

LISTING OF DISCHARGERS WITH WASTE LOAD ALLOCATIONS (WLAs) AND DELIVERED ALLOCATIONS (DAs)

James River Basin – Total Nitrogen

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TN Wasteload Allocation (lbs/yr)	TN Delivery Factor	Delivered TN Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Upper/Middle James										
Buena Vista STP	VA0020991	VAN040063	500	2.25	41,115	0.56	23,024	1/1/2017	A	
Buena Vista STP	VA0020991	VAN040063	500	3.00	41,115	0.56	23,024	(5)	A	
Buena Vista STP	VA0020991	VAN040063	500	3.60	41,115	0.56	23,024	(5)	A	
Covington STP	VA0025542	VAN040065	500	3.00	54,820	0.21	11,512	1/1/2017	A	
GP Big Island LLC	VA0003026	VAN040066	500	10.87	122,489	0.60	73,493	1/1/2017	A	
Mohawk Industries, Inc.	VA0004677	VAN040067	500	2.00	30,456	0.59	17,969	1/1/2017	A	
Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	3.00	54,820	0.32	17,542	1/1/2017	A	
Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	6.00	54,820	0.32	17,542	(5)	A	
Alleghany County Aggregate	-	VAN040069	500	-	-	-	19,005	1/1/2017	-	
Low Moor WWTP	VA0027979	-	501	0.50	9,137	0.26	2,376	-	A	
Lower Jackson River WWTP	VA0090671	-	502	2.60	63,957	0.26	16,629	-	A	(6)
WestRock Virginia Corp.- Covington	VA0003646	VAN040070	500	35.00	394,400	0.11	43,384	1/1/2017	A	
Amherst-Rutledge Creek WWTP	VA0031321	VAN040071	500	0.60	10,964	0.34	3,728	1/1/2017		
Babcock & Wilcox	VA0003697	VAN040072	500	1.00	187,000	0.65	121,550	1/1/2017	A	
Greif Inc.	VA0006408	VAN040073	500	6.50	73,246	0.65	47,610	1/1/2017	A	
Lake Monticello STP	VA0024945	VAN040074	500	0.995	18,182	0.67	12,182	1/1/2017	A	
Lynchburg STP (1)	VA0024970	VAN040075	500	22.00	536,019	0.65	348,412	1/1/2017	A	
RWSA-Moores Creek Regional STP	VA0025518	VAN040076	500	15.00	282,994	0.67	189,606	1/1/2017	A	(8)
Crewe WWTP	VA0020303	VAN040100	500	0.50	9,137	0.29	2,650	1/1/2017	A	
Farmville WWTP	VA0083135	VAN040097	500	2.40	43,856	0.26	11,403	1/1/2017	A	
Richmond WWTP (1)	VA0063177	VAN040085	500	45.00	1,093,652	1.00	1,093,652	1/1/2017	A	(7)
E. I. DuPont-Spruance	VA0004669	VAN040079	500	23.33	201,080	1.00	201,080	1/1/2017	A	
Chesterfield County Aggregate	-	VAN040080	500	-	-	-	564,952	1/1/2017	-	
Falling Creek WWTP	VA0024996	-	501	10.10	153,801	1.00	153,801	-	A	
Proctors Creek WWTP	VA0060194	-	502	27.00	411,151	1.00	411,151	-	A	

