

Year 4: Status of Gilleland Creek I-Plan Activities

Stakeholders met in April 2015 to discuss and evaluate the progress of I-Plan implementation. The following tables summarize the status of activities for each measure described in the I-Plan

Management Measure 1 On-Site Sewage Facilities

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
Travis County, COA, TCEQ	<ul style="list-style-type: none"> Inspect up to 25% of the OSSF systems 	<ul style="list-style-type: none"> # systems inspected # malfunctioning systems repaired Load reduction based on # of failing systems corrected 	<ul style="list-style-type: none"> COA: Researched the number of active OSSFs in the study area. The number of known OSSFs in the Gilliland Creek Watershed that are under the City of Austin's jurisdiction for OSSFs was reduced from 68 to 42. This was the result of taking a closer look at the data and determining that some of these systems were outside the City's jurisdiction, had been abandoned, or had connected to a centralized wastewater collection system. Inspected 20 systems. Eighteen OSSFs appeared to be in good working condition. One OSSF is currently under enforcement is scheduled to have its water meter removed by April 24th if they fail to comply. One OSSF is in the process of being properly abandonment as a direct result of the study. One new OSSF system had been installed to replace a failing OSSF.
Travis County, COA, TCEQ, LCRA	<ul style="list-style-type: none"> Provide educational materials to OSSF owners. Three existing LCRA educational booklets are available for distribution by Travis County and COA. Travis County and COA will mail the booklet to OSSF owners with their permits or as a separate, direct mail out or as needed 	<ul style="list-style-type: none"> # of materials distributed 	<ul style="list-style-type: none"> COA: Mailed 29 property owners (69% of known systems) notifying them of the study and a potential site inspection.
Travis County, COA, TCEQ	<ul style="list-style-type: none"> Provide status reports to stakeholder entity at a yearly meeting hosted by TCEQ. Status report to include number of OSSFs inspected, and the number of malfunctioning OSSFs repaired or replaced 	<ul style="list-style-type: none"> # of sustained partners and stakeholders participating # new stakeholders and partners participating # partners presenting information 	<ul style="list-style-type: none"> Meeting 04/28/2015 All original stakeholders and partners participated. No new partners.

Management Measure 2 Natural Resource

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
LCRA Creekside Conservation Program, landowners	<ul style="list-style-type: none"> Interested landowner contacts local NRCS office Conservation plan is developed and implemented on participating landowners' property LCRA, NRCS, and SWCD evaluate the project potential and selects projects for matching funds Conduct Landowner Field Day if needed 	<ul style="list-style-type: none"> # of landowners contacting LCRA/NRCS # of landowner conservation plans developed Amount of cost-share spent to implement specific BMPs # of acres covered by conservation plans Bacteria loading reduction based on completion of BMP implementation planned in Year 3 # of people participating in Field Day # of landowners interested in participating in technical and financial assistance programs based on field day 	<ul style="list-style-type: none">
USFWS-Partners for Fish and Wildlife	<ul style="list-style-type: none"> USFWS reviews projects 	<ul style="list-style-type: none"> # of acres with completed projects Bacteria loading reduction based on project Amount of landowner funds for projects Amount of matching funds provided 	<ul style="list-style-type: none">
TSSWCB, SWCD, NRCS, landowners	<ul style="list-style-type: none"> Interested landowner contacts local SWCD office WQMPs developed and implemented on landowners' properties SWCD, TSSWCB, and NRCS evaluate the specific BMPs to be implemented and recommends to landowner appropriate state or federal cost-share assistance programs Status reviews conducted to ensure that landowners implement BMPs as specified and agreed to in the WQMP implementation schedule 	<ul style="list-style-type: none"> # of landowners contacting SWCD # of WQMPs developed and certified Amount of cost-share spent to implement specific BMPs # acres covered by WQMPs Bacteria loading reduction based on completion of BMP implementation planned in Year 3 Status reviews conducted and follow-up assistance needs documented 	<ul style="list-style-type: none"> No landowners in the watershed contacted TSSWCB/SWCD for planning assistance.
TPWD	<ul style="list-style-type: none"> Landowner conducts surveys of species of interest 	<ul style="list-style-type: none"> # of surveys completed 	<ul style="list-style-type: none"> Staff position was lost due to layoffs.
TWS Feral Hog Abatement Program	<ul style="list-style-type: none"> Landowner contacts TWS TWS develops plan with landowner TWS conducts direct feral hog control 	<ul style="list-style-type: none"> # of landowners contacting TWS # of plans developed with landowners # of feral hogs removed from the watershed Bacteria loading reduction based on feral hogs removed in Year 3 	<ul style="list-style-type: none"> Feral Hog Educational efforts, numerous workshops, social media (Wild Wonderings blog posts, feral hog mgmt iphone app, new youtube videos, Facebook, Twitter, online feral hog reporting system).
City of Pflugerville	<ul style="list-style-type: none"> Increase street sweeping as funding becomes available Land in the riparian zone acquired if funding allows 	<ul style="list-style-type: none"> Additional street sweeping near creeks and riparian zones within the City of Pflugerville Acres of land acquired 	<ul style="list-style-type: none"> Increased street sweeping budget from \$20K to \$50K Riparian zone acquired in 2012.
Texas AgriLife Extension Service	<ul style="list-style-type: none"> Delivery of LSHS-Grazing Cattle curriculum Delivery of LSHS-Horses curriculum Delivery of LSHS-Feral Hog curriculum 	<ul style="list-style-type: none"> # of landowners participating in LSHS workshops Documented change in BMP adoption rates based on pre- and post-surveys conducted at LSHS workshops 	<ul style="list-style-type: none">
TSSWCB, SWCD, NRCS, LCRA Creekside Conservation Program, USFWS-Partners for Fish and Wildlife, TPWD, TWS, TPL, City of Pflugerville, AgriLife, TCEQ	<ul style="list-style-type: none"> Provide status reports to stakeholders at a yearly meeting 	<ul style="list-style-type: none"> # of sustained partners and stakeholders participating # new stakeholders and partners participating # partners presenting information 	<ul style="list-style-type: none"> Meeting 04/28/2015 All original stakeholders and partners participated. No new partners.

