

JAMES 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)
	Upper/Middle James (1)										
1a	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	2.25	41,115	0.55	22,613	1/1/2021	A	-
1b	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	3.00	41,115	0.55	22,613	(2)	A	-
1c	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	3.60	41,115	0.55	22,613	(2)	A	-
2	City of Covington Covington WWTP	VA0025542	VAN040065	500	3.00	54,820	0.21	11,512	1/1/2021	A	-
3	GP Big Island LLC (Bedford Co.)	VA0003026	VAN040066	500	10.87	122,489	0.60	73,493	1/1/2021	A	-
4	Aladdin Manufacturing Corporation Mohawk Industries Inc. (Rockbridge Co.)	VA0004677	VAN040067	500	2.00	30,456	0.58	17,644	1/1/2021	A	-
5a	Maury Service Authority Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	3.00	54,820	0.31	16,994	1/1/2021	A	-
5b	Maury Service Authority Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	6.00	54,820	0.31	16,994	(2)	A	-
6	Alleghany County Aggregate	-	VAN040069	500	-	-	-	15,296	1/1/2023		-
6a	Low Moor WWTP	VA0027979	-	501	0.50	9,137	0.27	2,467	-	A	-
6b	Lower Jackson River WWTP	VA0090671	-	502	2.60	47,516	0.27	12,829	-	A	-
6c	Lower Jackson River WWTP	VA0090671	-	502	3.50	47,516	0.27	12,829	-	A	-
7	WestRock Virginia LLC Covington Operations (City of Covington)	VA0003646	VAN040070	500	35.00	394,400	0.11	43,384	1/1/2021	A	-
8	Town of Amherst (Amherst Co) Amherst-Rutledge Creek WWTP	VA0031321	VAN040071	500	0.60	10,964	0.43	4,715	1/1/2021	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)
9	BWXT Nuclear Operations Group Inc. (Campbell Co.)	VA0003697	VAN040072	500	1.00	187,000	0.64	119,680	1/1/2021	A	-
10	Greif Packaging LLC (Amherst Co.)	VA0006408	VAN040073	500	6.50	73,246	0.64	46,877	1/1/2021	A	-
11	City of Lynchburg Lynchburg Regional WWTP (3)	VA0024970	VAN040075	500	22.00	536,019	0.64	343,052	1/1/2021	A	-
12	Rivanna Water & Sewer Authority Moore's Creek Advanced WRRF (Albemarle Co)	VA0025518	VAN040076	500	15.00	282,994	0.64	181,116	1/1/2021	A	-
13	Virginia Department of Corrections Powhatan Correctional Center (Powhatan Co.)	VA0020699	VAN040077	500	0.465	8,588	0.88	7,557	1/1/2021	A	-
14	The Sustainability Park LLC (Chesterfield Co.)	VA0002780	VAN040078	500	2.10	0	1.00	0	1/1/2023	C	
15	DuPont Specialty Products USA LLC Spruance Plant (Chesterfield Co.)	VA0004669	VAN040079	500	23.33	201,080	1.00	201,080	1/1/2021	A	-
16	Chesterfield County Aggregate	-	VAN040080	500	-	-	-	593,889	1/1/2021	-	-
16a	Falling Creek WWTP	VA0024996	-	501	12.00	182,738	1.00	182,738	-	A	-
16c	Proctors Creek WWTP	VA0060194	-	502	27.00	411,151	1.00	411,151	-	A	-
17	Henrico County Henrico Co Water Reclamation Facility	VA0063690	VAN040081	500	75.00	1,142,085	1.00	1,142,085	1/1/2021	A	-
18	AdvanSix Resins and Chemicals LLC (Chesterfield Co.)	VA0005291	VAN040082	500	121.00	1,090,798	1.00	1,090,798	1/1/2021	A	-
19	City of Hopewell Hopewell Water Renewal	VA0066630	VAN040083	500	50.00	1,827,336	1.00	1,827,336	1/1/2021	A	-
20	Philip Morris USA Inc (Chesterfield Co.) Park 500 Wastewater Plant	VA0026557	VAN040084	500	2.90	139,724	1.00	139,724	1/1/2021	A	-
21	City of Richmond Richmond WWTP (3)	VA0063177	VAN040085	500	45.00	1,093,652	1.00	1,093,652	1/1/2021	A	(4)

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)
22	South Central Wastewater Authority So. Central Wastewater Authority WWTF	VA0025437	VAN040087	500	23.00	350,239	1.00	350,239	1/1/2021	A	-
23	Tyson Foods Inc. Glen Allen	VA0004031	VAN040089	500	1.07	19,552	0.18	3,519	1/1/2021	A	-
24	Town of Farmville (Prince Edward Co) Farmville Advanced WWTP	VA0083135	VAN040097	500	2.40	43,856	0.29	12,718	1/1/2021	A	-
25	Town of Crewe (Nottoway Co) Crewe WWTP	VA0020303	VAN040100	500	0.50	9,137	0.25	2,284	1/1/2021	A	-
26	Aqua Virginia Inc. Wintergreen Stoney Creek STP (Nelson Co.)	VA0074047	VAN040103	500	0.12	3,417	0.72	2,460	(2)	B	-
27	Buckingham County Buckingham County / Dillwyn STP	VA0027294	VAN040104	500	0.20	5,695	0.65	3,702	(2)	B	-
28	Amelia County Aggregate	-	VAN040105	500	-	-	-	7,347	(2)	B	-
28a	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	0.999	0	0.55	0	-	C	-
28b	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	2.00	0	0.55	0	-	C	-
28c	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	3.00	0	0.55	0	-	C	-
28d	Amelia Courthouse Sanitary District - Nibbs Creek	VA0086681	-	502	0.30	17,085	0.43	7,347	-	B	-
29a	Fluvanna County Palmyra Area WWTP	VA0091146	VAN040106	500	0.10	0	0.79	0	(2)	C	-
29b	Fluvanna County Palmyra Area WWTP	VA0091146	VAN040106	500	0.15	0	0.79	0	(2)	C	-
30	Town of Craigsville Craigsville WWTP	VA0091821	VAN040118	500	0.435	4,020	0.20	804	1/1/2021	D	-
31	Fluvanna County Central WWTP	VA0030767	VAN040126	500	0.05	1,424	0.79	1,125	(2)	B	-

