

9 VAC 25-720-90. Tennessee-Big Sandy River Basin.

A. Total maximum Daily Load (TMDLs).

| TMDL # | Stream Name | TMDL Title | City/ County | WBID | Pollutant | WLA | Units |
|--------|------------------|--|-----------------|------|-----------|-----------|-------|
| 1. | Guest River | Guest River Total Maximum Load Report | Wise | P11R | Sediment | 317.52 | LB/YR |
| 2. | Cedar Creek | Total Maximum Daily Load (TMDL) Development for Cedar Creek, Hall/Byers Creek and Hutton Creek | Washington | O05R | Sediment | 1,789.93 | LB/YR |
| 3. | Hall/Byers Creek | Total Maximum Daily Load (TMDL) Development for Cedar Creek, Hall/Byers Creek and Hutton Creek | Washington | O05R | Sediment | 57,533.49 | LB/YR |
| 4. | Hutton Creek | Total Maximum Daily Load (TMDL) Development for Cedar Creek, Hall/Byers Creek and Hutton Creek | Washington | O05R | Sediment | 91.32 | LB/YR |
| 5. | Clinch River | Total Maximum Daily Load Development for the Upper Clinch River Watershed | Tazewell | P01R | Sediment | 206,636 | LB/YR |
| 6. | Lewis Creek | Total Maximum Daily Load Development for the Lewis Creek Watershed | Russell | P04R | Sediment | 21,732 | LB/YR |
| 7. | Black Creek | General Standard Total Maximum Daily Load Development for Black Creek, Wise County, | Wise | P17R | Manganese | 2,127 | KG/YR |

| | | | | | | | |
|-----|--------------|---|------------|------|------------------------|-----------|-------|
| | | Virginia | | | | | |
| 8. | Dumps Creek | General Standard Total Maximum Daily Load Development for Dumps Creek, Russell County, Virginia | Russell | P08R | Total Dissolved Solids | 1,631,575 | KG/YR |
| 9. | Dumps Creek | General Standard Total Maximum Daily Load Development for Dumps Creek, Russell County, Virginia | Russell | P08R | Total Suspended Solids | 316,523 | KG/YR |
| 10. | Beaver Creek | Total Maximum Daily Load Development for the Beaver Creek Watershed | Washington | O07R | Sediment | 784,036 | LB/YR |

B. ~~Stream segment classifications, effluent limitations including water quality based effluent limitations, and waste load allocations.~~

TABLE B1—SEWERAGE SERVICE AREAS

| Map ⁴ No. | Locality | Receiving Stream Classification ² | NPDES LIMITS ³ | | | Status of Applicable ⁴ Section 201 Programs (March 1977) |
|-------------------------|---------------|--|-------------------------------|-------------------------------|-----------------|---|
| | | | FLOW (mgd) | BOD ₅ (lbs/day) | SS (lbs/day) | |
| 44F | Abingdon | EL | 0.6 | 840 | 840 | Step III at EPA for award. |
| 44B | Amonate | EL | Permit to be issued in future | | | Not on priority list. |
| 4F | Appalachia | EL | 0.3 | 75 | 75 | To be studied with Big Stone Gap |
| 5F | Big Stone Gap | EL | 0.8 | 240 | 240 | Recommended for FY 77 Step 1. |
| 13B | Bishop | EL | Permit to be issued in future | | | Not on priority list. |

