Attachment 1 to 2012-13 MS4 annual report for Murfreesboro, Tennessee and MTSU
Question no. 2., Water Quality Priorities, lists of impaired waters and TMDL waters

B. If MS4 discharges into waters listed as impaired on most current 303(d) list and/or according to on-line GIS mapping tool, please attach a list of all impaired waters within your jurisdiction. C. If MS4 area includes any waterbodies where a TMDL has been approved for parameters other than pathogens, siltation and habitat alteration, please attach a list.

Waterbody I.D. #	**List of impaired waters per TDEC Proposed Final Year 2012 303(d) list**	**Cause/TMDL Priority**	**Is MS4 a source?**	**Approved TMDL Yes/No**	**MS4 Assigned to WLA Yes/No**	
					Yes/No	**Amount (reductions)**
TN05130203018_ 0100	Sinking Creek,5.5 miles	Alteration in stream-side or littoral vegetative cover/L	No	No	No	--
		Escherichia coli/na	Yes	Yes	Yes	75%
TN05130203018_ 2000	WF Stones River, 1.3 miles (u/s of I-840 to Sinking Creek)	Nitrate+Nitrite/M	No	No	No	--
“	“	Total phosphorus/M	No	No	No	--
“	“	Loss of biological integrity due to siltation/L	No	No	No	--
TN05130203018_ 3000	WF Stones River, 5.1 miles (Sinking Creek to Lytle Creek)	Loss of biological integrity due to siltation/L	Yes	No	No	--
TN05130203022_ 1000	Lytle Creek, 8.9 miles (mouth to Lees Spring Branch)	Alteration in stream-side or littoral vegetative cover/na	Yes	Yes	No	--
“	“	Loss of biological integrity due to siltation/na	Yes	Yes	Yes	38%
“	“	Escherichia coli/na	Yes	Yes	Yes	23%, lower 49%, mid 10%, upper
TN05130203022 – 0200	Lees Spring Branch, 1.1 miles (mouth to headwaters)	Alteration in stream-side or littoral vegetative cover/na	No	Yes	No	--
“	(A short section of stream is within Murfreesboro city limits.)	Loss of biological integrity due to siltation/na	No	Yes	No	--
TN05130203022 – 0100	Town Creek, 0.13 miles (unnamed trib to Lytle Creek)	Low dissolved oxygen/na	--	Yes	--	--
“	“	CBOD5	--	Yes	Yes	1061 lbs/yr
“	“	Nitrogen	--	Yes	Yes	534 lbs/yr
“	“	Total Phosphorous	--	Yes	Yes	113 lbs/yr
“	“	Escherichia coli/na	--	Yes	Yes	52%
TN05130203023_ 0310	Bear Branch, 3.5 miles (Dry Branch to headwaters)	Alteration in stream-side or littoral vegetative cover/na	No	Yes	No	--
“	“	Loss of biological integrity due to siltation/na	No	Yes	Yes	58%
“	“	Nutrients/na	No	Yes	--	--
“	“	Nitrogen/na	No	Yes	Yes	8019 lb/yr
“	“	Total Phosphorous/na	No	Yes	Yes	1699 lb/yr
TN05130203023 – 0210	Big Ditch, 0.37 miles (mouth to Lascassas Hwy. bridge)	Alteration in stream-side or littoral vegetative cover/na	Yes	Yes	No	--
“	“	Physical Substrate Habitat Alteration/na	Yes	Yes	No	--
“	“	Loss of biological integrity due to siltation/na	Yes	Yes	Yes	57%

Impaired waters data from TDEC’s Proposed Final Year 2012 303(d) List. Final TMDLs for Stones River Watershed include: a.) siltation and habitat alteration, 10/31/2002; b.) low dissolved oxygen and nutrients, 5/16/2008; and c.) E-coli, 6/19/2012.