

Wastewater Management Measures

Potential Management Measures	Description	Potential Responsible Parties
Voluntary bacteria or nutrient concentration reduction	Facilities voluntarily commit to reducing concentrations in permitted discharges by a certain percentage.	Wastewater operators
Explore or implement nonpotable wastewater reuse (purple pipe)	Divert some percentage of treated effluent to nonpotable reuse purposes	Wastewater operators, municipalities, TCEQ
Install updated treatment technologies	As funding permits install updated secondary or tertiary treatment technologies to reduce nutrient/BOD and other constituent concentrations	Wastewater operators, municipalities
Collection system smoke testing	Identify points of inflow and infiltration within the collection system. Repair and replace infrastructure as needed and funding allows.	Wastewater operators, municipalities
Collection system education	Develop and deliver education programs and materials to customers about proper use and maintenance of sewer drains. For example – do not use clean outs for property drainage, have drain pipes inspected for root damage and replaced as needed.	Wastewater operators, municipalities, AgriLife Extension
Fats, Oils, and Greases Education	Develop and deliver education materials about the damages caused by FOGs and other substances (wipes) to the collection system	Wastewater operators, municipalities, AgriLife Extension
Decommission OSSFs near existing mains	Areas of high OSSF concentration near existing infrastructure might be suitable for decommission and connection to WWTF. Requires prioritization of suitable areas and buy in from local landowners.	Homeowners, Wastewater operators, municipalities
SSO Initiative	A voluntary program from TCEQ that initiates an effort to address an increase in SSOs due to aging collection systems throughout the state and encourages corrective action before there is harm to human health and safety or the environment	Permitted facilities and subscribers

Urban Stormwater Management Measures

Potential Management Measures	Description	Potential Responsible Parties
Install stormwater BMP demonstration projects	Install xx number of stormwater BMP demonstration projects (rainbarrels, rain gardens, pervious pavement, etc.) with signage to reduce/treat stormwater runoff and educate citizens	Municipalities, AgriLife Extension, SARA, contractors
Riparian habitat restoration	Identify priority areas for riparian habitat restoration and secure funding for restoration projects	SARA, municipalities
Green stormwater infrastructure workshops	Workshops to educate citizens on stormwater best management practices they can implement on their own property (rain barrels, rain gardens, nutrient/fertilizer management, native plant landscaping, etc.)	SARA, AgriLife Extension
Pet waste management	Expand pet waste station availability in public areas, expand education efforts to pick up after pets	Municipalities, HOAs and pet owners
Stormdrain signage	Stencil/mark stormdrains with artwork to indicate that they drain to Cibolo Creek	Municipalities, SARA, AgriLife Extension
Stream clean up events	Hold clean up events to educate citizens about Cibolo Creek and increase stewardship	SARA, AgriLife Extension
Volunteer water-quality monitoring	Implement and expand volunteer stream water quality monitoring in the watershed	SARA, AgriLife Extension, Meadows Center
Hazardous Waste Collection Events		