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TN Wasteload Allocation (lbs/yr)	TN Delivery Factor	Delivered TN Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Dominion-Chesterfield (2)	VA0004146	VAN040086	500	-	352,036	1.00	352,036	1/1/2017	A	
Henrico Co. WWTP	VA0063690	VAN040081	500	75.00	1,142,085	1.00	1,142,085	1/1/2017	A	
The Sustainability Park LLC (001)	VA0002780	VAN040078	500	2.10	25,583	1.00	25,583	1/1/2017	A	
The Sustainability Park LLC (001)	VA0002780	VAN040078	500	3.00	25,583	1.00	25,583	1/1/2017	A	
Philip Morris USA-Park 500	VA0026557	VAN040084	500	2.90	139,724	1.00	139,724	1/1/2017	A	
AdvanSix Resins and Chemicals LLC	VA0005291	VAN040082	500	121.00	1,090,798	1.00	1,090,798	1/1/2017	A	
Hopewell RWTF	VA0066630	VAN040083	500	50.00	1,827,336	1.00	1,827,336	1/1/2017	A	
So. Central Wastewater Authority WWTF	VA0025437	VAN040087	500	23.00	350,239	1.00	350,239	1/1/2017	A	
Tyson Foods-Glen Allen	VA0004031	VAN040089	500	1.07	19,552	0.16	3,128	1/1/2017	A	
Wintergreen Stoney Creek STP	VA0074047	VAN040103	500	0.12	3,417	0.74	2,529	(5)	B	
Dillwyn STP	VA0027294	VAN040104	500	0.20	5,695	0.69	3,930	(5)	B	
Augusta Correctional Center	VA0091821	VAN040118	500	0.44	4,020	0.21	844	1/1/2017	D	
Deer Park STP	VA0091341	VAN040132	500	0.045	0	0.81	0	(5)	C	
Deer Park STP	VA0091341	VAN040132	500	0.09	0	0.81	0	(5)	C	
Amelia Courthouse Sanitary District Aggregate	-	VAN040105	500	-	-	-	8,372	(5)	B	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	0.999	0	0.61	0	-	C	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	2.0	0	0.61	0	-	C	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	3.0	0	0.61	0	-	C	
Amelia CH Sanitary District – Nibbs Crk	VA0086681	-	502	0.30	17,085	0.49	8,372	-	B	
Keswick STP	VA0085979	VAN040141	500	0.099	3,417	0.67	2,289	(5)	B	
Fincastle WWTP	VA0060364	VAN040140	500	0.1875	7,119	0.34	2,420	(5)	B	
Eheart Subdivision STP	VA0080781	VAN040143	500	0.04	0	0.41	0	(5)	C	
Eheart Subdivision STP	VA0080781	VAN040143	500	0.07	0	0.41	0	(5)	C	
Oilville WWTP	VA0092428	VAN040145	500	0.30	3,090	0.89	2,750	(5)	C	(7)
Upper/Middle James Subtotal					8,783,472		7,756,818			

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TN Wasteload Allocation (lbs/yr)	TN Delivery Factor	Delivered TN Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Lower James										
HRSD James River Aggregate (3) (4)		VAN040090	500				4,553,500	1/1/2017	A, C	(9)
Boat Harbor STP	VA0081256		501	25.00	612,813	1.00	612,813			
James River STP	VA0081272		502	20.00	490,251	1.00	490,251			
Williamsburg STP	VA0081302		503	22.50	551,532	1.00	551,532			
Nansemond STP	VA0081299		504	30.00	735,376	1.00	735,376			
Army Base STP	VA0081230		505	18.00	441,226	1.00	441,226			
Virginia Initiative STP	VA0081281		506	40.00	980,501	1.00	980,501			
Chesapeake-Elizabeth STP	VA0081264		507	24.00	588,301	1.00	588,301			
Lawnes Point STP	VA0091952		508	0.05	0	1.00	0			
Lower James River Subtotal					4,553,500		4,553,500			
James River Basin Total					13,336,972		12,310,318			

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 of the Code of Virginia

Footnotes

- (1) 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.
- (2) 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.
- (3) James River Trading Restriction - Lower James River facilities are noted by this footnote. In order to protect upstream water quality, facilities in the upper and middle James River shall not obtain wasteload allocations or compliance credits from the noted lower James River facilities. This restriction shall not restrict lower James River facilities from obtaining wasteload allocations or compliance credits from upstream facilities.
- (4) The Hampton Roads Sanitation District's James River Aggregate TN WLA of 4,553,500 lbs/yr 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.
- (5) 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.
- (6) Lower Jackson Regional WWTP wasteload allocations reflect the consolidation of the former Clifton Forge STP wasteload allocations in accordance with the Town of Clifton Forge, Town of Iron Gate, and Alleghany County Wastewater Treatment Agreement dated September 18, 2007.
- (7) Oilville WWTP 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 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. Upon termination of the wastewater agreement, these allocations revert back to the City of Richmond.
- (8) RWSA-Moores Creek Regional STP wasteload allocation includes 8,894 lbs/yr of TN and 1,112 lbs/yr of TP from the consolidation of the Camelot WWTP (VA0025488)
- (9) Hampton Roads Sanitation District permanently acquired an additional wasteload allocation of 153,500 lbs/yr of TN from J.H. Miles & Co. under a Wastewater Treatment and Nutrient Allocation Consolidation Agreement dated December 21, 2015.

LISTING OF DISCHARGERS WITH WASTE LOAD ALLOCATIONS (WLAs) AND DELIVERED ALLOCATIONS (DAs)

James River Basin – Total Phosphorus

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TP Wasteload Allocation (lbs/yr)	TP Delivery Factor	Delivered TP Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Upper/Middle James										
Buena Vista STP	VA0020991	VAN040063	500	2.25	2,778	0.66	1,833	1/1/2017	A	
Buena Vista STP	VA0020991	VAN040063	500	3.00	2,778	0.66	1,833	(4)	A	
Buena Vista STP	VA0020991	VAN040063	500	3.60	2,778	0.66	1,833	(4)	A	
Covington STP	VA0025542	VAN040065	500	3.00	3,705	0.66	2,445	1/1/2017	A	
GP Big Island LLC	VA0003026	VAN040066	500	10.87	40,273	0.66	26,580	1/1/2017	A	
Mohawk Industries, Inc.	VA0004677	VAN040067	500	2.00	9,880	0.66	6,521	1/1/2017	A	
Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	3.00	3,705	0.66	2,445	1/1/2017	A	
Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	6.00	3,705	0.66	2,445	(4)	A	
Alleghany County Aggregate	-	VAN040069	500	-	-	-	3,260	1/1/2017	-	
Low Moor WWTP	VA0027979	-	501	0.50	617	0.66	407	-	A	
Lower Jackson River WWTP	VA0090671	-	502	2.60	4,323	0.66	2,853	-	A	(6)
WestRock Virginia Corp. - Covington	VA0003646	VAN040070	500	35.00	96,771	0.66	63,869	1/1/2017	A	
Amherst-Rutledge Creek WWTP	VA0031321		500	0.60	741	0.66	489	1/1/2017	A	
Babcock & Wilcox	VA0003697	VAN040072	500	1.00	1,235	0.66	815	1/1/2017	A	
Greif Inc.	VA0006408	VAN040073	500	6.50	24,082	0.66	15,894	1/1/2017	A	
Lake Monticello STP	VA0024945	VAN040074	500	0.995	1,229	0.66	811	1/1/2017	A	
Lynchburg STP (1)	VA0024970	VAN040075	500	22.00	27,169	0.66	17,932	1/1/2017	A	
RWSA-Moores Creek Regional STP	VA0025518	VAN040076	500	15.00	18,525	0.66	12,227	1/1/2017	A	(8)
Crewe WWTP	VA0020303	VAN040100	500	0.50	617	0.46	284	1/1/2017	A	
Farmville WWTP	VA0083135	VAN040097	500	2.40	2,964	0.46	1,363	1/1/2017	A	
Richmond WWTP (1)	VA0063177	VAN040085	500	45.00	55,574	1.00	55,574	1/1/2017	A	(7)
E. I. DuPont-Spruance	VA0004669	VAN040079	500	23.33	6,339	1.00	6,339	1/1/2017	A	
Chesterfield County Aggregate	-	VAN040080	500	-	-	-	45,817	1/1/2017	-	
Falling Creek WWTP	VA0024996	-	501	10.10	12,473	1.00	12,473	-	A	
Proctors Creek WWTP	VA0060194	-	502	27.00	33,344	1.00	33,344	-	A	

