

Austin Area Watersheds: TMDL Implementation Status 2024 (Year 9)

Date of Status Report: 09/25/2025

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Responsible Parties Abbreviations

ANC - Austin Neighborhoods Council

APF - Austin Parks Foundation

COA WPD - City of Austin Watershed Protection Department

LCRA - Lower Colorado River Authority

PARD - Austin Parks and Recreation Department

UTA - University of Teas at Austin

UTA-CPC - UTA Capital Planning and Construction Department

UTA-EHS - UTA Environmental Health and Safety Department

UTA-FS - UTA Facilities Service Department

UTA-PMCS - UTA Project Management and Construction Services Department

UTA-UEM - UTA Utilities and Energy Management Department

TCEQ - Texas Commission on Environmental Quality

TPWD - Texas Parks and Wildlife Department

TSSWCB - Texas State Soil and Water Conservation Board

WGC - Waterloo Greenway Conservancy

WWTFs - Wastewater Treatment Facilities

Management Measures

Management Measure 1: Resident Outreach

Responsible Party	Implementation Measure	Implementation Milestone	Status
ANC	1.1. ANC Educational Outreach Meetings	Years 1 through 5: <ul style="list-style-type: none"> Invite COA WPD staff to brief the citywide general meeting and each sector (or groups of sectors) once per year. 	<ul style="list-style-type: none"> No status update was provided by ANC at this time COA WPD hosted 18 public outreach events about Stop the Blob! (Fats, Oils, and Grease Education)

TMDL Implementation Status for Nine TMDLs for Indicator Bacteria in Four Austin Streams

Responsible Party	Implementation Measure	Implementation Milestone	Status
ANC	1.2. ANC Newsletter Educational Outreach	Years 1 through 5: <ul style="list-style-type: none"> • Request COA (City of Austin) staff to provide articles once per year. 	<ul style="list-style-type: none"> • No status update was provided by ANC at this time • COA WPD provided 171 mailouts to pet-friendly business • COA WPD provided 90 mailouts to pet-friendly apartments • COA WPD provided door hangers/flyers to 7 apartment complexes after grease related SSO incidents about proper disposal
PODER	1.3 PONDER Educational Outreach	Years 1 through 5: <ul style="list-style-type: none"> • Request annual briefings by COA WPD staff on COA environmental programs and ways citizens may help reduce fecal contamination • Distribute updates at the HABLA and La Raza Roundtable meetings annually. • Provide links on the PODER website regarding the Austin bacteria TMDL I-Plan and other available recourses. 	<ul style="list-style-type: none"> • No status update was provided by PODER at this time • COA WPD provided education door hangers/flyers to 7 apartment complexes about proper grease disposal after grease related SSO incidents were reported • Earth Camp or Earth School was offered at 100% AISD Elementary Schools
WGC	<u>1.4</u> Waterloo Greenway Conservancy Educational Outreach and Programming	<u>Year 1</u> <ul style="list-style-type: none"> • Develop outreach strategy and materials/content. <u>Years 2 through 5:</u> <ul style="list-style-type: none"> • Distribute digital content twice a year and host one environmentally focused event per year. 	<ul style="list-style-type: none"> • Held at least one educational outreach or programming event between the months of March - November that was environment or watershed related.
APF	<u>1.5</u> APF: Riparian and Scoop-the-Poop Education	<u>Years 1 through 5:</u> <ul style="list-style-type: none"> ▪ Provide educational materials incorporating riparian and Scoop-the-Poop messaging into volunteer workdays and annual meetings 	<ul style="list-style-type: none"> ▪ APF hosted 279 volunteer projects <ul style="list-style-type: none"> ○ Riparian and Scoop-the-Poop themes are tied into volunteer projects at parks that have creeks or are in major watersheds ▪ COA provided 53 pet waste bag dispensers, and 2,244,000 pet waste bags were provided to PARD

Management Measure 2: LCRA Volunteer Water Quality Monitoring

Responsible Party	Implementation Measure	Implementation Milestone	Status
LCRA	2. LCRA: Volunteer Water Quality Monitoring	<p><u>Years 1 through 5:</u></p> <ul style="list-style-type: none"> • Recruit, train, and support volunteers to conduct water quality monitoring in the four TMDL waterways. 	<ul style="list-style-type: none"> • LCRA held 3 CRWN training workshops throughout the past <ul style="list-style-type: none"> ○ The CRWN program continues to prioritize placing volunteers at sites along TMDL waterways in the Austin area.

Management Measure 3: UTA: Domestic Pet Waste

Responsible Party	Implementation Measure	Implementation Milestone	Status
UTA-EHS, UTA-FS	3. UTA: Domestic Pet Waste	<p><u>Years 1 through 5:</u></p> <ul style="list-style-type: none"> ▪ Continue ongoing weekly maintenance of the pet waster stations by restocking waste bag supply 	<ul style="list-style-type: none"> ▪ UT Grounds and Landscape maintains the stations on an as-needed basis with pet waste bags provided by UTA-EHS. ▪ UTA-EHS promotes public education about the responsibility of cleaning up after our pets using social media posts.