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)
32a	VA Properties LLC Deer Park STP (Fluvanna Co.)	VA0091341	VAN040132	500	0.045	0	0.79	0	(2)	C	-
32b	VA Properties LLC Deer Park STP (Fluvanna Co.)	VA0091341	VAN040132	500	0.09	0	0.79	0	(2)	C	-
33	Town of Fincastle (Botetourt Co) Fincastle WWTP	VA0060364	VAN040140	500	0.1875	7,119	0.37	2,634	(2)	B	-
34	Keswick Estate Utilities, Inc. Keswick STP (Albemarle Co.)	VA0085979	VAN040141	500	0.099	3,417	0.64	2,187	(2)	B	-
35a	Garrett Street LLC Eheart Subdivision STP (Orange Co.)	VA0080781	VAN040143	500	0.04	0	0.44	0	(2)	C	-
35b	Garrett Street LLC Eheart Subdivision STP (Orange Co.)	VA0080781	VAN040143	500	0.07	0	0.44	0	(2)	C	-
36	Goochland County Oilville WWTP	VA0092428	VAN040145	500	0.30	3,125	0.88	2,750	(2)	C	(4)
37	Aqua Virginia Inc. James Aggregate		VAN040178	500	-	-	-	12,574	1/1/2023		-
37a	Aqua Virginia Inc. Lake Monticello WWTP (Fluvanna Co.)	VA0024945	-	501	0.995	14,164	0.64	9,065	-	A	-
37b	Aqua Virginia Inc. Manakin Farms Lagoon (Goochland Co.)	VA0027910	-	502	0.10	3,987	0.88	3,509	-	B	-
	Upper/Middle James 2022 TN Subtotal					8,428,365		7,396,860			
	Lower James (1)										
38	Hampton Roads Sanitation District James River Aggregate (6)	-	VAN040090	500	-	-	-	3,550,470	1/1/2023	A,C	(7)(8) (9)(10)
38a	HRSD Boat Harbor STP (City of Newport News)	VA0081256	-	501	25.00	473,524	1.00	473,524	-	-	-
38b	HRSD James River STP (City of Newport News)	VA0081272	-	502	20.00	378,819	1.00	378,819	-	-	-
38c	HRSD Williamsburg STP (James City Co.)	VA0081302	-	503	22.50	426,171	1.00	426,171	-	-	-

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)
38d	HRSD Nansemond STP (City of Suffolk)	VA0081299	-	504	30.00	569,485	1.00	569,485	-	-	(12)
38e	HRSD Army Base STP (City of Norfolk)	VA0081230	-	505	18.00	340,937	1.00	340,937	-	-	-
38f	HRSD Virginia Initiative STP (City of Norfolk)	VA0081281	-	506	40.00	757,638	1.00	757,638	-	-	-
38g	HRSD Chesapeake-Elizabeth STP (City of Virginia Beach)	VA0081264	-	507	24.0	454,596	1.00	454,596	-	-	-
38h	HRSD Lawnes Point STP (Isle of Wight Co.)	VA0091952	-	508	0.05	0	1.00	0	-	-	-
39	Dragados USA Inc. (dba Chesapeake Tunnel Joint Venture) Chesapeake Bay Bridge Tunnel (CBBT) - Parallel Thimble Shoal Tunnel Project (City of Virginia Beach)	VA0093009	VAN040175	500	0.72	100	1.00	100	1/1/2021	C	(7)
40	Hampton Roads Connector Partners Hampton Roads Bridge Tunnel I-64 Expansion (City of Norfolk)	VA0093084	VAN040176	500	1.13	4,000	1.00	4,000	(2)	C	(10)
	Lower James 2022 TN Subtotal					3,554,570		3,554,570			
	James River Basin 2022 TN Totals					11,982,935		10,951,430			

