

APPENDIX V

LAND TREATMENT – CONSERVATION BUFFERS					
	Contour Buffer Strips (acres)	Field Borders (feet)	Filter Strip (feet)	Streambank / Shoreline Protection (feet)	Riparian Forest Buffer (acres)
FY 2002	9	3000	7	20416	8
FY 2003	9	22800	7	7900	41
FY 2005			6	900	15
FY 2006		7020	4	2095	

Table A5-1a. Land Treatment Conservation Practices (Conservation Buffers), in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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	32663	2486
FY 2003	39702	3948

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

IRRIGATION MANAGEMENT		
	Est. Water Conserved (acre inches)	Irrigation Mgmt. Systems (acres)
FY 2002		14
FY 2003	2500	350

Table A5-1c. Irrigation Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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	1858	2665	4523
FY 2003	348	4182	4530
FY 2004	415		415
FY 2005	5644		5644
FY 2006	5478		5478

Table A5-d. Nutrient Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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	4542
FY 2003	5244
FY 2004	415
FY 2005	5834
FY 2006	5453

Table A5-1e. Pest Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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	3271			
FY 2003	2810			
FY 2004	1738	12110	1	27
FY 2005	3639	39746	50	57
FY 2006	674	46239	5	199

Table A5-1f. Grazing/Forages Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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)	Use Exclusion (acres)
FY 2002	694	43		
FY 2003	742			
FY 2004	662		662	
FY 2005	645		645	11
FY 2006	1680	1	1681	4

Table A5-1g. Tree and Shrub Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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)	Contour Farming (acres)	Cover Crop (acres)
FY 2002	471		471			
FY 2003	80		80			
FY 2004	78		78	387	54	129
FY 2005	483	38	521	1107	642	181
FY 2006	626	500	1126	1200	395	177

Table A5-1h. Land Treatment Conservation Practices (Tillage and Cropping), in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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	1
FY 2003	39

Table A5-1i. Wetland Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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	1586	35	1621
FY 2004	754		754
FY 2005	723		723
FY 2006	1286		1286

Table A5-1j. Wildlife Habitat Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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)	Pond (number)	Watering Facility (number)
FY 2004	10897		12
FY 2005	23,963	1	34
FY 2006	24248	2	23

Table A5-1k. Water Supply Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Nolichucky River 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	6	1	7
FY 2003	1		1

Table A5-1l. Waste Management Conservation Practices in Partnership with NRCS in the Tennessee Portion of the Nolichucky River Watershed. Data are from Performance & Results Measurement System (PRMS) for each fiscal year reporting period (October 1 through September 30) from 2002 to 2006.

PRACTICE	NRCS CODE	NUMBER OF BMPs
Waste Mgt. System for Dairy	312	2
Conservation Cover	327	1
Critical Area Planting	342	9
Pond for Rotational Grazing System	378	14
Fence	382	31
Pasture & Hayland Establishment	512	18
Pipeline	516	1
Pipeline	516	6
Pumping Plant-Water Control	533	1
Roof Runoff Management	558	2
Heavy Use Area	561	20
Spring Development	574	2
Stream Crossing	576	3
Limited Steam Access	578	1
Streambank/Shoreline Protection	580	13
Trough or Tank	614	56
Waste Utilization	633	2
Waste Utilization	634	1
Well	642	1
Total BMPs		184

Table A5-2. Best Management Practices Installed by Tennessee Department of Agriculture and Partners in the Tennessee Portion of the Nolichucky River Watershed.

TADS SITE ID	WATER BODY	YEAR
4199603301	Big Bald Creek	1996
4199603701	Big Branch	1996
4199204901	Briar Creek	1992
4199504201	Briar Creek	1995
4199603601	Briar Creek	1996
4199704201	Briar Creek	1997
419981601	Briar Creek	1998
4199900701	Briar Creek	1999
420001201	Briar Creek	2000
420011301	Briar Creek	2001
420024701	Briar Creek	2002
420032601	Briar Creek	2003
420042201	Briar Creek	2004
420052501	Briar Creek	2005
4199103801	Broad Shoal Creek	1991
420041701	Camp Creek	2004

Table A5-3a.

