

APPENDIX V

| Land Treatment - Conservation Buffers | | | |
|--|----------------------|--|--------------------------------|
| | Field Borders (feet) | Streambank / Shoreline Protection (feet) | Riparian Forest Buffer (acres) |
| FY 2001 | 1000 | 4000 | 1 |
| FY 2002 | | | |
| FY 2003 | | 600 | 15 |
| FY 2004 | | 11300 | 1 |
| FY 2005 | | 25500 | |

Table A5-1a. Land Treatment Conservation Practices (Conservation Buffers), in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Erosion Control | | |
|------------------------|-----------------------------|--|
| | Est. soil saved (tons/year) | Land Treated with erosion control measures (acres) |
| FY 2001 | 3924 | 169 |
| FY 2002 | 7766 | 501 |
| FY 2003 | 8529 | 646 |
| FY 2004 | | |
| FY 2005 | | |

Table A5-1b. Erosion Control Conservation Practices, in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Nutrient Management | | | | |
|----------------------------|---------------------------|-----------------------------------|--|-----------------------|
| | Waste Utilization (acres) | AFO Nutrient Mgmt Applied (acres) | Non-AFO Nutrient Mgmt. Applied (acres) | Total Applied (acres) |
| FY 2001 | | 86 | 1881 | 1967 |
| FY 2002 | | | 1832 | 1832 |
| FY 2003 | | | 2004 | 2004 |
| FY 2004 | | 1064 | | 1064 |
| FY 2005 | 163 | 3915 | | 4078 |

Table A5-1c. Nutrient Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Comprehensive Nutrient Mgmt Plans | | | |
|--|--|--|--|
| | Planned Comprehensive Nutrient Mgmt Plans (number) | Applied Comprehensive Nutrient Mgmt Plans (number) | Total Comprehensive Nutrient Mgmt Plans (number) |
| FY 2001 | | | |
| FY 2002 | | | |
| FY 2003 | 1 | 1 | 2 |
| FY 2004 | | | |
| FY 2005 | | | |

Table A5-1d. Comprehensive Nutrient Management plans, Conservation Practices in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Pest Management | | |
|------------------------|--------------------------------|-------------------------------|
| | Pest Mgmt. Systems (number) | Pest Mgmt. Systems (acres) |
| FY 2001 | 30 | 1982 |
| FY 2002 | | 1943 |
| FY 2003 | | 1912 |
| FY 2004 | | 1147 |
| FY 2005 | | 3871 |

Table A5-1e. Pest Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Grazing / Forages | | | | | |
|--------------------------|-------------------------------|----------------------------------|-------------------|---|--|
| | Prescribed Grazing (acres) | Prescribed Grazing (acres) | Fencing (feet) | Heavy Use Area Protection (acres) | Pasture and Hay Planting (acres) |
| FY 2001 | 1119 | | | | |
| FY 2002 | | 1434 | | | |
| FY 2003 | | 1315 | | | |
| FY 2004 | | 2163 | 38747 | 151 | 164 |
| FY 2005 | 1234 | 1865 | 60685 | 1 | 466 |

Table A5-1f. Grazing/Forages Conservation Practices in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Tree & Shrub Practices | | | | |
|-----------------------------------|--|-----------------------------------|---|-----------------------|
| | Land Improved through Forest Stand improvement (acres) | Total Tree & Shrub Estab. (acres) | Forestland Re-established or improved (acres) | Use Exclusion (acres) |
| FY 2001 | 775 | 40 | 815 | |
| FY 2002 | 978 | 37 | 1015 | |
| FY 2003 | 89 | 6 | 95 | |
| FY 2004 | 266 | | 266 | 1 |
| FY 2005 | 1723 | | 1723 | 6 |