JAMES 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)
	Upper/Middle James (1)										
1a	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	2.25	2,778	0.71	1,972	1/1/2021	A	-
1b	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	3.00	2,778	0.71	1,972	(2)	A	-
1c	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	3.60	2,778	0.71	1,972	(2)	A	-
2	City of Covington Covington WWTP	VA0025542	VAN040065	500	3.00	3,705	0.71	2,631	1/1/2021	A	-
3	GP Big Island LLC (Bedford Co.)	VA0003026	VAN040066	500	10.87	40,273	0.71	28,594	1/1/2021	A	-
4	Aladdin Manufacturing Corporation Mohawk Industries Inc. (Rockbridge Co.)	VA0004677	VAN040067	500	2.00	9,880	0.71	7,015	1/1/2021	A	-
5a	Maury Service Authority Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	3.00	3,705	0.71	2,631	1/1/2021	A	-
5b	Maury Service Authority Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	6.00	3,705	0.71	2,631	(2)	A	-
6	Alleghany County Aggregate	-	VAN040069	500	-	-	-	2,718	1/1/2023		-
6a	Low Moor WWTP	VA0027979	-	501	0.50	617	0.71	438	-	A	-
6b	Lower Jackson River WWTP	VA0090671	-	502	2.60	3,211	0.71	2,280	-	A	-
6c	Lower Jackson River WWTP	VA0090671	-	502	3.50	3,211	0.71	2,280	-	A	-
7	WestRock Virginia LLC Covington Operations (City of Covington)	VA0003646	VAN040070	500	35.00	96,771	0.71	68,707	1/1/2021	A	-
8	Town of Amherst (Amherst Co) Amherst-Rutledge Creek WWTP	VA0031321	VAN040071	500	0.60	741	0.71	526	1/1/2021	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)
9	BWXT Nuclear Operations Group Inc. (Campbell Co.)	VA0003697	VAN040072	500	1.00	1,235	0.71	877	1/1/2021	A	-
10	Greif Packaging LLC (Amherst Co.)	VA0006408	VAN040073	500	6.50	24,082	0.71	17,098	1/1/2021	A	-
11	City of Lynchburg Lynchburg Regional WWTP (3)	VA0024970	VAN040075	500	22.00	27,169	0.71	19,290	1/1/2021	A	-
12	Rivanna Water & Sewer Authority Moore's Creek Advanced WRRF (Albemarle Co.)	VA0025518	VAN040076	500	15.00	19,637	0.71	13,942	1/1/2023	A	-
13	Virginia Department of Corrections Powhatan Correctional Center (Powhatan Co.)	VA0020699	VAN040077	500	0.465	581	0.71	413	1/1/2021	A	-
14	The Sustainability Park LLC (Chesterfield Co.)	VA0002780	VAN040078	500	2.10	0	1.00	0	1/1/2023	C	
15	DuPont Specialty Products USA LLC Spruance Plant (Chesterfield Co.)	VA0004669	VAN040079	500	23.33	6,339	1.00	6,339	1/1/2021	A	-
16	Chesterfield County Aggregate	-	VAN040080	500	-	-	-	45,817	1/1/2021	-	-
16a	Falling Creek WWTP	VA0024996	-	501	10.10	12,473	1.00	12,473	-	A	-
16b	Proctors Creek WWTP	VA0060194	-	502	27.00	33,344	1.00	33,344	-	A	-
17	Henrico County Henrico Co Water Reclamation Facility	VA0063690	VAN040081	500	75.00	92,623	1.00	92,623	1/1/2021	A	-
18	AdvanSix Resins and Chemicals LLC (Chesterfield Co.)	VA0005291	VAN040082	500	121.00	40,541	1.00	40,541	1/1/2023	A	-
19	City of Hopewell Hopewell Water Renewal	VA0066630	VAN040083	500	50.00	61,749	1.00	61,749	1/1/2021	A	-
20	Philip Morris USA Inc. (Chesterfield Co.) Park 500 Wastewater Plant	VA0026557	VAN040084	500	2.90	2,149	1.00	2,149	1/1/2021	A	-
21	City of Richmond Richmond WWTP (3)	VA0063177	VAN040085	500	45.00	55,299	1.00	55,299	1/1/2021	A	(4)

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22	South Central Wastewater Authority So. Central Wastewater Authority WWTF	VA0025437	VAN040087	500	23.00	28,404	1.00	28,404	1/1/2021	A	-
23	Tyson Foods Inc. Glen Allen	VA0004031	VAN040089	500	1.07	424	0.36	153	1/1/2023	A	-
24	Town of Farmville (Prince Edward Co) Farmville Advanced WWTP	VA0083135	VAN040097	500	2.40	2,964	0.53	1,571	1/1/2021	A	-
25	Town of Crewe (Nottoway Co) Crewe WWTP	VA0020303	VAN040100	500	0.50	617	0.53	327	1/1/2021	A	-
26	Aqua Virginia Inc. Wintergreen Stoney Creek STP (Nelson Co.)	VA0074047	VAN040103	500	0.12	457	0.71	324	(2)	B	-
27	Buckingham County Buckingham County / Dillwyn STP	VA0027294	VAN040104	500	0.20	761	0.71	540	(2)	B	-
28	Amelia County Aggregate	-	VAN040105	500	-	-	-	1,211	(2)	B	-
28a	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	0.999	0	0.53	0	-	C	-
28b	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	2.00	0	0.53	0	-	C	-
28c	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	3.00	0	0.53	0	-	C	-
28d	Amelia Courthouse Sanitary District - Nibbs Creek	VA0086681	-	502	0.30	2,284	0.53	1,211	-	B	-
29a	Fluvanna County Palmyra Area WWTP	VA0091146	VAN040106	500	0.10	0	0.71	0	(2)	C	-
29b	Fluvanna County Palmyra Area WWTP	VA0091146	VAN040106	500	0.15	0	0.71	0	(2)	C	-
30	Town of Craigsville Craigsville WWTP	VA0091821	VAN040118	500	0.435	402	0.71	285	1/1/2021	D	-
31	Fluvanna County Central WWTP	VA0030767	VAN040126	500	0.05	190	0.71	135	(2)	B	-

