

APPENDIX V

| Land Treatment - Conservation Buffers | | | | |
|--|----------------------|---------------------|--|--------------------------------|
| | Field Borders (feet) | Filter Strip (feet) | Streambank / Shoreline Protection (feet) | Riparian Forest Buffer (acres) |
| FY 2001 | 10010 | | 5720 | 5 |
| FY 2002 | 600 | | 1800 | 2 |
| FY 2003 | 8930 | 3 | | 14 |
| FY 2004 | | | | 73 |
| FY 2005 | 1 | 3 | | 9 |

Table A5-1a. Land Treatment Conservation Practices (Conservation Buffers), in Partnership with NRCS in the Tennessee Portion of the Barren 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 | 18334 | 2133 |
| FY 2002 | 71902 | 5831 |
| FY 2003 | 21345 | 2379 |
| FY 2004 | | |
| FY 2005 | | |

Table A5-1b. Erosion Control Conservation Practices, in Partnership with NRCS in the Tennessee Portion of the Barren 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 | | 280 | 5649 | 5929 |
| FY 2002 | | 170 | 3936 | 4106 |
| FY 2003 | | 101 | 3118 | 3219 |
| FY 2004 | 178 | 4210 | | 4388 |
| FY 2005 | 11 | 4350 | | 4361 |

Table A5-1c. Nutrient Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Barren 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 | 4 | 4 | 8 |
| FY 2003 | | 2 | 2 |
| FY 2004 | | | |
| FY 2005 | | | |

Table A5-1d. Comprehensive Nutrient Management plans, Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Barren 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 (acres) |
| FY 2001 | 3683 |
| FY 2002 | 4826 |
| FY 2003 | 3345 |
| FY 2004 | 4225 |
| FY 2005 | 3839 |

Table A5-1e. Pest Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Barren 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) | Fencing (feet) | Heavy Use Area Protection (acres) | Pasture and Hay Planting (acres) |
| FY 2001 | 1112 | | | |
| FY 2002 | 125 | | | |
| FY 2003 | 500 | | | |
| FY 2004 | 3365 | 81600 | 2 | 683 |
| FY 2005 | 839 | 92530 | 1 | 148 |

Table A5-1f. Grazing/Forages Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Barren 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 Prepared for revegetation of Forest (acres) | Land Improved through Forest Stand improvement (acres) | Forestland Re-established or improved (acres) | Use Exclusion (acres) |
| FY 2001 | | 533 | 533 | |
| FY 2002 | | 856 | 856 | |
| FY 2003 | 52 | 697 | 697 | |
| FY 2004 | | 543 | 543 | |
| FY 2005 | | 455 | 455 | 287 |

Table A5-1g. Tree and Shrub Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Barren 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 | | | |
|--|--|------------------------------------|--------------------|
| | Tillage & Residue Mgmt Systems (acres) | Conservation Crop Rotation (acres) | Cover Crop (acres) |
| FY 2001 | 1035 | | |
| FY 2002 | 13 | | |
| FY 2003 | 199 | | |
| FY 2004 | 97 | 2664 | 2620 |
| FY 2005 | 375 | 2745 | 1976 |

Table A5-1h. Land Treatment Conservation Practices (Tillage and Cropping), in Partnership with NRCS in the Tennessee Portion of the Barren 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) | Total Facilities (number) |
| FY 2001 | | 1 | 1 |
| FY 2002 | 3 | 2 | 5 |
| FY 2003 | 1 | 1 | 2 |
| FY 2004 | 2 | 1 | 3 |
| FY 2005 | | 2 | 2 |

Table A5-1i. Waste Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Barren 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 | 543 | | 543 |
| FY 2002 | 1085 | 15 | 1100 |
| FY 2003 | 779 | | 779 |
| FY 2004 | 493 | | 493 |
| FY 2005 | 783 | | 783 |

Table A5-1j. Wildlife Habitat Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Barren 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 |
|---------------------|------------|--------------|
| Red Boiling Springs | 6/25/90 | \$2,672,056 |

Table A5-2. Communities in the Tennessee Portion of the Barren 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 |
|-------------------------------|-----------|----------------|
| Technical Assistance | 000 | 3 |
| Waste Storage Facility | 313 | 2 |
| Composting Facility | 317 | 1 |
| Critical Area Planting | 342 | 5 |
| Pond | 378 | 37 |
| Fence | 382 | 21 |
| Riparian Buffer | 391 | 1 |
| Filter Strip | 393 | 1 |
| Grade Stabilization Structure | 410 | 1 |
| Grassed Waterway | 412 | 5 |
| Hedgerow Planting | 422 | 1 |
| Use Exclusion | 472 | 11 |
| Pasture/Hay Planting | 512 | 47 |
| Pipeline | 516 | 7 |
| Prescribed Grazing | 528 | 1 |
| Heavy Use Area | 561 | 36 |
| Spring Development | 574 | 1 |
| Watering Facility | 614 | 13 |
| TOTAL BMPs | - | 194 |

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