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TP Wasteload Allocation (lbs/yr)	TP Delivery Factor	Delivered TP Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Dominion-Chesterfield (2)	VA0004146	VAN040086	500	-	170	1.00	170	1/1/2017	A	
Henrico Co. WWTP	VA0063690	VAN040081	500	75.00	92,623	1.00	92,623	1/1/2017	A	
The Sustainability Park LLC (001)	VA0002780	VAN040078	500	2.10	1,556	1.00	1,556	1/1/2017	A	
The Sustainability Park LLC (001)	VA0002780	VAN040078	500	3.00	1,556	1.00	1,556	1/1/2017	A	
Philip Morris USA-Park 500	VA0026557	VAN040084	500	2.90	2,149	1.00	2,149	1/1/2017	A	
AdvanSix Resins and Chemicals LLC	VA0005291	VAN040082	500	121.00	41,841	1.00	41,841	1/1/2017	A	
Hopewell RWTF	VA0066630	VAN040083	500	50.00	61,749	1.00	61,749	1/1/2017	A	
So. Central Wastewater Authority WWTF	VA0025437	VAN040087	500	23.00	28,404	1.00	28,404	1/1/2017	A	
Tyson Foods-Glen Allen	VA0004031	VAN040089	500	1.07	409	0.46	188	1/1/2017	A	
Wintergreen Stoney Creek STP	VA0074047	VAN040103	500	0.12	457	0.66	302	(4)	B	
Dillwyn STP	VA0027294	VAN040104	500	0.20	761	0.66	502	(4)	B	
Augusta Correctional Center	VA0091821	VAN040118	500	0.44	402	0.66	265	1/1/2017	D	
Deer Park STP	VA0091341	VAN040132	500	0.045	0	0.66	0	(4)	C	
Deer Park STP	VA0091341	VAN040132	500	0.09	0	0.66	0	(4)	C	
Amelia Courthouse Sanitary District Aggregate	-	VAN040105	500	-	-	-	1,051	(4)	B	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	0.999	0	0.46	0	-	C	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	2.0	0	0.46	0	-	C	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	3.0	0	0.46	0	-	C	
Amelia CH Sanitary District – Nibbs Crk	VA0086681	-	502	0.30	2,284	0.46	1,051	-	B	
Keswick STP	VA0085979	VAN040141	500	0.099	457	0.66	302	(4)	B	
Fincastle WWTP	VA0060364	VAN040140	500	0.1875	952	0.66	628	(4)	B	
Eheart Subdivision STP	VA0080781	VAN040143	500	0.04	0	0.66	0	(4)	C	
Eheart Subdivision STP	VA0080781	VAN040143	500	0.07	0	0.66	0	(4)	C	
Oilville WWTP	VA0092428	VAN040145	500	0.30	275	0.66	182	(4)	C	(7)
Upper/Middle James Subtotal					578,362		494,780			

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TP Wasteload Allocation (lbs/yr)	TP Delivery Factor	Delivered TP Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Lower James										
HRSD James River Aggregate (3)		VAN040090	500				318,436	1/1/2017	A, C	(5) (9) (10)
Boat Harbor STP	VA0081256		501	25.00	43,177	1.00	43,177			
James River STP	VA0081272		502	20.00	34,541	1.00	34,541			
Williamsburg STP	VA0081302		503	22.50	38,859	1.00	38,859			
Nansemond STP	VA0081299		504	30.00	51,812	1.00	51,812			
Army Base STP	VA0081230		505	18.00	31,087	1.00	31,087			
Virginia Initiative STP	VA0081281		506	40.00	69,083	1.00	69,083			
Chesapeake-Elizabeth STP	VA0081264		507	24.00	41,450	1.00	41,450			
Lawnes Point STP	VA0091952		508	0.05	0	1.00	0			
G. Robert House, Jr. WTP (3)	VA0076473	VAN040127	500	-	12,739	1.00	12,739	1/1/2017	B	(5)
Lower James River Subtotal					331,175		331,175			
James River Basin Total					909,537		825,955			

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)
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- D = Title 62.1-44.19:15 of the Code of Virginia

Footnotes

- (1) 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.
- (2) 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.
- (3) James River Trading Restriction - Lower James River facilities are noted by this footnote. In order to protect upstream water quality, facilities in the upper and middle James River shall not obtain wasteload allocations or compliance credits from the noted lower James River facilities. This restriction shall not restrict lower James River facilities from obtaining wasteload allocations or compliance credits from upstream facilities.
- (4) 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.
- (5) 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.
- (6) Lower Jackson Regional WWTP wasteload allocations reflect the consolidation of the former Clifton Forge STP wasteload allocations in accordance with the Town of Clifton Forge, Town of Iron Gate, and Alleghany County Wastewater Treatment Agreement dated September 18, 2007.
- (7) Oilville WWTP 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 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. Upon termination of the wastewater agreement, these allocations revert back to the City of Richmond.

- (8) RWSA-Moores Creek Regional STP wasteload allocation includes 8,894 lbs/yr of TN and 1,112 lbs/yr of TP from the consolidation of the Camelot WWTP (VA0025488)
- (9) Hampton Roads Sanitation District permanently acquired an additional wasteload allocation of 17,437 lbs/yr of TP from J.H. Miles & Co. under a Wastewater Treatment and Nutrient Allocation Consolidation Agreement dated December 21, 2015.
- (10) The Hampton Roads Sanitation District's James River Aggregate TP WLA of 318,436 lbs/yr is binding upon HRSD's regional system as a whole; it is not limiting upon individual facilities (or their associated design flows and specific removal efficiencies) comprising the regional system.