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32a	VA Properties LLC Deer Park STP (Fluvanna Co.)	VA0091341	VAN040132	500	0.045	0	0.71	0	(2)	C	-
32b	VA Properties LLC Deer Park STP (Fluvanna Co.)	VA0091341	VAN040132	500	0.09	0	0.71	0	(2)	C	-
33	Town of Fincastle (Botetourt Co) Fincastle WWTP	VA0060364	VAN040140	500	0.1875	952	0.71	676	(2)	B	-
34	Keswick Estate Utilities, Inc. Keswick STP (Albemarle Co.)	VA0085979	VAN040141	500	0.099	457	0.71	324	(2)	B	-
35a	Garrett Street LLC Eheart Subdivision STP (Orange Co.)	VA0080781	VAN040143	500	0.04	0	0.71	0	(2)	C	-
35b	Garrett Street LLC Eheart Subdivision STP (Orange Co.)	VA0080781	VAN040143	500	0.07	0	0.71	0	(2)	C	-
36	Goochland County Oilville WWTP	VA0092428	VAN040145	500	0.30	387	0.71	275	(2)	C	(7)
37	Aqua Virginia Inc. James Aggregate	-	VAN040178	500	-	-	-	1,058	1/1/2023		-
37a	Aqua Virginia Inc. Lake Monticello WWTP (Fluvanna Co.)	VA0024945	-	501	0.995	957	0.71	679	-	A	-
37b	Aqua Virginia Inc. Manakin Farms Lagoon (Goochland Co.)	VA0027910	-	502	0.10	533	0.71	378	-	B	-
	Upper/Middle James 2022 TP Subtotal					578,691		506,214			
	Lower James (1)										
38	Hampton Roads Sanitation District James River Aggregate (6)		VAN040090	500	-	-	-	315,969	1/1/2023	A, C	(7)(8) (9)(10)(11)
38a	Boat Harbor STP (City of Newport News)	VA0081256	-	501	25.00	43,175	1.00	43,175	-	-	-
38b	James River STP (City of Newport News)	VA0081272	-	502	20.00	34,540	1.00	34,540	-	-	-
38c	Williamsburg STP (James City Co.)	VA0081302	-	503	22.50	38,858	1.00	38,858	-	-	-
38d	Nansemond STP (City of Suffolk)	VA0081299	-	504	30.00	51,915	1.00	51,915	-	-	(12)

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38e	Army Base STP (City of Norfolk)	VA0081230	-	505	18.00	31,086	1.00	31,086	-	-	-
38f	Virginia Initiative STP (City of Norfolk)	VA0081281	-	506	40.00	69,081	1.00	69,081	-	-	-
38g	Chesapeake-Elizabeth STP (City of Virginia Beach)	VA0081264	-	507	24.00	41,448	1.00	41,448	-	-	-
38h	Lawnes Point STP (Isle of Wight Co.)	VA0091952	-	508	0.05	0	1.00	0	-	-	-
39	City of Suffolk G. Robert House, Jr. WTP	VA0076473	VAN040127	500	0.35	12,739	1.00	12,739	1/1/2021	B	(11)
40	Dragados USA Inc. (dba Chesapeake Tunnel Joint Venture) Chesapeake Bay Bridge Tunnel (CBBT) – Parallel Thimble Shoal Tunnel Project (City of Virginia Beach)	VA0093009	VAN040175	500	0.72	550	1.00	550	1/1/2021	C	(7)
41	Hampton Roads Connector Partners Hampton Roads Bridge Tunnel I-64 Expansion (City of Norfolk)	VA0093084	VAN040176	500	1.13	2,000	1.00	2,000	(2)	C	(10)
	Lower James 2022 TP Subtotal					331,258		331,258			
	James River Basin 2022 TP Totals					909,949		837,472			