Management Measure 3 Storm Water

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
All stakeholders	<ul style="list-style-type: none"> Review final report to assess if this management measure should be implemented throughout the Gilleland Creek Watershed 	<ul style="list-style-type: none"> Decisions reached about possibly retrofitting existing detention facilities in the watershed 	<ul style="list-style-type: none"> Funding limitations.

Management Measure 4 Education and Outreach (Pet Waste)

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
LCRA CRWN	<ul style="list-style-type: none"> Volunteer monitoring 	<ul style="list-style-type: none"> # of bacteria results collected value of volunteer time 	<ul style="list-style-type: none"> Volunteer monitors collected 66 data points, contributed 74.91 hours of monitoring, and 1,012 miles of driving.
LCRA CRWN, COA, City of Pflugerville, City of Round Rock, Travis County, TCEQ	<ul style="list-style-type: none"> Evaluation effectiveness of implementation and make appropriate adjustments 	<ul style="list-style-type: none"> # of partners continuing to participate # of adaptive management recommendations 	<ul style="list-style-type: none"> Pflugerville: continues to participate, evaluate SOPs yearly for municipal operations. COA: provides education and outreach regarding the Scoop the Poop program via partnership with Austin Pets Alive, Animal Trustees of Austin, EmanciPet, and the Austin Humane Society. Provides education with neighborhood groups upon request. Hosts website which contains educational information and tools at scoopthepoopaustin.org.

Management Measure 5 Ordinance and Planning

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
COA, City of Round Rock, City of Pflugerville, Travis County	<ul style="list-style-type: none"> Present ordinance and seek approval from appointed officials 	<ul style="list-style-type: none"> # of ordinances approved by local governments 	<ul style="list-style-type: none"> COA: continues with stakeholder meetings to plan and implement sustainable stormwater management processes. We are currently hosting a monthly stakeholder meeting, the Green Infrastructure Working Group. Pflugerville: Pollution Prevention Ordinances, construction sites are required to revegetate after disturbance. The Stormwater Pollution Prevention Ordinance was approved in 2011 and is currently being implemented. COP does not have a formal recognition program, but does acknowledge contractors who perform well.
COA, City of Round Rock, City of Pflugerville, Travis County, TCEQ	<ul style="list-style-type: none"> Provide status reports to stakeholder entity at a yearly meeting hosted by TCEQ 	<ul style="list-style-type: none"> # of sustained partners and stakeholders participating # new stakeholders and partners participating # partners presenting information 	<ul style="list-style-type: none"> Meeting 04/28/2015 All original stakeholders and partners participated. No new partners.