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Upper/Middle James										
Buena Vista STP	VA0020991	VAN040063	500	2.25	41,115	0.55	22,613	1/1/2021	A	
Buena Vista STP	VA0020991	VAN040063	500	3.00	41,115	0.55	22,613	(5)	A	
Buena Vista STP	VA0020991	VAN040063	500	3.60	41,115	0.55	22,613	(5)	A	
Covington STP	VA0025542	VAN040065	500	3.00	54,820	0.21	11,512	1/1/2021	A	
GP Big Island LLC	VA0003026	VAN040066	500	10.87	122,489	0.60	73,493	1/1/2021	A	
Mohawk Industries, Inc.	VA0004677	VAN040067	500	2.00	30,456	0.58	17,664	1/1/2021	A	
Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	3.00	54,820	0.31	16,994	1/1/2021	A	
Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	6.00	54,820	0.31	16,994	(5)	A	
Alleghany County Aggregate	-	VAN040069	500	-	-	-	19,735	1/1/2021	-	
Low Moor WWTP	VA0027979	-	501	0.50	9,137	0.27	2,467	-	A	
Lower Jackson River WWTP	VA0090671	-	502	2.60	63,957	0.27	17,268	-	A	(6)
WestRock Virginia Corp. - Covington	VA0003646	VAN040070	500	35.00	394,400	0.11	43,384	1/1/2021	A	
Amherst-Rutledge Creek WWTP	VA0031321	VAN040071	500	0.60	10,964	0.43	4,715	1/1/2021	A	
Babcock & Wilcox	VA0003697	VAN040072	500	1.00	187,000	0.64	119,680	1/1/2021	A	
Greif Inc.	VA0006408	VAN040073	500	6.50	73,246	0.64	46,877	1/1/2021	A	
Lake Monticello STP	VA0024945	VAN040074	500	0.995	18,182	0.64	11,636	1/1/2021	A	
Lynchburg STP (1)	VA0024970	VAN040075	500	22.00	536,019	0.64	343,052	1/1/2021	A	
RWSA-Moores Creek Regional STP	VA0025518	VAN040076	500	15.00	282,994	0.64	181,116	1/1/2021	A	(8)
Crewe WWTP	VA0020303	VAN040100	500	0.50	9,137	0.25	2,284	1/1/2021	A	
Farmville WWTP	VA0083135	VAN040097	500	2.40	43,856	0.29	12,718	1/1/2021	A	
Richmond WWTP (1)	VA0063177	VAN040085	500	45.00	1,093,652	1.00	1,093,652	1/1/2021	A	(7)
E. I. DuPont-Spruance	VA0004669	VAN040079	500	23.33	201,080	1.00	201,080	1/1/2021	A	
Chesterfield County Aggregate	-	VAN040080	500	-	-	-	564,952	1/1/2021	-	
Falling Creek WWTP	VA0024996	-	501	10.10	153,801	1.00	153,801	-	A	
Proctors Creek WWTP	VA0060194	-	502	27.00	411,151	1.00	411,151	-	A	