| | | | | | | |
|--------|--------------------------|----|---------------------------------|-------------|-------------|---|
| | Bristol | EL | Served by plant in Tennessee | | | Health hazard area to be served by collection system funded in FY 76. Extension of existing interceptor into Bearer Creek & Sinking Creek area to be funded by Region IV EPA and Tennessee. Also infiltration/inflow study to be funded in FY 77. |
| 23T | Chilhowie | EL | 0.265 | 68.5 | 79.6 | Proposed Step I study with Marion. |
| | Cleveland | WQ | 0.05 | 12.5 | 12.5 | Step III grant awarded by EPA. |
| | Clinchport | WQ | Not to exceed present discharge | | | Town and Country Authority has not yet applied for Step I from FY 76 funds. |
| 2B | Clintwood | WQ | 0.235 | *70.5/117.5 | *70.5/117.5 | On FY 77 list for Step I. |
| 11T | Coeburn | WQ | 0.4 | 160 | 160 | On FY 77 list for Step I. |
| 18T | Damascus | EL | 0.25 | 62.5 | 62.5 | Final audit and inspection of facility completed. |
| 6T | Duffield | EL | 0.075 | 30 | 30 | Not on priority list. |
| | Dungannon-Fort Blackmere | WQ | Permit to be issued in future | | | Not on priority list. |
| 10T | Gate City-Weber City | EL | 0.504 | *151/252 | *151/252 | Step I in progress. |
| 3B, 5B | Harmon-Big Rock | | 1.25 | 156 | 312 | System is approved by state and submitted to EPA. |
| 6B, 7B | Grundy-Vansant | WQ | Permit to be issued in future | | | System is approved and submitted to EPA. |
| 9B | Haysi | WQ | Permit to be issued in future | | | Step I plan is complete. Town disapproved plan. SWCB evaluating alternatives. |
| 8B T | Hurley | WQ | Permit to be issued in future | | | Step I plan complete and under review by state. |
| 1T | Jonesville | EL | 0.15 | 38 | 38 | Not on priority list. |
| 13T | Lebanon | WQ | 0.2 | 60 | 60 | Step III application at EPA. |
| 25T | Marion | EL | 1.7 | 510 | 510 | Step I recommended for FY 77. Marion is proceeding on infiltration/inflow study under prior approval from EPA. |
| | Nickelsville | WQ | Permit to be issued in future | | | Not on priority list. |
| 7T, 8T | Norton | WQ | 0.77, 0.22 | 832,371 | 640,0184 | Step I in process (with Wise). |
| 2T | Pennington Gap | EL | 0.315 | 410 | 315 | Step I recommended for FY 76. Community has not yet completed Step I application. |
| 1-B | Pound | WQ | 0.175 | 44 | 44 | Step III funded by EPA. Facility nearly completed. |

| | | | | | | |
|---------------------|----------------------|----|-------------------------------|----------|----------|---|
| 19T | Raven-Doran | WQ | 0.26 | 67.2 | 78 | System to remain unchanged. |
| 20T | Richlands | WQ | 0.8 | 845 | 650 | Step I in process. Step II recommended in FY 77. |
| | Rosedale | WQ | Permit to be issued in future | | | Not on priority list. |
| | Rose Hill-Ewing | EL | Permit to be issued in future | | | Not on priority list. |
| 3T | St. Charles | EL | 0.125 | 25 | 25 | Abandonment proposed. Then to be served by Pennington Gap, subject to recommendations of Facility Plan. |
| 12T | St. Paul | WQ | 0.4 | 400 | 400 | Complete and audited by EPA. |
| 22T | Saltville | EL | 0.5 | 125 | 125 | Complete and audited by EPA. |
| | Sugar Grove-Teas | EL | Permit to be issued in future | | | Not on priority list. |
| 15T | Swords Creek-Honaker | EL | 0.144 | 187 | 144 | Step I in FY 76. Step II recommended in FY 77. |
| 24T | Tazewell, Town of | EL | 0.70 | *210/350 | *210/350 | Step I recommended in FY 77. |
| 10B, 11B, 12B | Trammel-McClure | WQ | Permit to be issued in future | | | Not on priority list. |
| 9T | Wise | WQ | 0.28 | 112 | 112 | Step I in progress (with Norton). |

¹ Dischargers are shown on Plate 3-B (Map No. with "B" designates Big Sandy) and 3-T (Map No. with "T" designates Tennessee).

² Effluent Limiting (EL) or Water Quality (WQ).