Table A5-1g. Tree and Shrub Conservation Practices in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Land Treatment - Tillage & Cropping | | | | |
|--|---|--|------------------------------------|--------------------|
| | Residue Mgmt, No-till, Strip till (acres) | Tillage & Residue Mgmt Systems (acres) | Conservation Crop Rotation (acres) | Cover Crop (acres) |
| FY 2001 | | 7 | | |
| FY 2002 | | | | |
| FY 2003 | | | | |
| FY 2004 | | | 80 | |
| FY 2005 | 12 | 12 | 617 | 274 |

Table A5-1h. Land Treatment Conservation Practices (Tillage and Cropping), in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Waste Systems | | |
|----------------------|--------------------------------|--------------------------------|
| | Waste Systems Planned (number) | Waste Systems Applied (number) |
| FY 2001 | 4 | 5 |
| FY 2002 | | |
| FY 2003 | | |
| FY 2004 | | |
| FY 2005 | | |

Table A5-1i. Waste System Conservation Practices in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Waste Management Facilities | | | | |
|------------------------------------|---------------------------------|------------------------------|----------------------------|---------------------------|
| | Waste Storage Facility (number) | Composting Facility (number) | Waste Trt. Lagoon (number) | Total Facilities (number) |
| FY 2001 | 4 | 5 | | 9 |
| FY 2002 | | | | |
| FY 2003 | | 1 | | 1 |
| FY 2004 | | | | |
| FY 2005 | 1 | 1 | 1 | 3 |

Table A5-1j. Waste Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Wildlife Habitat Management | | | |
|------------------------------------|-----------------------------|------------------------------|---|
| | Upland Habitat Mgmt (acres) | Wetland Habitat Mgmt (acres) | Total Wildlife Habitat Mgmt Applied (acres) |
| FY 2001 | 1264 | 8 | 1272 |
| FY 2002 | 1451 | | 1451 |
| FY 2003 | 173 | 2 | 175 |
| FY 2004 | | | |
| FY 2005 | 1633 | | 1633 |

Table A5-1k. Wildlife Habitat Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| Water Supply | | | |
|---------------------|---------------|---------------|----------------------------|
| | Pipeline (ft) | Pond (number) | Watering Facility (number) |
| FY 2001 | | | |
| FY 2002 | | | |
| FY 2003 | | | |
| FY 2004 | | 2 | 1 |
| FY 2005 | 6200 | 3 | 5 |

Table A5-1l. Water Supply Conservation Practices in Partnership with NRCS in the Tennessee Portion of the South Fork Cumberland River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2001 to 2005.

| COMMUNITY | AWARD DATE | AWARD AMOUNT |
|------------------|-------------------|---------------------|
| Sunbright | 6/25/91 | \$116,240 |

Table A5-2. Communities in the Tennessee Portion of the South Fork Cumberland River Watershed that have received Clean Water State Revolving Fund Grants or Loans since the inception of the program.

| PRACTICE | NRCS CODE | NUMBER OF BMPs |
|------------------------------|------------------|-----------------------|
| Unknown | 0 | 2 |
| Waste Management System | 312 | 2 |
| Waste Storage Facility | 313 | 1 |
| Composting Facility | 317 | 8 |
| Conservation Tillage | 329 | 11 |
| Critical Area Planting | 342 | 2 |
| Diversion | 362 | 2 |
| Pond | 378 | 38 |
| Fence | 382 | 10 |
| Acid Mine Reclamation | 454 | 9 |
| Use Exclusion | 472 | 14 |
| Pasture/Hay Planting | 512 | 70 |
| Prescribed Grazing | 528 | 1 |
| Mine Reclamation | 543 | 6 |
| Heavy Use Area | 561 | 23 |
| Spring Development | 574 | 2 |
| Stream Crossing | 578 | 6 |
| Streambank Protection | 580 | 1 |
| Watering Facility | 614 | 15 |
| Water/Sediment Control Basin | 638 | 1 |
| TOTAL BMPs | - | 224 |

Table A5-3. Best Management Practices Installed by Tennessee Department of Agriculture and Partners in the Tennessee Portion of the South Fork Cumberland River Watershed.