Management Measure 6 Wastewater Treatment Facilities

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
COA, City of Pflugerville, Dessau Fountain Estates, Windermere Utilities	<ul style="list-style-type: none"> • WWTFs will inspect the collection systems within 100 ft of the creek and tributaries, complete inspection report form and repair systems where failures identified 	<ul style="list-style-type: none"> • # collection systems miles inspected • # of failures identified and repaired • loading reductions based on repairs • reports submitted to TCEQ TMDL staff 	<ul style="list-style-type: none"> • Pflugerville: 2.2 miles inspected, zero failures identified, no repairs. • Windermere: 1.4 miles inspected, zero failures identified, no repairs.
COA, City of Pflugerville, Dessau Fountain Estates, Windermere Utilities	<ul style="list-style-type: none"> • GPS coordinates of collection system components are added to available GIS layers 	<ul style="list-style-type: none"> • # components with GPS coordinates 	<ul style="list-style-type: none"> • Pflugerville: 1,429 Waste Water Componentes (approx. 64.5 miles) for GIS. • Windermere: all manholes and collection system lines available by GPS.
Interested WWTF- possibly to include COA, City of Pflugerville, Dessau Fountain Estates, Windermere Utilities	<ul style="list-style-type: none"> • Collection systems join TCEQ's SSO Initiative 	<ul style="list-style-type: none"> • # of WWTF entering into agreements with TCEQ through the SSO Initiative • decrease in the number of SSOs 	<ul style="list-style-type: none"> • No WWTFs entered into SSO agreements. • COA: Two large plants are included in the SSO Initiative. Trying to modify the initiative to include smaller plants in the Gilleland Creek basin. • Windermere: zero SSOs in the past 12 months.
COA, City of Pflugerville, Dessau Fountain Estates, Windermere Utilities, TCEQ	<ul style="list-style-type: none"> • Provide status reports to stakeholder entity at a yearly meeting hosted by TCEQ • Inserts of flyers distributed to utility customers 	<ul style="list-style-type: none"> • # of sustained partners and stakeholders participating • # new stakeholders and partners participating • # partners presenting information • # of educational materials distributed 	<ul style="list-style-type: none"> • Meeting 04/28/2015 • All original stakeholders and partners participated. • No new partners. • Windermere: oil and grease flyers distributed to customers via monthly bill inserts.

Control Action 1 Wastewater Treatment Facilities

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
COA, City of Pflugerville, Windermere Utilities, TCEQ	<ul style="list-style-type: none"> • WWTFs to monitor effluent <i>E.coli</i> concentrations as required by their discharge permits and report monitoring results in DMRs to TCEQ 	<ul style="list-style-type: none"> • # of WWTF <i>E.coli</i> monitoring within permit limits • # of monthly DMRs submitted to TCEQ • # operational changes made based on values that exceed monitoring limit • load values reduced based on operational changes 	<ul style="list-style-type: none"> • COA: 437 monitoring events within permit limits, 36 monthly DMRs submitted to TCEQ, 1 operational change made based on values that exceed monitoring limit. Operational changes include chlorination of filter media for better filter performance and filter adjustments. • Pflugerville: current on all TCEQ wastewater permits. • Windermere: monitoring 7 days/week, monthly DMRs submitted to TCEQ, 0 exceedances in past 7 years. • TCEQ: 1 self reporting violation which was resolved, all others had no missing data; 2 effluent compliance violations from all facilities within last year.
COA, City of Pflugerville, Windermere Utilities, TCEQ	<ul style="list-style-type: none"> • Provide status reports to stakeholder entity at a yearly meeting hosted by TCEQ 	<ul style="list-style-type: none"> • # of sustained partners and stakeholders participating • # new stakeholders and partners participating • # partners presenting information 	<ul style="list-style-type: none"> • Meeting 04/28/2015 • All original stakeholders and partners participated. • No new partners.