

Year 3: Status of Gilleland Creek I-Plan Activities

Stakeholders met in April 2014 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"> 25 of 63 (40%) systems inspected by COA. 1 malfunctioning system repaired, 1 in progress by COA.
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 amended City Code relating to OSSFs. COA distributed EPA SepticSmart door hangers to residents within the watershed. Austin Water provided free homeowner training on February 22, 2014.
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 04/07/2014 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 2 # 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"> No landowners in the watershed contacted LCRA for assistance.
USFWS-Partners for Fish and Wildlife	<ul style="list-style-type: none"> Landowners complete 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"> No landowners in the watershed contacted USFWS for conservation planning assistance. For more information http://www.fws.gov/southwest/es/arlingontexas/pfw.htm
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 2 Status reviews conducted and follow-up assistance needs documented 	<ul style="list-style-type: none"> No landowners in the watershed contacted TSSWCB or SWCD for technical assistance to develop WQMPs. No financial incentives were paid to landowners.
TPWD	<ul style="list-style-type: none"> WMP is approved by TPWD biologist, landowner conducts surveys 	<ul style="list-style-type: none"> # of landowner WMPs approved by TPWD # 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 2 	<ul style="list-style-type: none"> Presentation on feral hog biology and their watershed impacts was given in Austin (01/24/2013). Extensive outreach including social media, videos, mobile app, Wild Wonderings blog, and online reporting.
City of Pflugerville	<ul style="list-style-type: none"> Increase street sweeping as funding becomes available Land acquired in riparian zone as 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"> Street sweeping was not implemented due to lack of funding. No acres of land in the riparian zone were acquired during this reporting period.
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 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 04/07/2014

Management Measure Storm Water - Year 3

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
CRWR	<ul style="list-style-type: none"> Analyzes data and prepares report 	<ul style="list-style-type: none"> Final report and observations reported 	<ul style="list-style-type: none"> In 2013, CRWR was able to sample two storm events (May and July) <ul style="list-style-type: none"> <i>E. coli</i> concentration reductions between 70% and 90% from the inlet to the outlet of Pon Court test basin were seen after stormwater was held in the basin for 24 hours. The Copperhead Drive control basin did not show <i>E. coli</i> concentration reductions of this magnitude. Success in the removal of TKN, nitrate+nitrite, total phosphorus, dissolved phosphorus, and total suspended solids as a result of the installation of the modified outlet structure at Pon Court basin varied. Total suspended solids showed the greatest reduction from inlet to outlet in both the Pon Court and Copperhead Drive basins. CRWR worked in conjunction with TCEQ to amend the QAPP to allow grab sampling at the Pon Court outlet. This amendment went into effect as of October 2013 and allows for a wider sampling window. Other: <ul style="list-style-type: none"> GeoSyntec restored functionality of the gate valve system in late December 2013 after Halloween storms caused electronic components to fail. CRWR sampled a late February 2014 storm event and is awaiting sample results from the LCRA laboratory.
CRWR, TCEQ	<ul style="list-style-type: none"> Provide status reports to stakeholder entity 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 04/07/2014

Table A-4. Management Measure 4 Education and Outreach (Pet Waste) - Year 3

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"> In 2013, volunteers collected monitoring data 50 times for a total of 65 hours. Since 2008, 342 monitoring events (458 volunteer hours) have been documented.

Responsible Parties	Implementation Measure	Implementation Milestones	Current Status
City of Pflugerville and Travis County	<ul style="list-style-type: none"> • Install additional mutt mitt and waste containers as needed • Waste receptacles and signage at pilot parks 	<ul style="list-style-type: none"> • # of mutt mitt, waste receptacles and signs installed • matching funds provided by partners 	<ul style="list-style-type: none"> • City of Round Rock installed five Pet Waste Stations this year. There are now 66 stations throughout the City. • 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. We also provide education with neighborhood groups upon request. We host a website which contains educational information and tools at scoopthepoopaustin.org. • As of September 2012, Pflugerville has 87 pet waste stations.
LCRA, COA, City of Pflugerville, City of Round Rock and Travis County	<ul style="list-style-type: none"> • Educational campaign utilizing partner resources 	<ul style="list-style-type: none"> • # signs, brochures, and educational events 	<ul style="list-style-type: none"> • City of Round Rock distributed 900 brochures, ran 2 utility bill inserts that reached 30,000 customers and saw a 10% increase in web page traffic.
LCRA, COA, City of Pflugerville, City of Round Rock and Travis County	<ul style="list-style-type: none"> • Evaluation of park users to determine if behaviors changed 	<ul style="list-style-type: none"> • Load reductions values based on percentage of people collecting pet waste compared to pre-education campaign • Completion of post-park user survey 	<ul style="list-style-type: none"> • City of Round Rock Survey completed in Year 2. • Dog park was built in new development (Falcon Pointe, Pflugerville). • Due to staff change, park survey was not completed in year 3, may not be pursued in future given staff availability (Pflugerville).
LCRA CRWN, COA, City of Pflugerville, City of Round Rock, 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 04/07/2014 • All original stakeholders and partners participated. • No new partners.

Table A-5. Management Measure 5 Ordinance and Planning - Year 3

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"> • Austin City Council approved the Watershed Protection Ordinance 11/8/2013. • Pflugerville Stormwater Ordinance was adopted December 2012. • 07/2011 City of Round Rock adopted revised Design and Construction Standards for ESC controls. • Effective February 4, 2014, Travis County Commissioners approved amendments to the Title 30, the Joint Travis County/City of Austin Subdivision Regulations. One of the principal effects of these amendments was to expand waterway setbacks that apply to the Gilleland Creek watershed to new subdivision development. Prior to the action by the Court, expanded waterway setbacks for the watershed had only applied to non-subdivision development.
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 04/07/2014 • All original stakeholders and partners participated. • No new partners.

Table A-6. Management Measure 6 Wastewater Treatment Facility - Year 3

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: 3.6 miles inspected, 3 failures identified (zero reductions, all I&I) • Dessau: no longer has a WWTF, tied directly to COA. • Windermere: 1.4 miles inspected, 0 failures identified
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"> • Windermere: all manholes and collection system lines
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"> • Windermere: 1 SSO due to excessive rainfall
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 04/07/2014

Table A-7. Control Action 1 Wastewater Treatment Facilities - Year 3

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"> • Pflugerville: completed weekly monitoring and submitted monthly DMRs. No changes made. • Windermere: completed monitoring 5 days/week, 0 permit exceedances in past 6 years, submitted monthly DMRs. No limits exceeded.
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 04/07/2014 • All original stakeholders and partners participated. • No new partners.