Management Measure 4: Stormwater Management Programs

Responsible Party	Implementation Measure	Implementation Milestone	Status
<p><u>Maintenance:</u> UTA-UEM</p> <p><u>Design:</u> UTA-EHS, UTA-PMCS, UTA-CPC</p>	<p><u>4.1.</u> UTA: Flood Control Projects</p>	<p><u>Years 1 through 5:</u></p> <ul style="list-style-type: none"> ▪ Maintain 100% of existing structures to engineered specifications ▪ Incorporate available flood control structures in 100% of applicable capital improvement projects. 	<ul style="list-style-type: none"> ▪ UT Austin operates and maintains seven flood control structures between Main Campus and PRC. Four detention basins are located on Main Campus at Disch Faulk Field (DFF), the Engineering Education and Research Center (EER), Robert Rowling Hall (RRH), and the Gary L. Thomas Energy Engineering Building (GLT). Three detention basins are located at PRC. ▪ 100% of detention structures are inspected by TUA-UEM. Maintenance is performed as required. New flood control structures are required for projects whose post development runoff rates present an adverse impact when compared to pre-development runoff rates.
<p>UTA-EHS, UTA-CPC, UTA-PMCS</p>	<p><u>4.2.</u>UTA: Water Quality Control Projects</p>	<p><u>Years 1 through 5:</u></p> <ul style="list-style-type: none"> ▪ Review projects for compliance with design standard to minimize stormwater pollution 	<ul style="list-style-type: none"> ▪ Eight campus projects reviewed over the last year were required to provide water quality control ▪ The Stormwater Management Design Criteria provides information to the PSP about water quality and drainage design; any project involving construction of impervious cover greater than 4,000 sf (including renovations) must provide water quality BMPs to mitigate increases in pollutant discharge. The scale of treatment required is directly related to the amount of impervious cover proposed by the project via a standard Water Quality Volume calculation (essentially equating to the full treatment capacity of the Austin area 2-year storm).

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UTA-FS	<u>4.3</u> UTA: Tree Protection Zones	<p><u>Years 1 through 5:</u></p> <ul style="list-style-type: none"> ▪ Analyze projects with outdoor disturbance for feasibility of implementation 	<ul style="list-style-type: none"> ▪ Over the last permit year, 4 of 8 major projects included dedicated VSPZs/tree protection zones. <ul style="list-style-type: none"> ○ Engineering Discovery Building (EDB): 3 live oaks, approximately 3,000 sf ○ Dobie Garage Demolition/Undergraduate School of business: 1 live oak approximately 425 sf (transplants) ○ Frank Erwin Center Demolition: 41 trees approximately 27,300 sf ○ Football Training Complex: 2 live oak approximately 2,300 sf (transplants)
UTA-EHS	<u>4.4</u> UTA: Bacteria Monitoring	<ul style="list-style-type: none"> ▪ Quarterly surface water samples at three locations along Waller Creek through the UT Austin main campus. 	<ul style="list-style-type: none"> ▪ On a quarterly basis, UTA-EHS monitors bacteria levels at 3 locations within Waller Creek. These locations were chosen to represent the water quality entering the campus MS4, in the center of campus, and exiting the campus. ▪ Data analysis over five years of <i>E. coli</i> monitoring has been inconclusive of both point source and seasonal trends. Faculty research supports two contributing factors <ul style="list-style-type: none"> ○ <u>25%-50% (and in extreme cases up to ~90%) of the creek's base flow comes from leaking municipal infrastructure</u> (both drinking-water and wastewater systems) ○ <u>Fecal indicator bacteria analysis often indicates human bacteria but rarely canine bacteria.</u>

Management Measure 5: Riparian Restoration

Responsible Party	Implementation Measure	Implementation Milestone	Status
APF	5.1. APF: Recruit Adopters for All Parks in the Watersheds	<u>Years 1-5:</u> <ul style="list-style-type: none"> ▪ Evaluate parks within the affected watersheds for Adopt-a-Park sponsorship 	<ul style="list-style-type: none"> ▪ There are currently 148 active Adopt-A-Park/Park Steward groups
APF	5.2. APF: Use Volunteers to Help Expand and Maintain Grow Zone Riparian Initiative	<u>Years 1 through 5:</u> <ul style="list-style-type: none"> ▪ Reach 100% of un-adopted parks within the affected watersheds to either or both programs ▪ Continue efforts to encourage expansion 	<ul style="list-style-type: none"> ▪ New adopter groups started at Dittmar Neighborhood Park, Heritage Oaks Neighborhood Park, Metz Neighborhood Park, Rosewood Neighborhood Park, Woolridge School Park and Ponciana Neighborhood Park.