



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

## Slate Creek TSS Wasteload Report 2025-Q1

04-01-2024 to 03-31-2025

### Watershed Information

|                         |          |                     |        |
|-------------------------|----------|---------------------|--------|
| Stressor:               | TSS      | Watershed Acres:    | 15,796 |
| Wasteload Allocation:   | 10,630   | Watershed Permits:  | 4      |
| EPA TMDL Approval Date: | 03/18/11 | Watershed Outfalls: | 4      |

### Watershed Wasteload and Reduction Summary<sup>1</sup>

|                                             | Pre-TMDL Wasteloads <sup>2</sup> | Post-TMDL Wasteloads <sup>3</sup> | Total  |
|---------------------------------------------|----------------------------------|-----------------------------------|--------|
| Wasteload Allocation Available <sup>4</sup> | 10,630                           | 9,761                             | 10,630 |
| Wasteload <sup>5</sup>                      | 869                              | 0                                 | 869    |
| Wasteload Balance                           | 9,761                            | 9,761                             | 9,761  |
| Wasteload Reduction Required <sup>6</sup>   | 0                                | 0                                 | 0      |
| Percent Reduction Required <sup>7</sup>     | 0.0%                             | 0.0%                              | 0.0%   |

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

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

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

<sup>4</sup> 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.

<sup>5</sup> 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.

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

<sup>7</sup> 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 Summary<sup>8</sup>

| Permit Number | Pre-TMDL Wasteload <sup>9</sup> | Pre-TMDL Reduction Required <sup>10</sup> | Post-TMDL Wasteload <sup>11</sup> | Post-TMDL Reduction Required <sup>12</sup> | Total Wasteload | Total Wasteload Reduction Required |
|---------------|---------------------------------|-------------------------------------------|-----------------------------------|--------------------------------------------|-----------------|------------------------------------|
| 1200335       | 177                             | 0                                         | 0                                 | 0                                          | 177             | 0                                  |
| 1201539       | 176                             | 0                                         | 0                                 | 0                                          | 176             | 0                                  |
| 1401645       | 516                             | 0                                         | 0                                 | 0                                          | 516             | 0                                  |
| 1202055       | 0                               | 0                                         | 0                                 | 0                                          | 0               | 0                                  |
| <b>Total</b>  | <b>869</b>                      | <b>0</b>                                  | <b>0</b>                          | <b>0</b>                                   | <b>869</b>      | <b>0</b>                           |

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

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

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

<sup>11</sup> The wasteload

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