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TN Wasteload Allocation (lbs/yr)	TN Delivery Factor	Delivered TN Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Dominion-Chesterfield (2)	VA0004146	VAN040086	500	-	352,036	1.00	352,036	1/1/2021	A	
Henrico Co. WWTP	VA0063690	VAN040081	500	75.00	1,142,085	1.00	1,142,085	1/1/2021	A	
The Sustainability Park LLC (001)	VA0002780	VAN040078	500	2.10	25,583	1.00	25,583	1/1/2021	A	
The Sustainability Park LLC (001)	VA0002780	VAN040078	500	3.00	25,583	1.00	25,583	1/1/2021	A	
Philip Morris USA-Park 500	VA0026557	VAN040084	500	2.90	139,724	1.00	139,724	1/1/2021	A	
AdvanSix Resins and Chemicals LLC	VA0005291	VAN040082	500	121.00	1,090,798	1.00	1,090,798	1/1/2021	A	
Hopewell RWTF	VA0066630	VAN040083	500	50.00	1,827,336	1.00	1,827,336	1/1/2021	A	
So. Central Wastewater Authority WWTF	VA0025437	VAN040087	500	23.00	350,239	1.00	350,239	1/1/2021	A	
Tyson Foods-Glen Allen	VA0004031	VAN040089	500	1.07	19,552	0.18	3,519	1/1/2021	A	
Wintergreen Stoney Creek STP	VA0074047	VAN040103	500	0.12	3,417	0.72	2,460	(5)	B	
Dillwyn STP	VA0027294	VAN040104	500	0.20	5,695	0.65	3,702	(5)	B	
Augusta Correctional Center	VA0091821	VAN040118	500	0.44	4,020	0.20	804	1/1/2021	D	
Deer Park STP	VA0091341	VAN040132	500	0.045	0	0.79	0	(5)	C	
Deer Park STP	VA0091341	VAN040132	500	0.09	0	0.79	0	(5)	C	
Amelia Courthouse Sanitary District Aggregate	-	VAN040105	500	-	-	-	7,347	(5)	B	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	0.999	0	0.55	0	-	C	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	2.0	0	0.55	0	-	C	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	3.0	0	0.55	0	-	C	
Amelia CH Sanitary District – Nibbs Crk	VA0086681	-	502	0.30	17,085	0.43	7,347	-	B	
Keswick STP	VA0085979	VAN040141	500	0.099	3,417	0.64	2,187	(5)	B	
Fincastle WWTP	VA0060364	VAN040140	500	0.1875	7,119	0.37	2,634	(5)	B	
Eheart Subdivision STP	VA0080781	VAN040143	500	0.04	0	0.44	0	(5)	C	
Eheart Subdivision STP	VA0080781	VAN040143	500	0.07	0	0.44	0	(5)	C	
Oilville WWTP	VA0092428	VAN040145	500	0.30	3,090	0.88	2,719	(5)	C	(7)
Upper/Middle James Subtotal					8,783,472		7,740,334			

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TN Wasteload Allocation (lbs/yr)	TN Delivery Factor	Delivered TN Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Lower James										
HRSD James River Aggregate (3) (4)		VAN040090	500				4,553,500	1/1/2021	A, C	(5) (9)
Boat Harbor STP	VA0081256		501	25.00	612,813	1.00	612,813			
James River STP	VA0081272		502	20.00	490,251	1.00	490,251			
Williamsburg STP	VA0081302		503	22.50	551,532	1.00	551,532			
Nansemond STP	VA0081299		504	30.00	735,376	1.00	735,376			
Army Base STP	VA0081230		505	18.00	441,226	1.00	441,226			
Virginia Initiative STP	VA0081281		506	40.00	980,501	1.00	980,501			
Chesapeake-Elizabeth STP	VA0081264		507	24.00	588,301	1.00	588,301			
Lawnes Point STP	VA0091952		508	0.05	0	1.00	0			
Lower James River Subtotal					4,553,500		4,553,500			
James River Basin Total					13,336,972		12,293,834			

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 of the Code of Virginia

Footnotes

- (1) 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.
- (2) 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.
- (3) James River Trading Restriction - Lower James River facilities are noted by this footnote. In order to protect upstream water quality, facilities in the upper and middle James River shall not obtain wasteload allocations or compliance credits from the noted lower James River facilities. This restriction shall not restrict lower James River facilities from obtaining wasteload allocations or compliance credits from upstream facilities.
- (4) The Hampton Roads Sanitation District's James River Aggregate TN WLA of 4,553,500 lbs/yr 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.
- (5) 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.
- (6) Lower Jackson Regional WWTP wasteload allocations reflect the consolidation of the former Clifton Forge STP wasteload allocations in accordance with the Town of Clifton forge, Town of Iron Gate, and Alleghany County Wastewater Treatment Agreement dated September 18, 2007.
- (7) Oilville WWTP 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 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. Upon termination of the wastewater agreement, these allocations revert back to the City of Richmond.
- (8) RWSA-Moores Creek Regional STP wasteload allocation includes 8,894 lbs/yr of TN and 1,112 lbs/yr of TP from the consolidation of the Camelot WWTP (VA0025488)

(9) Hampton Roads Sanitation District permanently acquired an additional wasteload allocation of 153,500 lbs/yr of TN from J.H. Miles & Co. under a Wastewater Treatment and Nutrient Allocation Consolidation Agreement dated December 21, 2015.

