Center	VA0023469	VAN020044	500	0.178	2,802	1.00	2,802	1/1/2026	A	-
16	Fauquier Co. Water & Sanitation Authority Aggregate Nutrient Discharge	-	VAN020053	500	-	-	-	24,647	1/1/2026	-	-
16a	Remington WWTP	VA0076805	-	501	2.00	24,364	0.89	21,684	-	A	-
16b	Marshall WWTP	VA0031763	-	502	0.64	7,797	0.38	2,963	-	A	-
17	Culpeper County Nutrient Aggregate	-	VAN020054	500	-	-	-	7,032	1/1/2026	-	(1)
17a	Clevengers Village WWTP	VA0080527	-	505	0.90	10,964	0.57	6,249	-	A	-
17b	Culpeper Co Industrial Airpark WWTP	VA0068586	-	506	0.10	1,424	0.55	783	-	B	-
18	Spotsylvania Co. Nutrient Aggregate	-	VAN020055	500	-	-	--	163,242	1/1/2026	A	(5)
18a	FMC WWTF	VA0068110	-	501	4.00	48,737	1.00	48,737	-	A	(5)
18b	Massaponax WWTF	VA0025658	-	502	9.40	114,505	1.00	114,505	-	A	(5)
18c	Massaponax WWTF	VA0025658	-	502	13.40	114,505	1.00	114,505	-	A	(5)
19	King George County Service Authority – Rappahannock River Aggregate	-	VAN020056	500	-	-	-	7,797	1/1/2026	A	-
19a	Oakland Park WWTP	VA0086789	-	501	0.14	1,706	1.00	1,706	-	A	-
19b	Hopyard Farms WWTF	VA0089338	-	502	0.50	6,091	1.00	6,091	-	A	-

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20a	City of Fredericksburg Fredericksburg WWTF	VA0025127	VAN020095	500	4.50	54,820	1.00	54,820	1/1/2026	A	-
20b	City of Fredericksburg Fredericksburg WWTF	VA0025127	VAN020095	500	6.00	54,820	1.00	54,820	1/1/2026	A	-
21	Northumberland County Reedville Sanitary District WWTP	VA0060712	VAN020101	500	0.20	2,436	1.00	2,436	1/1/2026	A	-
22	Town of Washington (Rappahannock Co) Rush River WWTP – Phase 1	VA0091651	VAN020108	500	0.06	1,462	0.50	731	1/1/2026	C	(6)
23	Aqua Virginia Inc. Presidential Lakes Section 14 STP	VA0086720	VAN020109	500	0.07	1,994	1.00	1,994	1/1/2026	B	-
24a	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.075	1,139	0.64	729	(2)	B	-
24b	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.15	1,139	0.64	729	(2)	B	-
24c	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.25	1,139	0.64	729	(2)	B	-
24d	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.45	1,139	0.64	729	(2)	B	-
25a	Four Winds Club Inc. Four Winds Campground STP	VA0060429	VAN020113	500	0.125	2,278	1.00	2,278	(2)	B	-
25b	Four Winds Club Inc. Four Winds Campground STP	VA0060429	VAN020113	500	0.210	2,278	1.00	2,278	(2)	B	-
26	The Tides Utilities LLC North WWTF	VA0029343	VAN020114	500	0.10	1,709	1.00	1,709	(2)	B	-
27	Enterprise Marine Group Inc. Regatta Point Yacht Club STP	VA0090921	VAN020157	500	0.03	0	1.00	0	(2)	C	-
28	Children's Bible Ministries of Virginia Inc. Camp Red Arrow WWTP	VA0092452	VAN020162	500	0.0055	132	0.76	100	1/1/2026	C	(4)

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)
29	Rapidan Mill LLC Rapidan Mill WWTP	VA0092339	VAN020166	500	0.02	0	0.81	0	(2)	C	-
30	Norview Marina	VA0087611	VAN020160	500	0.02	0	1.00	0	(2)	C	-
	Rappahannock River Basin 2026 TN Totals					601,381		539,736			