JAMES 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)
	Upper/Middle James (1)										
1a	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	2.25	41,115	0.72	29,603	1/1/2026	A	-
1b	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	3.00	41,115	0.72	29,603	(2)	A	-
1c	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	3.60	41,115	0.72	29,603	(2)	A	-
2	City of Covington Covington WWTP	VA0025542	VAN040065	500	3.00	54,820	0.64	35,085	1/1/2026	A	-
3	GP Big Island LLC (Bedford Co.)	VA0003026	VAN040066	500	10.87	122,489	0.65	79,618	1/1/2026	A	-
4	Aladdin Manufacturing Corporation Mohawk Industries Inc. (Rockbridge Co.)	VA0004677	VAN040067	500	2.00	30,456	0.72	21,928	1/1/2026	A	-
5a	Maury Service Authority Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	3.00	54,820	0.57	31,247	1/1/2026	A	-
5b	Maury Service Authority Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	6.00	54,820	0.57	31,247	(2)	A	-
6	Alleghany County Aggregate	-	VAN040069	500	-	-	-	30,593	1/1/2026		-
6a	Low Moor WWTP	VA0027979	-	501	0.50	9,137	0.54	4,934	-	A	-
6b	Lower Jackson River WWTP	VA0090671	-	502	2.60	47,516	0.54	25,659	-	A	-
6c	Lower Jackson River WWTP	VA0090671	-	502	3.50	47,516	0.54	25,659	-	A	-
7	WestRock Virginia LLC Covington Operations (City of Covington)	VA0003646	VAN040070	500	35.00	394,400	0.54	212,976	1/1/2026	A	-
8	Town of Amherst (Amherst Co) Amherst-Rutledge Creek WWTP	VA0031321	VAN040071	500	0.60	10,964	0.40	4,386	1/1/2026	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)
9	BWXT Nuclear Operations Group Inc. (Campbell Co.)	VA0003697	VAN040072	500	1.00	187,000	0.80	149,600	1/1/2026	A	-
10	Greif Packaging LLC (Amherst Co.)	VA0006408	VAN040073	500	6.50	73,246	0.72	52,737	1/1/2026	A	-
11	City of Lynchburg Lynchburg Regional WWTP (3)	VA0024970	VAN040075	500	22.00	536,019	0.82	439,536	1/1/2026	A	-
12	Rivanna Water & Sewer Authority Moore's Creek Advanced WRRF (Albemarle Co)	VA0025518	VAN040076	500	15.00	282,994	0.77	217,905	1/1/2026	A	-
13	Virginia Department of Corrections Powhatan Correctional Center (Powhatan Co.)	VA0020699	VAN040077	500	0.465	8,588	0.78	6,699	1/1/2026	A	-
14	The Sustainability Park LLC (Chesterfield Co.)	VA0002780	VAN040078	500	2.10	0	1.00	0	1/1/2026	C	-
15	DuPont Specialty Products USA LLC Spruance Plant (Chesterfield Co.)	VA0004669	VAN040079	500	23.33	201,080	1.00	201,080	1/1/2026	A	-
16	Chesterfield County Aggregate	-	VAN040080	500	-	-	-	593,889	1/1/2026	-	-
16a	Falling Creek WWTP	VA0024996	-	501	12.00	182,738	1.00	182,738	-	A	-
16c	Proctors Creek WWTP	VA0060194	-	502	27.00	411,151	1.00	411,151	-	A	-
17	Henrico County Henrico Co Water Reclamation Facility	VA0063690	VAN040081	500	75.00	1,142,085	1.00	1,142,085	1/1/2026	A	-
18	AdvanSix Resins and Chemicals LLC (Chesterfield Co.)	VA0005291	VAN040082	500	121.00	1,090,798	1.00	1,090,798	1/1/2026	A	-
19	City of Hopewell Hopewell Water Renewal	VA0066630	VAN040083	500	50.00	1,827,336	1.00	1,827,336	1/1/2026	A	-
20	Philip Morris USA Inc (Chesterfield Co.) Park 500 Wastewater Plant	VA0026557	VAN040084	500	2.90	139,724	1.00	139,724	1/1/2026	A	-
21	City of Richmond Richmond WWTP (3)	VA0063177	VAN040085	500	45.00	1,093,652	1.00	1,093,652	1/1/2026	A	(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)
22	South Central Wastewater Authority So. Central Wastewater Authority WWTF	VA0025437	VAN040087	500	23.00	350,239	1.00	350,239	1/1/2026	A	-
23	Tyson Foods Inc. Glen Allen	VA0004031	VAN040089	500	1.07	19,552	0.09	1,760	1/1/2026	A	-
24	Town of Farmville (Prince Edward Co) Farmville Advanced WWTP	VA0083135	VAN040097	500	2.40	43,856	0.31	13,595	1/1/2026	A	-
25	Town of Crewe (Nottoway Co) Crewe WWTP	VA0020303	VAN040100	500	0.50	9,137	0.34	3,107	1/1/2026	A	-
26	Aqua Virginia Inc. Wintergreen Stoney Creek STP (Nelson Co.)	VA0074047	VAN040103	500	0.12	3,417	0.61	2,084	(2)	B	-
27	Buckingham County Buckingham County / Dillwyn STP	VA0027294	VAN040104	500	0.20	5,695	0.47	2,677	(2)	B	-
28	Amelia County Aggregate	-	VAN040105	500	-	-		8,884	(2)	B	-
28a	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	0.999	0	0.52	0	-	C	-
28b	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	2.00	0	0.52	0	-	C	-
28c	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	3.00	0	0.52	0	-	C	-
28d	Amelia Courthouse Sanitary District - Nibbs Creek	VA0086681	-	502	0.30	17,085	0.52	8,884	-	B	-
29a	Fluvanna County Palmyra Area WWTP	VA0091146	VAN040106	500	0.10	0	0.72	0	(2)	C	-
29b	Fluvanna County Palmyra Area WWTP	VA0091146	VAN040106	500	0.15	0	0.72	0	(2)	C	-
30	Town of Craigsville Craigsville WWTP	VA0091821	VAN040118	500	0.435	4,020	0.31	1,246	1/1/2026	D	-
31	Fluvanna County Central WWTP	VA0030767	VAN040126	500	0.05	1,424	0.70	997	(2)	B	-

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)
32a	VA Properties LLC Deer Park STP (Fluvanna Co.)	VA0091341	VAN040132	500	0.045	0	0.53	0	(2)	C	-
32b	VA Properties LLC Deer Park STP (Fluvanna Co.)	VA0091341	VAN040132	500	0.09	0	0.53	0	(2)	C	-
33	Town of Fincastle (Botetourt Co) Fincastle WWTP	VA0060364	VAN040140	500	0.1875	7,119	0.50	3,560	(2)	B	-
34	Keswick Estate Utilities, Inc. Keswick STP (Albemarle Co.)	VA0085979	VAN040141	500	0.099	3,417	0.72	2,460	(2)	B	-
35a	Garrett Street LLC Eheart Subdivision STP (Orange Co.)	VA0080781	VAN040143	500	0.04	0	0.48	0	(2)	C	-
35b	Garrett Street LLC Eheart Subdivision STP (Orange Co.)	VA0080781	VAN040143	500	0.07	0	0.48	0	(2)	C	-
36	Goochland County Oilville WWTP	VA0092428	VAN040145	500	0.30	4,365	0.63	2,750	(2)	C	(4)
37	Aqua Virginia Inc. James Aggregate	-	VAN040178	500	-	-	-	13,091	1/1/2026	-	-
37a	Aqua Virginia Inc. Lake Monticello WWTP (Fluvanna Co.)	VA0024945	-	501	0.995	14,164	0.73	10,340	-	A	-
37b	Aqua Virginia Inc. Manakin Farms Lagoon (Goochland Co.)	VA0027910	-	502	0.10	3,987	0.69	2,751	-	B	-
	Upper/Middle James 2026 TN Subtotal					8,429,605		7,806,927			
	Lower James (1)										
38	Hampton Roads Sanitation District James River Aggregate (6)	-	VAN040090	500	-	-	-	2,049,123	1/1/2026	A, C, E	(7)(8) (9)
38a	HRSD Boat Harbor STP (City of Newport News)	VA0081256	-	501	25.00	304,593	1.00	304,593	-	E	-
38b	HRSD James River STP (City of Newport News)	VA0081272	-	502	20.00	243,674	1.00	243,674	-	E	-
38c	HRSD Williamsburg STP (James City Co.)	VA0081302	-	503	22.50	274,133	1.00	274,133	-	E	-
38d	HRSD Nansemond STP (City of Suffolk)	VA0081299	-	504	30.00	366,768	1.00	366,768	-	E	(12)

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)
38e	HRSD Army Base STP (City of Norfolk)	VA0081230	-	505	18.00	219,307	1.00	219,307	-	E	-
38f	HRSD Virginia Initiative STP (City of Norfolk)	VA0081281	-	506	40.00	487,348	1.00	487,348	-	E	-
38g	HRSD Lawnes Point STP (Isle of Wight Co.)	VA0091952	-	508	0.05	0	1.00	0	-	-	-
39	Dragados USA Inc. (dba Chesapeake Tunnel Joint Venture) Chesapeake Bay Bridge Tunnel (CBBT) - Parallel Thimble Shoal Tunnel Project (City of Virginia Beach)	VA0093009	VAN040175	500	0.72	100	1.00	100	1/1/2026	C	(7)
40	Hampton Roads Connector Partners Hampton Roads Bridge Tunnel I-64 Expansion (City of Norfolk)	VA0093084	VAN040176	500	1.13	0	1.00	0	(2)	C	-
	Lower James 2026 TN Subtotal					2,049,223		2,049,223			
	James River Basin 2026 TN Totals					10,478,828		9,856,150			

JAMES 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)
	Upper/Middle James (1)										
1a	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	2.25	2,778	0.85	2,361	1/1/2026	A	-
1b	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	3.00	2,778	0.85	2,361	(2)	A	-
1c	Buena Vista Public Service Authority Buena Vista STP (City of Buena Vista)	VA0020991	VAN040063	500	3.60	2,778	0.85	2,361	(2)	A	-
2	City of Covington Covington WWTP	VA0025542	VAN040065	500	3.00	3,705	0.89	3,297	1/1/2026	A	-
3	GP Big Island LLC (Bedford Co.)	VA0003026	VAN040066	500	10.87	40,273	0.78	31,413	1/1/2026	A	-
4	Aladdin Manufacturing Corporation Mohawk Industries Inc. (Rockbridge Co.)	VA0004677	VAN040067	500	2.00	9,880	0.86	8,497	1/1/2026	A	-
5a	Maury Service Authority Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	3.00	3,705	0.83	3,075	1/1/2026	A	-
5b	Maury Service Authority Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	6.00	3,705	0.83	3,075	(2)	A	-
6	Alleghany County Aggregate	-	VAN040069	500	-	-	-	2,335	1/1/2026		-
6a	Low Moor WWTP	VA0027979	-	501	0.50	617	0.61	376	-	A	-
6b	Lower Jackson River WWTP	VA0090671	-	502	2.60	3,211	0.61	1,959	-	A	-
6c	Lower Jackson River WWTP	VA0090671	-	502	3.50	3,211	0.61	1,959	-	A	-
7	WestRock Virginia LLC Covington Operations (City of Covington)	VA0003646	VAN040070	500	35.00	96,771	0.88	85,158	1/1/2026	A	-
8	Town of Amherst (Amherst Co) Amherst-Rutledge Creek WWTP	VA0031321	VAN040071	500	0.60	741	0.55	408	1/1/2026	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)
9	BWXT Nuclear Operations Group Inc. (Campbell Co.)	VA0003697	VAN040072	500	1.00	1,235	0.55	679	1/1/2026	A	-
10	Greif Packaging LLC (Amherst Co.)	VA0006408	VAN040073	500	6.50	24,082	0.69	16,617	1/1/2026	A	-
11	City of Lynchburg Lynchburg Regional WWTP (3)	VA0024970	VAN040075	500	22.00	27,169	0.84	22,822	1/1/2026	A	-
12	Rivanna Water & Sewer Authority Moore's Creek Advanced WRRF (Albemarle Co.)	VA0025518	VAN040076	500	15.00	19,637	0.76	14,924	1/1/2026	A	-
13	Virginia Department of Corrections Powhatan Correctional Center (Powhatan Co.)	VA0020699	VAN040077	500	0.465	581	0.58	337	1/1/2026	A	-
14	The Sustainability Park LLC (Chesterfield Co.)	VA0002780	VAN040078	500	2.10	0	1.00	0	1/1/2026	C	-
15	DuPont Specialty Products USA LLC Spruance Plant (Chesterfield Co.)	VA0004669	VAN040079	500	23.33	6,339	1.00	6,339	1/1/2026	A	-
16	Chesterfield County Aggregate	-	VAN040080	500	-	-	-	22,601	1/1/2026	-	-
16a	Falling Creek WWTP	VA0024996	-	501	10.10	6,153	1.00	6,153	-	A	-
16b	Proctors Creek WWTP	VA0060194	-	502	27.00	16,448	1.00	16,448	-	A	-
17	Henrico County Henrico Co Water Reclamation Facility	VA0063690	VAN040081	500	75.00	45,689	1.00	45,689	1/1/2026	A	-
18	AdvanSix Resins and Chemicals LLC (Chesterfield Co.)	VA0005291	VAN040082	500	121.00	40,541	1.00	40,541	1/1/2026	A	-
19	City of Hopewell Hopewell Water Renewal	VA0066630	VAN040083	500	50.00	30,459	1.00	30,459	1/1/2026	A	-
20	Philip Morris USA Inc. (Chesterfield Co.) Park 500 Wastewater Plant	VA0026557	VAN040084	500	2.90	1,060	1.00	1,060	1/1/2026	A	-
21	City of Richmond Richmond WWTP (3)	VA0063177	VAN040085	500	45.00	27,413	1.00	27,138	1/1/2026	A	(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)
22	South Central Wastewater Authority So. Central Wastewater Authority WWTF	VA0025437	VAN040087	500	23.00	14,011	1.00	14,011	1/1/2026	A	-
23	Tyson Foods Inc. Glen Allen	VA0004031	VAN040089	500	1.07	424	0.04	17	1/1/2026	A	-
24	Town of Farmville (Prince Edward Co) Farmville Advanced WWTP	VA0083135	VAN040097	500	2.40	2,964	0.31	919	1/1/2026	A	-
25	Town of Crewe (Nottoway Co) Crewe WWTP	VA0020303	VAN040100	500	0.50	617	0.32	197	1/1/2026	A	-
26	Aqua Virginia Inc. Wintergreen Stoney Creek STP (Nelson Co.)	VA0074047	VAN040103	500	0.12	457	0.48	219	(2)	B	-
27	Buckingham County Buckingham County / Dillwyn STP	VA0027294	VAN040104	500	0.20	761	0.46	350	(2)	B	-
28	Amelia County Aggregate	-	VAN040105	500	-	-	-	754	(2)	B	-
28a	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	0.999	0	0.34	0	-	C	-
28b	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	2.00	0	0.34	0	-	C	-
28c	Amelia Courthouse Sanitary District - Smacks Creek	VA0091707	-	501	3.00	0	0.34	0	-	C	-
28d	Amelia Courthouse Sanitary District - Nibbs Creek	VA0086681	-	502	0.30	2,284	0.33	754	-	B	-
29a	Fluvanna County Palmyra Area WWTP	VA0091146	VAN040106	500	0.10	0	0.50	0	(2)	C	-
29b	Fluvanna County Palmyra Area WWTP	VA0091146	VAN040106	500	0.15	0	0.50	0	(2)	C	-
30	Town of Craigsville Craigsville WWTP	VA0091821	VAN040118	500	0.435	402	0.35	141	1/1/2026	D	-
31	Fluvanna County Central WWTP	VA0030767	VAN040126	500	0.05	190	0.50	95	(2)	B	-