LISTING OF DISCHARGERS WITH WASTE LOAD ALLOCATIONS (WLAs) AND DELIVERED ALLOCATIONS (DAs)

James River Basin – Total Phosphorus

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TP Wasteload Allocation (lbs/yr)	TP Delivery Factor	Delivered TP Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Upper/Middle James										
Buena Vista STP	VA0020991	VAN040063	500	2.25	2,778	0.71	1,972	1/1/2021	A	
Buena Vista STP	VA0020991	VAN040063	500	3.00	2,778	0.71	1,972	(4)	A	
Buena Vista STP	VA0020991	VAN040063	500	3.60	2,778	0.71	1,972	(4)	A	
Covington STP	VA0025542	VAN040065	500	3.00	3,705	0.71	2,631	1/1/2021	A	
GP Big Island LLC	VA0003026	VAN040066	500	10.87	40,273	0.71	28,594	1/1/2021	A	
Mohawk Industries, Inc.	VA0004677	VAN040067	500	2.00	9,880	0.71	7,015	1/1/2021	A	
Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	3.00	3,705	0.71	2,631	1/1/2021	A	
Lexington-Rockbridge Regional WQCF	VA0088161	VAN040068	500	6.00	3,705	0.71	2,631	(4)	A	
Alleghany County Aggregate	-	VAN040069	500	-	-	-	3,507	1/1/2021	-	
Low Moor WWTP	VA0027979	-	501	0.50	617	0.71	438	-	A	
Lower Jackson River WWTP	VA0090671	-	502	2.60	4,323	0.71	3,069	-	A	(6)
WestRock Virginia Corp. - Covington	VA0003646	VAN040070	500	35.00	96,771	0.71	68,707	1/1/2021	A	
Amherst-Rutledge Creek WWTP	VA0031321	VAN040071	500	0.60	741	0.71	526	1/1/2021	A	
Babcock & Wilcox	VA0003697	VAN040072	500	1.00	1,235	0.71	877	1/1/2021	A	
Greif Inc.	VA0006408	VAN040073	500	6.50	24,082	0.71	17,098	1/1/2021	A	
Lake Monticello STP	VA0024945	VAN040074	500	0.995	1,229	0.71	877	1/1/2021	A	
Lynchburg STP (1)	VA0024970	VAN040075	500	22.00	27,169	0.71	19,290	1/1/2021	A	
RWSA-Moores Creek Regional STP	VA0025518	VAN040076	500	15.00	18,525	0.71	13,153	1/1/2021	A	(8)
Crewe WWTP	VA0020303	VAN040100	500	0.50	617	0.53	327	1/1/2021	A	
Farmville WWTP	VA0083135	VAN040097	500	2.40	2,964	0.53	1,571	1/1/2021	A	
Richmond WWTP (1)	VA0063177	VAN040085	500	45.00	55,574	1.00	55,574	1/1/2021	A	(7)
E. I. DuPont-Spruance	VA0004669	VAN040079	500	23.33	6,339	1.00	6,339	1/1/2021	A	
Chesterfield County Aggregate	-	VAN040080	500	-	-	-	45,817	1/1/2021	-	
Falling Creek WWTP	VA0024996	-	501	10.10	12,473	1.00	12,473	-	A	
Proctors Creek WWTP	VA0060194	-	502	27.00	33,344	1.00	33,344	-	A	

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TP Wasteload Allocation (lbs/yr)	TP Delivery Factor	Delivered TP Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Dominion-Chesterfield (2)	VA0004146	VAN040086	500	-	170	1.00	170	1/1/2021	A	
Henrico Co. WWTP	VA0063690	VAN040081	500	75.00	92,623	1.00	92,623	1/1/2021	A	
The Sustainability Park LLC (001)	VA0002780	VAN040078	500	2.10	1,556	1.00	1,556	1/1/2021	A	
The Sustainability Park LLC (001)	VA0002780	VAN040078	500	3.00	1,556	1.00	1,556	1/1/2021	A	
Philip Morris USA-Park 500	VA0026557	VAN040084	500	2.90	2,149	1.00	2,149	1/1/2021	A	
AdvanSix Resins and Chemicals LLC	VA0005291	VAN040082	500	121.00	41,841	1.00	41,841	1/1/2021	A	
Hopewell RWTF	VA0066630	VAN040083	500	50.00	61,749	1.00	61,749	1/1/2021	A	
So. Central Wastewater Authority WWTF	VA0025437	VAN040087	500	23.00	28,404	1.00	28,404	1/1/2021	A	
Tyson Foods-Glen Allen	VA0004031	VAN040089	500	1.07	409	0.36	147	1/1/2021	A	
Wintergreen Stoney Creek STP	VA0074047	VAN040103	500	0.12	457	0.71	324	(4)	B	
Dillwyn STP	VA0027294	VAN040104	500	0.20	761	0.71	540	(4)	B	
Augusta Correctional Center	VA0091821	VAN040118	500	0.44	402	0.71	285	1/1/2021	D	
Deer Park STP	VA0091341	VAN040132	500	0.045	0	0.71	0	(4)	C	
Deer Park STP	VA0091341	VAN040132	500	0.09	0	0.71	0	(4)	C	
Amelia Courthouse Sanitary District Aggregate	-	VAN040105	500	-	-	-	1,211	(4)	B	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	0.999	0	0.53	0	-	C	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	2.0	0	0.53	0	-	C	
Amelia CH Sanitary District- Smacks Crk	VA0091707	-	501	3.0	0	0.53	0	-	C	
Amelia CH Sanitary District – Nibbs Crk	VA0086681	-	502	0.30	2,284	0.53	1,211	-	B	
Keswick STP	VA0085979	VAN040141	500	0.099	457	0.71	324	(4)	B	
Fincastle WWTP	VA0060364	VAN040140	500	0.1875	952	0.71	676	(4)	B	
Eheart Subdivision STP	VA0080781	VAN040143	500	0.04	0	0.71	0	(4)	C	
Eheart Subdivision STP	VA0080781	VAN040143	500	0.07	0	0.71	0	(4)	C	
Oilville WWTP	VA0092428	VAN040145	500	0.30	275	0.71	195	(4)	C	(7)
Upper/Middle James Subtotal					578,362		506,942			

