

APPENDIX V

LAND TREATMENT – CONSERVATION BUFFERS				
	Field Borders (feet)	Filter Strip (feet)	Streambank / Shoreline Protection (feet)	Riparian Forest Buffer (acres)
FY 2002	9615	2	815	4
FY 2003	12000	4		4
FY 2005				32
FY 2006			75	7

Table A5-1a. Land Treatment Conservation Practices (Conservation Buffers), in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

EROSION CONTROL		
	Est. soil saved (tons/year)	Land Treated with erosion control measures (acres)
FY 2002	5118	655
FY 2003	3705	690

Table A5-1b. Erosion Control Conservation Practices, in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

NUTRIENT MANAGEMENT			
	AFO Nutrient Mgmt Applied (acres)	Non-AFO Nutrient Mgmt. Applied (acres)	Total Applied (acres)
FY 2002		1050	1050
FY 2003		2181	2181
FY 2004	1158		1158
FY 2005	339		339
FY 2006	1780		1780

Table A5-1c. Nutrient Management Conservation Practices in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

PEST MANAGEMENT	
	Pest Mgmt. Systems (acres)
FY 2002	515
FY 2003	1922
FY 2004	1158
FY 2005	544
FY 2006	1048

Table A5-1d. Pest Management Conservation Practices in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

GRAZING/FORAGES				
	Prescribed Grazing (acres)	Fencing (feet)	Heavy Use Area Protection (acres)	Pasture and Hay Planting (acres)
FY 2002	1277			
FY 2003	1539			
FY 2004	549			171
FY 2005	596	837		
FY 2006	68	36450	2	54

Table A5-1e. Grazing/Forages Conservation Practices in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

TREE AND SHRUB PRACTICES			
	Land Improved through Forest Stand improvement (acres)	Total Tree & Shrub Estab. (acres)	Forestland Re-established or improved (acres)
FY 2002	405	5	
FY 2003	355		
FY 2004	293		293
FY 2005	373		373
FY 2006	777		777

Table A5-1f. Tree and Shrub Conservation Practices in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

LAND TREATMENT – TILLAGE AND CROPPING					
	Residue Mgmt, No-till, Strip till (acres)	Residue Mgmt - Mulch Till (acres)	Tillage & Residue Mgmt Systems (acres)	Conservation Crop Rotation (acres)	Cover Crop (acres)
FY 2002	184	64	248		
FY 2003	405		405		
FY 2004	12		12	434	14
FY 2006	27	110	137	110	
FY 2006	371	274	645	456	37

Table A5-1g. Land Treatment Conservation Practices (Tillage and Cropping), in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

WETLANDS	
	Wetlands Created or Restored (acres)
FY 2002	2
FY 2003	5

Table A5-1h. Wetland Conservation Practices in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

WILDLIFE HABITAT MANAGEMENT			
	Upland Habitat Mgmt (acres)	Wetland Habitat Mgmt (acres)	Total Wildlife Habitat Mgmt Applied (acres)
FY 2003	675		675
FY 2004	216		216
FY 2005	687	14	701
FY 2006	700		700

Table A5-1i. Wildlife Habitat Management Conservation Practices in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

WATER SUPPLY		
	Pipeline (ft)	Watering Facility (number)
FY 2005		3
FY 2006	3450	9

Table A5-1j. Water Supply Conservation Practices in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

WASTE MANAGEMENT FACILITIES			
	Waste Storage Facility (number)	Composting Facility (number)	Total Facilities (number)
FY 2002	3	2	5

Table A5-1k. Waste management Conservation Practices in Partnership with NRCS in the Cheatham Lake Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

COMMUNITY	AWARD DATE	AWARD AMOUNT
Nashville	06/23/03	\$ 50,000,000
Nashville	06/29/04	\$ 50,000,000
Nashville	09/28/05	\$ 20,000,000
Hendersonville Utility District	06/29/04	\$ 2,040,000
Hendersonville Utility District	12/09/04	\$ 2,048,366
Hendersonville Utility District	03/17/06	\$ 109,694

Table A5-2. Communities in the Cheatham Lake Watershed that have received Clean Water State Revolving Fund Grants or Loans since the inception of the program.

PRACTICE	NRCS CODE	NUMBER OF BMPs
Critical Area Planting	342	2
Fence	382	11
Filter Strip	393	1
Grade Stabilization Structure	410	1
Use Exclusion	472	1
Pasture/Hay Planting	512	8
Prescribed Grazing	528	1
Heavy Use Area	561	1
Stream Crossing	576	1
Streambank/Shoreline Protection	580	2
Watering Facility	614	8
Total BMPs		37

Table A5-3. Best Management Practices Installed by Tennessee Department of Agriculture and Partners in the Cheatham Lake Watershed.

SITE ID	WATER BODY	YEAR
220040501	Mill Creek	2004
220040502	Mill Creek	2004
220011001	Mill Creek	2001
220011002	Mill Creek	2001
220030401	Mill Creek	2003
220030402	Mill Creek	2003
220050701	Mill Creek	2005
220052501	Mansker Creek	2005

Table A5-4. TWRA TADS Sampling Sites in Cheatham Lake Watershed.