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)
32a	VA Properties LLC Deer Park STP (Fluvanna Co.)	VA0091341	VAN040132	500	0.045	0	0.50	0	(2)	C	-
32b	VA Properties LLC Deer Park STP (Fluvanna Co.)	VA0091341	VAN040132	500	0.09	0	0.50	0	(2)	C	-
33	Town of Fincastle (Botetourt Co) Fincastle WWTP	VA0060364	VAN040140	500	0.1875	952	0.58	552	(2)	B	-
34	Keswick Estate Utilities, Inc. Keswick STP (Albemarle Co.)	VA0085979	VAN040141	500	0.099	457	0.76	347	(2)	B	-
35a	Garrett Street LLC Eheart Subdivision STP (Orange Co.)	VA0080781	VAN040143	500	0.04	0	0.66	0	(2)	C	-
35b	Garrett Street LLC Eheart Subdivision STP (Orange Co.)	VA0080781	VAN040143	500	0.07	0	0.66	0	(2)	C	-
36	Goochland County Oilville WWTP	VA0092428	VAN040145	500	0.30	491	0.56	275	(2)	C	(4)
37	Aqua Virginia Inc. James Aggregate	-	VAN040178	500	-	-	-	854	1/1/2026	-	-
37a	Aqua Virginia Inc. Lake Monticello WWTP (Fluvanna Co.)	VA0024945	-	501	0.995	957	0.58	555	-	A	-
37b	Aqua Virginia Inc. Manakin Farms Lagoon (Goochland Co.)	VA0027910	-	502	0.10	533	0.56	298	-	B	-
	Upper/Middle James 2026 TP Subtotal					433,987		384,756			
	Lower James (1)										
38	Hampton Roads Sanitation District James River Aggregate (6)		VAN040090	500	-	-	-	244,791	1/1/2026	A, C, E	(7)(8)(9) (10)(11)
38a	Boat Harbor STP (City of Newport News)	VA0081256	-	501	25.00	38,074	1.00	38,074	-	E	-
38b	James River STP (City of Newport News)	VA0081272	-	502	20.00	30,459	1.00	30,459	-	E	-
38c	Williamsburg STP (James City Co.)	VA0081302	-	503	22.50	34,267	1.00	34,267	-	E	-
38d	Nansemond STP (City of Suffolk)	VA0081299	-	504	30.00	45,793	1.00	45,792	-	E	(12)