RAPPAHANNOCK 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)
1	Town of Culpeper (Culpeper Co.) Culpeper WPCF	VA0061590	VAN020024	500	6.00	5,483	1.00	5,483	1/1/2026	A	(1)
2	Town of Orange (Orange Co.) Orange WWTP	VA0021385	VAN020025	500	3.00	2,741	1.00	2,741	1/1/2026	A	-
3	Greene County Board of Supervisors Rapidan WWTP	VA0090948	VAN020026	500	0.60	548	1.00	548	1/1/2026	A	-
4	Town of Warrenton (Fauquier Co.) Warrenton WWTP	VA0021172	VAN020028	500	2.50	2,284	0.94	2,147	1/1/2026	A	-
5	Rapidan Service Authority Wilderness WWTP	VA0083411	VAN020029	500	2.00	1,142	0.96	1,096	1/1/2026	A	-
6a	Haymount (Fredericksburg) ASLI V LLLP Haymount WWTF	VA0089125	VAN020030	500	0.58	530	1.00	530	(2)	A	-
6b	Haymount (Fredericksburg) ASLI V LLLP Haymount WWTF	VA0089125	VAN020030	500	0.96	530	1.00	530	(2)	A	-
7a	Stafford County Board of Supervisors Little Falls Run WWTF	VA0076392	VAN020031	500	8.00	7,309	1.00	7,309	1/1/2026	A	-
7b	Stafford County Board of Supervisors Little Falls Run WWTF	VA0076392	VAN020031	500	13.00	7,309	1.00	7,309	-	A	-
8	Westmoreland County Montross-Westmoreland WWTP	VA0072729	VAN020032	500	0.13	119	1.00	119	1/1/2026	A	-
9a	Town of Tappahannock (Essex Co.) Tappahannock WWTP	VA0071471	VAN020033	500	0.80	731	1.00	731	1/1/2026	A	-
9b	Town of Tappahannock (Essex Co.) Tappahannock WWTP	VA0071471	VAN020033	500	0.95	731	1.00	731	-	A	-

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)
10	Hampton Roads Sanitation District Urbanna WWTP	VA0026263	VAN020034	500	0.10	91	1.00	91	1/1/2026	A	-
11	American Water Operations & Maintenance Inc. Fort A.P Hill – Wilcox Camp WWTP	VA0032034	VAN020035	500	0.53	484	1.00	484	1/1/2026	A	-
12	Town of Warsaw (Richmond Co.) Warsaw WWTP	VA0026891	VAN020036	500	0.30	274	1.00	274	1/1/2026	A	-
13	Omega Protein Inc. (3)	VA0003867	VAN020037	500	3.21	1,571	1.00	1,571	1/1/2026	A	(4)
14	Town of Kilmarnock (Lancaster Co.) Kilmarnock WWTP	VA0020788	VAN020038	500	0.50	457	1.00	457	1/1/2026	A	-
15	Virginia Department of Corrections IEMU - Haynesville Correctional Center	VA0023469	VAN020044	500	0.178	210	1.00	210	1/1/2026	A	-
16	Fauquier Co. Water & Sanitation Authority Aggregate Nutrient Discharge	-	VAN020053	500	-	-	-	2,267	1/1/2026	-	-
16a	Remington WWTP	VA0076805	-	501	2.00	1,827	0.94	1,717	-	A	-
16b	Marshall WWTP	VA0031763	-	502	0.64	585	0.94	550	-	A	-
17	Culpeper County Nutrient Aggregate	-	VAN020054	500	-	-	-	859	1/1/2026	-	(1)
17a	Clevengers Village WWTP	VA0080527	-	505	0.90	822	0.98	806	-	A	-
17b	Culpeper Co Industrial Airpark WWTP	VA0068586	-	506	0.10	190	0.28	53	-	B	-
18	Spotsylvania Co. Nutrient Aggregate	-	VAN020055	500	-	-	--	12,060	1/1/2026	A	(5)(6)
18a	FMC WWTF	VA0068110	-	501	4.00	3,655	1.00	3,655	-	A	(5)
18b	Massaponax WWTF	VA0025658	-	502	9.40	8,588	1.00	8,588	-	A	(5)
18c	Massaponax WWTF	VA0025658	-	502	13.40	8,588	1.00	8,588	-	A	(5)
19	King George County Service Authority – Rappahannock River Aggregate	-	VAN020056	500	-	-	-	585	1/1/2026	A	-
19a	Oakland Park WWTP	VA0086789	-	501	0.14	128	1.00	128	-	A	-
19b	Hopyard Farms WWTF	VA0089338	-	502	0.50	457	1.00	457	-	A	-

