



COMMONWEALTH OF VIRGINIA
Department of Mines, Minerals and Energy
Division of Mined Land Reclamation

Callahan Creek TDS Wasteload Report 2025-Q1

04-01-2024 to 03-31-2025

Watershed Information

Stressor:	TDS	Watershed Acres:	18,432
Wasteload Allocation:	2,610,000	Watershed Permits:	23
EPA TMDL Approval Date:	06/22/06	Watershed Outfalls:	102

Watershed Wasteload and Reduction Summary¹

	Pre-TMDL Wasteloads ²	Post-TMDL Wasteloads ³	Total
Wasteload Allocation Available ⁴	2,610,000	0	2,610,000
Wasteload ⁵	3,757,005	12,877	3,769,882
Wasteload Balance	-1,147,005	-12,877	-1,159,882
Wasteload Reduction Required ⁶	1,147,005	12,877	1,159,882
Percent Reduction Required ⁷	30.5%	100.0%	30.8%

¹ Wasteload units are in kg/year unless otherwise noted.

² Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

³ Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

⁴ The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

⁵ Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

⁶ In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

⁷ The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

Permit Wasteload and Reduction Summary⁸

Permit Number	Pre-TMDL Wasteload ⁹	Pre-TMDL Reduction Required ¹⁰	Post-TMDL Wasteload ¹¹	Post-TMDL Reduction Required ¹²	Total Wasteload	Total Wasteload Reduction Required
1101916	0	0	0	0	0	0
1101914	3,196,840	975,988	0	0	3,196,840	975,988
1101917	4,228	1,291	0	0	4,228	1,291
1102003	0	0	0	0	0	0
1302035	0	0	0	0	0	0
1102052	101,483	30,983	0	0	101,483	30,983
1102051	49	15	0	0	49	15
1102308	0	0	12,877	12,877	12,877	12,877
1202314	66,860	20,412	0	0	66,860	20,412
1602316	0	0	0	0	0	0
1102322	0	0	0	0	0	0
1602329	105,222	32,124	0	0	105,222	32,124
1202327	22,637	6,911	0	0	22,637	6,911
1202328	0	0	0	0	0	0
1502324	75,878	23,165	0	0	75,878	23,165
1202326	0	0	0	0	0	0
1302331	150,025	45,802	0	0	150,025	45,802
1102365	3,045	930	0	0	3,045	930
1202385	0	0	0	0	0	0
1102386	0	0	0	0	0	0
1202389	0	0	0	0	0	0
1202388	4,224	1,289	0	0	4,224	1,289
1202390	26,514	8,095	0	0	26,514	8,095
Total	3,757,005	1,147,005	12,877	12,877	3,769,882	1,159,882

⁸ Wasteload units are in kg/year unless otherwise noted.

⁹ The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

¹⁰ Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

¹¹ The wasteload

¹² Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.