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)
38e	Army Base STP (City of Norfolk)	VA0081230	-	505	18.00	27,413	1.00	27,413	-	E	-
38f	Virginia Initiative STP (City of Norfolk)	VA0081281	-	506	40.00	60,919	1.00	60,919	-	E	-
38g	Lawnes Point STP (Isle of Wight Co.)	VA0091952	-	508	0.05	0	1.00	0	-	-	-
39	City of Suffolk G. Robert House, Jr. WTP	VA0076473	VAN040127	500	0.35	12,739	1.00	12,739	1/1/2026	B	(11)
40	Dragados USA Inc. (dba Chesapeake Tunnel Joint Venture) Chesapeake Bay Bridge Tunnel (CBBT) – Parallel Thimble Shoal Tunnel Project (City of Virginia Beach)	VA0093009	VAN040175	500	0.72	550	1.00	550	1/1/2026	C	(7)
41	Hampton Roads Connector Partners Hampton Roads Bridge Tunnel I-64 Expansion (City of Norfolk)	VA0093084	VAN040176	500	1.13	0	1.00	0	(2)	C	-
	Lower James 2026 TP Subtotal					258,080		258,080			
	James River Basin 2026 TP Totals					692,067		642,836			

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

A = WQMP regulation (9 VAC 25-720)

B = Permitted design capacity.

C = New facility, loading limit of zero.

D = Title 62.1-44.19:15.B.1.d and B.4 of the Code of Virginia

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

- (1) James River Trading Restriction: In order to protect upstream water quality, facilities in the upper and middle James River shall not obtain wasteload allocations or compliance credits from lower James River facilities. This restriction shall not restrict lower James River facilities from obtaining wasteload allocations or compliance credits from upstream facilities.
- (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) Wasteload allocations for localities served by combined sewers are based on dry weather design flow capacity. Reported discharge loads for the Lynchburg STP shall include the loads associated with the first 22 MGD of flow on each day. Reported discharge loads for the Richmond WWTP shall include the loads associated with the first 45 MGD of flow on each day.
- (4) Oilville WWTP (VAN040145) Total Nitrogen wasteload allocation of 2,750 lbs/year (delivered) and Total Phosphorus wasteload allocation of 275 lbs/year (delivered) for calendar years 2013 through 2022 provided by the City of Richmond (VAN040085) under the Nutrient Allocation Addendum to the Wastewater Agreement between The County of Goochland, Virginia and The City of Richmond, Virginia dated August 4, 2009. The agreement is for an initial term of ten (10) years, from January 1, 2011, and extends for the term of any future VAN General Permit reissuance if sought by Goochland County and as long as VAN040085 remains in effect with a discharged total nitrogen wasteload allocation of 1,096,402 lbs/yr and a discharged total phosphorus wasteload allocation of 68,525 lbs/yr. Upon termination of the wastewater agreement, these allocations revert back to the City of Richmond.
- (5) Wasteload allocations are “net” loads, based on the portion of the nutrient discharge introduced by the facility’s process waste streams, and not originating in raw water intake.
- (6) The Hampton Roads Sanitation District’s James River Aggregate TN WLA is binding upon HRSD’s regional system as a whole; it is neither derived nor limiting upon individual facilities (or their associated design flows and specific removal efficiencies) comprising the regional system.
- (7) CBBT-Parallel Thimble Shoal Tunnel Project Total Nitrogen wasteload allocation of 100 lbs/year (delivered) and Total Phosphorus wasteload allocation of 550 lbs/year (delivered) for calendar years 2022 through 2026 provided by Hampton Roads Sanitation District in an amended Nutrient Offset Agreement dated September 28, 2021. Upon termination of the wastewater agreement, these allocations revert back to Hampton Roads Sanitation District.
- (8) Beginning 2020, the Hampton Roads Sanitation District permanently retired 100 lbs/yr TN and 10 lbs/yr TP (at a ratio of 10 lbs/yr TN for every pound of TP) to offset new land disturbance activities by a publicly-owned treatment works as an alternative to acquiring perpetual nutrient credits, in accordance with Code of Virginia §62.1-44.19:21.2.C.
- (9) Hampton Roads Sanitation District permanently acquired an additional wasteload allocation of 153,500 lbs/yr of Total Nitrogen and 21,500 lbs/yr of Total Phosphorus from J.H. Miles & Co. under a Wastewater Treatment and Nutrient Allocation Consolidation Agreement dated December 21, 2015. The allocation was subsequently subject to a 9VAC 25-820-80 Phase 2 Total Phosphorus reduction to 17,437 lbs/yr effective January 1, 2017, then codified into statute at Title 62.1-44.19:14.G of the Code of Virginia (2021 Acts of Assembly, Chapter 363).
- (10) Hampton Roads Connector Partners, Hampton Roads Bridge Tunnel I-64 Expansion (VAN040176) delivered allocations reflect a temporary transfer of 4,000 lbs/year Total Nitrogen and 2,000 lbs/year Total Phosphorus from the Hampton Roads Sanitation District’s aggregate allocations (VAN040090) for compliance years 2020 through 2025 in accordance with a Nutrient Offset Agreement dated October 29, 2020. Upon termination of the agreement, the allocations revert back to HRSD.
- (11) G. Robert House, Jr. WTP Total Phosphorus wasteload allocation of 12,739 lbs/yr based on a permitted design capacity of 3,728 lbs/yr plus 9,011 lbs/yr of Total Phosphorus allocation provided by HRSD for calendar years 2015 through 2053.
- (12) HRSD Nansemond STP wasteload allocation reflects the consolidation of Town of Surry WWTF (VA0061646).