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)
20a	City of Fredericksburg Fredericksburg WWTF	VA0025127	VAN020095	500	4.50	4,112	1.00	4,112	1/1/2026	A	-
20b	City of Fredericksburg Fredericksburg WWTF	VA0025127	VAN020095	500	4.50	4,112	1.00	4,112	1/1/2026	A	-
21	Northumberland County Reedville Sanitary District WWTP	VA0060712	VAN020101	500	0.20	183	1.00	183	1/1/2026	A	-
22	Town of Washington (Rappahannock Co) Rush River WWTP	VA0091651	VAN020108	500	0.06	183	1.00	183	1/1/2026	C	(6)
23	Aqua Virginia Inc. Presidential Lakes Section 14 STP	VA0086720	VAN020109	500	0.07	267	1.00	267	1/1/2026	B	-
24a	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.075	152	1.00	152	(2)	B	-
24b	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.15	152	1.00	152	(2)	B	-
24c	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.25	152	1.00	152	(2)	B	-
24d	Boston Water & Sewer Company Boston Water & Sewer STP	VA0088749	VAN020111	500	0.45	152	1.00	152	(2)	B	-
25a	Four Winds Club Inc. Four Winds Campground STP	VA0060429	VAN020113	500	0.125	305	1.00	305	(2)	B	-
25b	Four Winds Club Inc. Four Winds Campground STP	VA0060429	VAN020113	500	0.210	305	1.00	305	(2)	B	-
26	The Tides Utilities LLC North WWTF	VA0029343	VAN020114	500	0.10	228	1.00	228	(2)	B	-
27	Enterprise Marine Group Inc. Regatta Point Yacht Club STP	VA0090921	VAN020157	500	0.03	0	1.00	0	(2)	C	-
28	Children's Bible Ministries of Virginia Inc. Camp Red Arrow WWTP	VA0092452	VAN020162	500	0.0055	20	1.00	20	1/1/2026	C	(4)

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)
29	Rapidan Mill LLC Rapidan Mill WWTP	VA0092339	VAN020166	500	0.02	0	1.00	0	(2)	C	-
30	Norview Marina	VA0087611	VAN020160	500	0.02	0	1.00	0	(2)	C	-
Rappahannock River Basin 2026 TP Totals						45,676		45,012			

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 25-720-70.C)

B = Permitted design capacity

C = New facility, loading limit of zero

- (1) Town of Culpeper WPCF Allocation consists of 54,820 lbs/yr TN and 4,112 lbs/yr TP plus the permanent transfer of 18,273 lbs/yr TN and 1,371 lbs/yr TP from the Culpeper County Mountain Run WWTP in accordance with the Culpeper Nutrient Allocation Consolidation Agreement dated August 17, 2010.
- (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) Omega Protein waste load allocations based on a theoretical maximum of 198 days per year of processing operations and discharge.
- (4) Camp Red Arrow WWTP (VAN020162) delivered allocations reflect a temporary transfer of 100 lbs/yr TN and 20 lbs/yr TP from Omega Protein Inc. (VAN020037) for a nine (9) year period in accordance with a Nutrient Offset Agreement effective May 1, 2017. The Omega Inc. 9VAC25-720-70.C delivered allocations of 21,213 lbs/yr TN and 1,591 lbs/yr TP are temporarily reduced by 100 lbs/yr TN and 20 lbs/yr TP to reflect the transfer agreement.
- (5) Spotsylvania County (VAN020055): Upon issuance of a Certificate-to-Operate for the expansion of the Massaponax WWTF (VA0025658) to a design flow of 13.4 MGD, the TN and TP wasteload allocations assigned to the FMC WWTF (VA0068110) are transferred to the Massaponax WWTF.
- (6) Rush River WWTP: Total Phosphorus allocations listed reflect a transfer of 183 lbs/yr from Spotsylvania County (VAN020055) to the Town of Washington's Rush River WWTP (VAN020108) for compliance years 2022 through 2026 per the Third Amendment to the Chesapeake Bay Nutrient Offset Agreement dated December 15, 2021. 183 lbs/yr will revert back to Spotsylvania County as of June 30, 2027. The Spotsylvania County aggregate allocations of 12,243 lbs/yr TP are temporarily reduced by 183 lbs/yr TP to reflect the transfer agreement. The Rush River WWTP offset plan for Total Nitrogen is achieved via septic systems taken offline.