Facility	Individual VPDES Permit No.	General Permit Registration No.	General Permit Outfall No.	Design Flow (MGD)	Discharged TP Wasteload Allocation (lbs/yr)	TP Delivery Factor	Delivered TP Wasteload Allocation (lbs/yr)	Limit Effective Date	Basis for Limits	Changes to WQMP Allocations (see footnotes)
Lower James										
HRSD James River Aggregate (3)		VAN040090	500				318,436	1/1/2017	A, C	(5) (9) (10)
Boat Harbor STP	VA0081256		501	25.00	43,177	1.00	43,177			
James River STP	VA0081272		502	20.00	34,541	1.00	34,541			
Williamsburg STP	VA0081302		503	22.50	38,859	1.00	38,859			
Nansemond STP	VA0081299		504	30.00	51,812	1.00	51,812			
Army Base STP	VA0081230		505	18.00	31,087	1.00	31,087			
Virginia Initiative STP	VA0081281		506	40.00	69,083	1.00	69,083			
Chesapeake-Elizabeth STP	VA0081264		507	24.00	41,450	1.00	41,450			
Lawnes Point STP	VA0091952		508	0.05	0	1.00	0			
G. Robert House, Jr. WTP (3)	VA0076473	VAN040127	500	-	12,739	1.00	12,739	1/1/2021	B	(5)
Lower James River Subtotal					331,175		331,175			
James River Basin Total					909,537		838,117			

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 of the Code of Virginia

Footnotes

- (1) 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.
- (2) 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.
- (3) James River Trading Restriction - Lower James River facilities are noted by this footnote. In order to protect upstream water quality, facilities in the upper and middle James River shall not obtain wasteload allocations or compliance credits from the noted lower James River facilities. This restriction shall not restrict lower James River facilities from obtaining wasteload allocations or compliance credits from upstream facilities.
- (4) 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.
- (5) 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.
- (6) Lower Jackson Regional WWTP wasteload allocations reflect the consolidation of the former Clifton Forge STP wasteload allocations in accordance with the Town of Clifton forge, Town of Iron Gate, and Alleghany County Wastewater Treatment Agreement dated September 18, 2007.
- (7) Oilville WWTP 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 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. Upon termination of the wastewater agreement, these allocations revert back to the City of Richmond.
- (8) RWSA-Moores Creek Regional STP wasteload allocation includes 8,894 lbs/yr of TN and 1,112 lbs/yr of TP from the consolidation of the Camelot WWTP (VA0025488)

(9) Hampton Roads Sanitation District permanently acquired an additional wasteload allocation of 17,437 lbs/yr of TP from J.H. Miles & Co. under a Wastewater Treatment and Nutrient Allocation Consolidation Agreement dated December 21, 2015.

(10) The Hampton Roads Sanitation District's James River Aggregate TP WLA of 318,436 lbs/yr is binding upon HRSD's regional system as a whole; it is not limiting upon individual facilities (or their associated design flows and specific removal efficiencies) comprising the regional system.