³ For existing sewage treatment facility.

⁴ For new sewage treatment facility.

*Seasonal NPDES allowable loading: April to September/October to March.

Source: Thompson & Litton and State Water Control Board.

Tennessee - Big Sandy River non-TMDL waste load allocations

| Tennessee - Big Sandy River non-TMDL waste load allocations | | | | | | | | |
|---|-----------|---------------|-------------|------------------|------------|-----------------------|-----|-----------|
| Water Body | Permit No | Facility Name | Outfall No. | Receiving Stream | River Mile | Parameter Description | WLA | Units WLA |
| VAS-Q13R | VA0061913 | Pound WWTP | 001 | Pound River | 33.26 | CBOD5, JUN-NOV | 28 | KG/D |
| | | | | | | CBOD5, DEC-MAY | 47 | KG/D |

Tennessee - Big Sandy River non-TMDL waste load allocations

| <u>Water Body</u> | <u>Permit No</u> | <u>Facility Name</u> | <u>Outfall No.</u> | <u>Receiving Stream</u> | <u>River Mile</u> | <u>Parameter Description</u> | <u>WLA</u> | <u>Units WLA</u> |
|-------------------|------------------|--|--------------------|--------------------------------|-------------------|------------------------------|--------------|------------------|
| | | | | | | <u>TKN, JUN-NOV</u> | <u>28</u> | <u>KG/D</u> |
| <u>VAS-Q14R</u> | <u>VA0026565</u> | <u>Clintwood WWTP</u> | <u>001</u> | <u>Cranes Nest River</u> | <u>9.77</u> | <u>BOD5</u> | <u>30</u> | <u>KG/D</u> |
| <u>VAS-O06R</u> | <u>VA0026531</u> | <u>Wolf Creek Water Reclamation Facility</u> | <u>001</u> | <u>Wolf Creek</u> | <u>7.26</u> | <u>CBOD5</u> | <u>249.8</u> | <u>KG/D</u> |
| <u>VAS-P01R</u> | <u>VA0026298</u> | <u>Tazewell WWTP</u> | <u>001</u> | <u>Clinch River</u> | <u>346.26</u> | <u>CBOD5, JUN-NOV</u> | <u>76</u> | <u>KG/D</u> |
| <u>VAS-P03R</u> | <u>VA0021199</u> | <u>Richlands Regional WWTF</u> | <u>001</u> | <u>Clinch River</u> | <u>317.45</u> | <u>BOD5, JUN-NOV</u> | <u>273</u> | <u>KG/D</u> |
| <u>VAS-P06R</u> | <u>VA0020745</u> | <u>Lebanon WWTP</u> | <u>001</u> | <u>Big Cedar Creek</u> | <u>5.22</u> | <u>BOD5</u> | <u>91</u> | <u>KG/D</u> |
| <u>VAS-P11R</u> | <u>VA0077828</u> | <u>Coeburn Norton Wise Regional WWTP</u> | <u>001</u> | <u>Guest River</u> | <u>7.56</u> | <u>CBOD5, JUN-NOV</u> | <u>303</u> | <u>KG/D</u> |
| | | | | | | <u>CBOD5, DEC-MAY</u> | <u>379</u> | <u>KG/D</u> |
| <u>VAS-P15R</u> | <u>VA0029564</u> | <u>Duffield Industrial Park WWTP</u> | <u>001</u> | <u>North Fork Clinch River</u> | <u>21.02</u> | <u>BOD5</u> | <u>36</u> | <u>KG/D</u> |
| <u>VAS-P17R</u> | <u>VA0020940</u> | <u>Big Stone Gap Regional WWTP</u> | <u>001</u> | <u>Powell River</u> | <u>177.38</u> | <u>CBOD5, JUN-NOV</u> | <u>110</u> | <u>KG/D</u> |

Certified True and Accurate: _____
 Robert G. Burnley, Director, DEQ

Date: _____