TADS SITE ID	WATER BODY	YEAR
420032201	Cassi Creek	2003
419981001	Cherokee Creek	1998
4199103701	Clark Creek	1991
4199305201	Clear Fork	1993
420031201	College Creek	2003
4199204801	Davis Creek	1992
420032001	Davis Creek	2003
4199900601	Devil Fork	1999
4199205101	Dry Creek	1992
4199704001	Dry Creek	1997
420051101	Gap Creek	2005
419980401	Goodwater Branch	1998
4199103601	Granny Lewis Creek	1991
4199103602	Granny Lewis Creek	1991
4199210601	Higgins Creek	1992
4199503901	Higgins Creek	1995
420031101	Holley Creek	2003
4199404901	Horse Creek	1994
4199204701	Jennings Creek	1992
419951001	Jockey Creek	1995
4199104001	Jones Branch	1991
4199704101	Longarm Branch	1997
419971401	Middle Creek	1997
4199603201	Mill Creek	1996
419980901	Nolichucky Creek	1998
419980902	Nolichucky Creek	1998
419980903	Nolichucky Creek	1998
419980904	Nolichucky Creek	1998
419980905	Nolichucky Creek	1998
419980906	Nolichucky Creek	1998
419980907	Nolichucky Creek	1998
419980908	Nolichucky Creek	1998
419980909	Nolichucky Creek	1998
419980910	Nolichucky Creek	1998
419980911	Nolichucky Creek	1998
419980912	Nolichucky Creek	1998
419980913	Nolichucky Creek	1998
419980914	Nolichucky Creek	1998
419980915	Nolichucky Creek	1998
419980916	Nolichucky Creek	1998
419980917	Nolichucky Creek	1998
419980918	Nolichucky Creek	1998
419980919	Nolichucky Creek	1998
419980920	Nolichucky Creek	1998

Table A5-3b.

TADS SITE ID	WATER BODY	YEAR
419980921	Nolichucky Creek	1998
419980922	Nolichucky Creek	1998
419980923	Nolichucky Creek	1998
419980924	Nolichucky Creek	1998
419980925	Nolichucky Creek	1998
419980926	Nolichucky Creek	1998
419980927	Nolichucky Creek	1998
419980928	Nolichucky Creek	1998
419980929	Nolichucky Creek	1998
419980930	Nolichucky Creek	1998
419980931	Nolichucky Creek	1998
420010608	Nolichucky Creek	2001
420010609	Nolichucky Creek	2001
420010612	Nolichucky Creek	2001
420010613	Nolichucky Creek	2001
420010614	Nolichucky Creek	2001
420010622	Nolichucky Creek	2001
420010625	Nolichucky Creek	2001
420010626	Nolichucky Creek	2001
420010630	Nolichucky Creek	2001
420010631	Nolichucky Creek	2001
4199405001	North Indian Creek	1994
4199504301	North Indian Creek	1995
420032701	North Indian Creek	2003
419980301	Oven Creek	1998
4199305301	Painter Creek	1993
4199603401	Ramsey Creek	1996
419981801	Red Fork	1998
4199504101	Rice Creek	1995
419971301	Richland Creek	1997
419981901	Right Prong Rock Creek	1998
4199103901	Rock Creek	1991
4199110201	Rocky Fork	1991
4199110202	Rocky Fork	1991
4199210201	Rocky Fork	1992
4199210202	Rocky Fork	1992
4199310401	Rocky Fork	1993
4199310402	Rocky Fork	1993
4199410301	Rocky Fork	1994
4199410302	Rocky Fork	1994
4199510501	Rocky Fork	1995
4199510502	Rocky Fork	1995
4199610301	Rocky Fork	1996
4199610302	Rocky Fork	1996

Table A5-3c.

TADS SITE ID	WATER BODY	YEAR
4199710301	Rocky Fork	1997
4199710302	Rocky Fork	1997
419982601	Rocky Fork	1998
419982602	Rocky Fork	1998
4199901401	Rocky Fork	1999
4199901402	Rocky Fork	1999
420001901	Rocky Fork	2000
420001902	Rocky Fork	2000
420011701	Rocky Fork	2001
420011702	Rocky Fork	2001
420025201	Rocky Fork	2002
420025202	Rocky Fork	2002
420033301	Rocky Fork	2003
420033302	Rocky Fork	2003
420043101	Rocky Fork	2004
420043102	Rocky Fork	2004
420053101	Rocky Fork	2005
420053102	Rocky Fork	2005
4199603501	Round Knob Branch	1996
420024401	Sams Creek	2002
4199104101	Sarvis Cove Creek	1991
420031701	Sarvis Cove Creek	2003
4199404801	Sill Branch	1994
419951101	South Indian Creek	1995
419951201	Spivey Creek	1995
4199104201	Squibb Creek	1991
420031501	Squibb Creek	2003
420031801	Straight Creek	2003
4199504001	Tumbling Creek	1995
4199205001	West Fork Dry Creek	1992

Table A5-3d.**Table A5-4a-d. TWRA TADS Sampling Sites in the Tennessee Portion of the Nolichucky River Watershed.**