

Management Area	Critical Area	Activity	General Comments	Priority (High, Medium, Low)	Comments
Wastewater Treatment Facilities - Evaluation of Maintenance & Expansion Needs	Individual WWTFs	Permit monitoring of effluent for bacteria	Generally met though some excursions are being addressed.		
	Individual WWTFs	Capital improvements or upgrades	Are any needed? If so, what?		
	Municipalities & Fort Hood	Expansion of facilities with future growth	Is this needed? Killeen Master Plan indicates WWTF needs met until at least 2039. What about Harker Height, Nolanville and Fort Hood?		
Municipal Sanitary Infrastructure (maintenance & practices to avoid illicit discharges)	Individual Municipalities & Fort Hood	Participation in TCEQ SSO Initiative	Requires development of an SSO plan. Killeen & Harker Heights participating. Should others?		
		Sewer line & lift station inspection & rehabilitation	WPP can support efforts to inspect & promote rehabilitation of cleaning and replacing lines		
		Investigation, tracking & clean up of illicit discharges	Reporting & Handling of SSO events - largely covered in SWMPs. Does this need improvement?		
		Sanitary sewer use requirements to reduce blockage from fats, oils, and grease	Covered by City Ordinances & Inspection Programs. Are these adequate or do these need strengthening?		
		Dry weather inspections	Part of IDDE program		
		Identification & removal illicit connections	Part of IDDE program		
		Education	Problems with SSOs often related to FOG issues but also other inappropriate items that can create blockages.		

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Maintenance of Service Lines (lines from individual homes to the main sewer collection line)	High density housing areas focus of several discussions	Education on how to keep from having a problem, but also problem identification & responsibility			
Good Housekeeping Practices for Urbanized Areas	Urbanized Areas	Maintenance of Lawn & Park Areas	Dog parks focus for pet waste?		
		Storm Drain Maintenance			
		Roadway Cleaning (street sweeping)			
Illegal Dumping	Trash Management	Creek Clean Ups, Hazardous Waste Pickups	Some already done, but are more needed and where?		
		Trash Tracking Programs	Better defining problem areas		
		Ordinances	Appear to be in place, but do they need strengthening?		
		Education	Signage at problem areas?		
	Dead Animal Disposal	Education	Guidance on what needs to be done		
On-Site Sewage Facilities (OSSFs)	Within Municipal Boundaries	Removal of OSSFs in annexed areas	Killeen STEP program, Harker Heights & Belton - grant programs?		
		Coordinate activities between municipalites & Bell County Health in addressing inadequate systems	Willingness to work together expressed at stakeholder meeting		
		Education on Maintenance	AgriLife education and outreach events to homeowners		
	Within the County (outside sewer service areas)	Education on Maintenance	For homeowners		
			For designers, installers, maintenance providers and sludge haulers		
		Education			

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Urban Storm Water Drainage (Practices to increase infiltration and/or redirect runoff)	Urbanized Areas	Promotion of greenspace and riparian buffers (setbacks)	Municipalities		
			Individual Landowners - Are there city ordinances in place that would allow setbacks or buffers along existing drainages by landowners?		
		Implementation of detention ponds, bioswales & wetlands	Bioswales - Interest from Nolanville, but what about other areas?		
		Promotion of Low Impact Development Practices (LID)			
Urban & Rural Storm Water Drainage	Focus on property owners, including municipalities, along the creek	Riparian Management Education	Texas Riparian & Stream Ecosystem Training		
	Targeted areas to be determined	Determine Target Areas			
		Implement Riparian Restoration or Enhancement			
Control of Dog Waste	Parks & Hiking Trails and also housing areas nearest the creek	Education	Part of MS4 education effort but should it be expanded?		
		Increase # dog waste stations	Municipalities have some. Are more needed?		
Roosting Grackles (or other birds)	Colonies of birds roost in power lines near Home Depot and the HEB along Trimmier Road in Killeen in Little Nolan watershed	Decrease attractiveness of area to roosting			
		Survey of bird densities to evaluate			

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Swallows Nesting under Bridges	Bridge Crossing with high densities of nesting birds	If populations of sufficient density, work with TxDOT to explore deterrent options			
Livestock Management	Primarily rural livestock producers, but also need to target those with livestock in urban areas that have been annexed	Water Quality Management Plans	TSSWCB, SWCDs, & NRCS		
		Education	Lone Star Healthy Streams Program		
Horse Management	Horse owners often on smaller acreages; stables/boarding facilities	Educational Workshops	Horses often considered "pets" rather than livestock. Are efforts specifically addressing horses needed?		
		Water Quality Management Plans			
Feral Hogs	Mainly along riparian corridor in rural areas, but also noted within City of Harker Heights	Education	Texas Wildlife Service Wild Pig Management workshops (branch of Texas AgriLife)		
		Management options	Hogs for a Cause (option)		
Wildlife Management (deer & small mammals)	Mainly along riparian corridor in rural areas, but also may be a problem in urban areas if food sources are available	Monitor	Not considered a major problem		
		Educational efforts discouraging feeding small mammals			
Promoting Safe Recreational Use	Parks within Belton & Kayaking Stretches of the Creek (Backstrom crossing downstream)	Signage	Largely covered by City of Belton but is this needed elsewhere in the watershed?		
		Educational Outreach			
	Parks where waterfowl	Signage	Largely covered by City of Belton but		

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Reduce Bird Feeding	congregate (mainly in Belton ?)	City Ordinances?	is this needed elsewhere in the watershed?		
		Educational Outreach			
Management of Waterfowl Population	Parks where waterfowl congregate (mainly in Belton ?)	Survey populations	Does this need to occur & if so, where?		
		Removal & egg oiling of non-native urban waterfowl, if populations over carrying capacity			
Hike & Bike Trails	Current and future trails	Coordinate WPP activities			
		Pet Waste Stations			
		Riparian Buffers			
		Education with Signage			
Flood Plain Management Efforts	Riparian and flood plain areas throughout including flood control reservoirs	Coordinate WPP activities	CTCOG Flood Plain Protection Planning Study (on-going)		
		Assessment & Rehabilitation, as needed, Flood Control Reservoirs	Some already occurring and others in need (WCID 6)		
Entire Watershed	Entire Watershed	Coordination of WPP Implementation including Educational Outreach & Monitoring	Watershed Coordinator needed to coordinate activities of the WPP? If so, how will that person be supported and housed?		
Monitoring to Refine Source Identification	Upper portion of watershed within Municipalities	Bacteria or Microbial Source Tracking to define Prominent Sources (Human vs Nonhuman or more refined)	To be used for adaptive management in refining prioritization of management measures within WPP. Separate instream monitoring will address tracking trends for improvements.		

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Your responses mainly represent what area of the watershed?

Killeen
 Fort Hood
 Harker Heights
 Nolanville
 Rural
 Belton
 Overall

Please Add Additional Comments or Activities: