The University of Texas at Austin
Environmental Health & Safety

Texas Pollutant Discharge Elimination System (TPDES)
MS4 Permit System Wide Annual Report

Reporting Period: September 1, 2023 - August 31, 2024

Prepared February 28, 2025 by Claire LeGrow, P.E.

Environmental Health and Safety

P.O. Box 303513 • AUSTIN, TX 78703 • 512-471-5767 • FAX 512-471-6918
www.ehs.utexas.edu

Texas Commission on Environmental Quality
Wastewater Permitting Section, MC-148
Storm Water & Pretreatment Team
P.O. Box 13087
Austin, TX 78711-3087

Re: MS4 System Wide Annual Report
The University of Texas at Austin
TPDES Permit No. WQ0004704000, EPA ID TXS000403

Dear Sir or Madam,

The University of Texas at Austin certifies the enclosed TPDES Annual Report for the reporting period of September 1, 2023, through August 31, 2024. This annual report reflects compliance with the TPDES permit which expired September 18, 2023. The permit renewal application was submitted in the spring of 2023. As of 2025, a new permit has not been issued by TCEQ. As required by this permit, the President of The University of Texas at Austin, being the delegated representative of the Board of Regents, has been apprised of the contents of the attached Annual Report.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for allowing violations.

If you have any questions regarding the University's compliance reporting or the information contained within this report please contact our office at (512) 471-3511.

Sincerely,

Irezama Anderson

Irezama (Nena) Anderson
Director, Environmental, Health and Safety

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I. Introduction

Since 1999, The University of Texas at Austin has been a regulated Phase 1 Municipal Separate Storm Sewer System (MS4) under the National Pollutant Discharge Elimination System (NPDES) permit issued by the Environmental Protection Agency (EPA). Initially, the University was a co-permittee with the City of Austin due to its location and prominence within the City's MS4 boundaries. In 2005, when the permit was renewed under the EPA delegated authority to the state's environmental agency, the Texas Commission on Environmental Quality (TCEQ) and the Texas Pollutant Discharge Elimination System (TPDES) permit, the University became a sole permittee for the storm sewer systems located at The University of Texas at Austin Main Campus, the JJ Pickle Research Campus (PRC), the Brackenridge Tract, and the Gateway Apartments.

Under the TPDES permit, the MS4 operator is required to develop a Storm Water Management Program (SWMP) in which 9 elements, including 8 minimum control measures, are developed and implemented to address and minimize potential pollutants from leaving the Campus via the storm sewer systems and negatively impacting surface waters of the state. Receiving watersheds include Waller Creek, Shoal Creek and ultimately the Colorado River in stream segment 1429. This annual report summarizes the measurable goals of the UT Austin SWMP and the accomplishments of the involved departments within the University to minimize the impacts of University operations on stormwater runoff.

Terms and Abbreviations:

a. BMP: Best Management Practice
b. EHS: Environmental Health and Safety
c. FS-LS: Facilities Services- Landscape Services
d. FS-PRC: Facilities Services- Pickle Research Campus
e. FS-RR: Facilities Services- Resource Recovery
f. MS4: Municipal Separate Storm Sewer System
g. PDC: Planning, Design, and Construction, a unified department formed in 2023, formerly CPC (Capital Planning and Construction) and PMCS (Project Management and Construction Services)
h. PRC: Pickle Research Campus
i. PTS: Parking and Transportation Services
j. SWMP: Stormwater Management Plan
k. SWPPP: Stormwater Pollution Prevention Plan
l. TPDES: Texas Pollutant Discharge Elimination System
m. TRT: PDC Technical Review Team
n. UEM: Utilities and Energy Management
o. UEM-ED: Utilities and Energy Management-Mechanical Distribution
p. UEM-MD: Utilities and Energy Management-Electrical Distribution
q. UHD: University Housing and Dining
r. VSPZ: Vegetative and Soils Protection Zone

II. Detailed Reporting on Each Minimum Control Measure (MCM)

MCM 1: MS4 Maintenance Activities

a. Open Channel Drainage Systems

Task: Inspect open channels and remove any materials that could impede flow or increase erosion. This is a maintenance mechanism to ensure drainage pathways maintain an appropriate flow rate during flood conditions and a water quality management strategy.

Target: Inspect and remove materials in 100% (all channels) of the open channel drainage system.

Frequency and Compliance: Open Channels, including Waller Creek, grass lined swales, and other open conveyances located on Main Campus, PRC, Whitaker Fields, and two University apartment properties, are inspected annually to assess proper flow and discharge of stormwater. Issues relating to maintenance and debris removal are identified during inspection. Environmental Health & Safety (EHS) inspects open channels (annually) and open channel restrictions (quarterly).

Regular cleaning of area drains, culverts, outfalls, and curb inlets are performed by the Facilities Services (FS) Department. Due to the open channel conveyance design of the storm sewer system, the hours spent unstopping storm sewers and cleaning out inlets at PRC and the apartments to ensure the free flow of stormwater and reduce pollutants discharged to Shoal Creek, Little Walnut Creek watersheds, and Lady Bird Lake was minimal during this reporting period.

Regular maintenance includes raking leaves and the collection of grass clippings to reduce the possibility of clogging storm drains and as-needed street sweeping to remove trash and organic materials.

Responsible Departments: EHS performs annual inspections and submits work requests noting undesirable conditions to the appropriate department, e.g., FS-PRC or UHD, for corrective actions. Responding departments complete corrective action for each undesirable condition at a restriction or in an open channel (i.e., remove sediment, debris, or vegetation).

Measurable Goals, Actions, and Challenges: During the reporting period, 100% of open channels on Main Campus, PRC, Whitaker Fields, and two University apartment properties were inspected as part of the Open Channel Inspection Program. Unacceptable conditions were reported, as needed, to the appropriate department for corrective action. Inspection records are available upon request.

b. Open Channel Restrictions

Task: Inspect culverts, bridges, exposed utility conveyances, and other civil or natural open channel restrictions, and remove sediment, debris, and vegetation.

Target: Inspect and remove obstructions at 100% of open channel restrictions.

Frequency and Compliance: Open Channel Restrictions, which may include culverts, bridges, exposed utility conveyances, exposed roots, boulders, or fallen trees that obstruct the water flow and increase erosion potential are inspected quarterly to ascertain the condition of each restriction in regard to debris collection. Following the inspection, sediment, debris, or other obstructions identified are removed in order to maintain adequate flow rate to maintain water quality.

Responsible Departments: EHS performs quarterly inspections and submits work requests noting undesirable conditions to the appropriate department, e.g. FS-PRC or UHD, for corrective actions. Responding departments complete corrective action for each undesirable condition at a restriction or in an open channel (i.e., remove sediment, debris, or vegetation).

Measurable Goals, Actions, and Challenges: EHS staff inspected 100% of open channel restrictions each quarter of the monitoring period. Unacceptable conditions were reported as needed to the appropriate department for corrective action. 100% of reported obstructions were removed. Inspection records are available upon request.

c. Storm Sewer Mains

Task: Inspect, and, if necessary, clean storm sewer system mains and laterals.

Target: Inspect and maintain 100% of the MS4 system.

Frequency and Compliance: Regular cleaning of area drains and curb inlets is performed in an effort to prevent blockages that can lead to localized flooding during heavy rain, as well as extend the life of the infrastructure itself. Regular maintenance of storm sewer systems also benefits water quality by preventing pollutants from entering the infrastructure via cracks and breakages in the lines. Maintenance of storm drain lines occurs whenever damage is suspected. Per the 2018 MS4 permit, the target was to inspect 100% of the system by the end of the permit term (September 2023). Approximately 20% of the system was inspected visually and/or videoed each year over the five-year term.

Responsible Departments: The UEM and FS departments are responsible for the maintenance activities of the MS4. Annually, these departments remove debris collected in curb and gutter drains on Main Campus, and as needed in area drains on the PRC campus. The UEM Department has equipment and crews that respond to clogged storm and sanitary lines and perform both preventative and emergency maintenance, or replacement of conveyances as needed. Preventative measures include regular camera inspection of lines,

scheduled hydro jetting of lines that are known to clog, and removal of debris accumulated in the system.

Measurable Goals, Actions, and Challenges: Over the life of the 2018 permit, 100% of the storm sewer mains were inspected. This reporting period, UEM spent approximately 804 hours maintaining, repairing, and replacing storm sewer piping at the Main Campus. Approximately 2.8 cubic yards, and more than 7,800 pounds of debris were removed from curb and gutter inlet boxes by the FS-LS department and UEM, respectively. UEM workers clear storm sewers and clean out inlets at Main Campus annually to ensure pollutants captured in the MS4 system are not discharged to Waller Creek.

d. Flood Control Projects

Task: Maintain existing flood control structures according to designed specifications. Evaluate and encourage designers to incorporate flood control structures into future CIPs.

Target: Maintain 100% of existing structures to engineered specifications.

Frequency and Compliance: 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.

Responsible Departments: Detention structures are inspected annually by UEM for required maintenance.

Measurable Goals, Actions, and Challenges: 100% of detention structures were inspected by UEM. Maintenance was performed as required.

e. Floatables Monitoring

Task: Monitor and maintain floatable control devices and collection stations.

Target: Maintain two floatable monitoring stations and quantify collected floatables.

Frequency and Compliance: Two floatable monitoring stations were installed prior to November 1, 2001 and were upgraded in the fall of 2016. One monitoring station is located northeast of campus off of San Jacinto Blvd., north of Chilling Station No. 5 (CS5). The other station is north of the junction of 21st St. and San Jacinto Blvd., across from L. Theo Belmont (BEL). The stations are monitored and maintained on a quarterly schedule.

Responsible Departments: EHS monitors the two floatable stations on a quarterly basis and FS-LS is responsible for removal of collected debris.

Measurable Goals, Actions, and Challenges: During the reporting period, FS-LS removed 4 cubic yards of debris and sediment. Results are calculated by estimating gallons (dry) via trash bag then converting the result to cubic yards.

f. Street/Impervious Cover Sweeping

Task: Sweep University owned streets on a semiannual basis or as needed.

Target: Utilize owned equipment or contractor to sweep 100% of major thoroughfares, parking garages, and applicable impervious surfaces.

Frequency and Compliance: The University maintains a program for managing sediment, trash, and organic debris on street and parking areas. The University operates several motorized street sweepers for Main Campus. The elements of this program are listed below:

- Motorized sweepers with brooms are used to sweep the twelve parking garages on a regular basis including ramps, some outside areas, and sidewalks. Garages are typically swept weekly.
- Larger trash is picked up by hand and discarded in dumpsters.
- A process previously implemented has all garages scrubbed twice annually to remove pollutants left by parked vehicles. During washing, drains are covered, and the wastewater is collected and disposed of according to regulatory requirements.
- Grounds are swept inside the football stadium before and after events and at least once a month.
- The outdoor track at the soccer stadium is swept 2-3 times per year (relative to events).
- The AstroTurf at Disch-Falk baseball field is swept daily during the season and as needed in the off season.
- Belmont Hall service drive (located in the stadium complex) and front sidewalks are swept prior to event days.
- The gutters and areas where the sweeper cannot reach are manually swept as needed.
- Ground level parking lots are cleaned as needed (mainly along curbs).
- Malls and sidewalks are maintained frequently.
- Sweeping units are used on campus on a regular basis to remove loose debris and leaves from sidewalks and plazas.
- A riding scrubber is also used to scrub plazas and mall surfaces, as needed.

PRC has mostly crowned roads with a few curbed streets. Some parking areas are curbed. The elements of the street/impervious cover sweeping program include:

- Occasional use of tractor mounted broom sweeper;
- Staff are utilized for grounds maintenance to pick up trash and collect litter;
- Parking areas are swept before striping operations;
- Riding mowers are equipped with leaf catchers;
- Parking lots and streets are swept by an outside contractor, as needed.

UHD maintains the streets and parking areas at university apartments. The

elements of this program include:

- Contract with a local company to sweep streets at the apartment complexes on an as needed basis during heavy leaf fall.
- Use of maintenance staff to drive through complexes daily and pick up litter and debris as needed.
- Residents are educated on the importance of keeping dumpsters closed through signage, and efforts are ongoing to maintain dumpsters in good condition.
- Apartment management works with a dumpster contractor to ensure all dumpsters are maintained and appear clean at all times.
- Broken dumpster lids and leaks are reported upon discovery and repaired as soon as possible. The contract requires that dumpster bottoms are kept as clean and as sanitary as possible to prevent pollutants from running off with stormwater during rain events.

Responsible Departments: FS-LS is responsible for street sweeping on main campus and PRC. PTS maintains the parking lots and garages on main campus and PRC. UHD maintains the parking areas and streets at the apartments.

Measurable Goals, Actions, and Challenges: 632 cubic yards of debris were collected during the 367 hours of street sweeping completed by FS-LS during the reporting period. 290 pounds of debris was collected by UHD, and 5,800 pounds of litter and trash was removed from outside trashcans at apartment complexes.

Table 1–MCM 1 Activity Summary

BMP	2023-2024 Progress
Open Channel Drainage Systems	EHS staff performed annual inspections of all open channels for debris on 8/5/2024.
Open Channel Restrictions	EHS staff inspected all open channel restrictions each quarter of the monitoring period.
Storm Sewer Mains	UEM spent 804 hours cleaning and repairing storm sewer mains. 7,800 pounds of debris were removed from storm drains and catch basins.
Flood Control Projects	Detention structures are inspected annually by UEM for required maintenance.
Floatables Monitoring	FS-LS removed 4 cubic yards of debris and sediment from the floatables stations.
Street/Impervious Cover Sweeping	290 pounds of debris were collected from University owned off-site apartments. 632 CY were collected by FS-LS.

MCM 2: Post-Construction Storm Water Controls

a. New Development/Redevelopment

Task: Update and implement design and construction standards for structural BMPs.

Target: Review 100% of projects >1 acre for compliance with standard to minimize stormwater pollution.

Frequency and Compliance: The UT Austin Design and Construction Standard 01 57 23 for Temporary Storm Water Pollution Control provides technical specifications for contractors working on UT projects. The Stormwater Management Design Criteria provides information to the PSP about water quality and drainage design.

Construction design reviews by the TRT at 55%, 75%, and 95% of completion, along with a series of plan review meetings with PDC and contractor representatives, attempt to ensure that the elements of the Design and Construction criteria are met. Through construction plan review, site investigation, and responses to calls received, EHS representatives ensure that BMPs are installed and maintained according to TPDES, and UT Austin Construction Standards.

Responsible Departments: EHS has a representative on the PDC Technical Review Team who is responsible for ensuring project designs include appropriate erosion and sedimentation control plans. EHS also reviews and approves all Stormwater Pollution Prevention Plans created for projects >1 acre.

Measurable Goals, Actions, and Challenges: All projects >1 acre were reviewed against the UT Austin Design and Construction Standard 01 57 23, the Stormwater Management Design Criteria, and the TCEQ Construction General Permit. A list of these sites can be found in **Table 6**.

b. Comprehensive Master Plan

Task: Follow guidance of framework plan and develop a stormwater master plan.

Target: Gather input on stormwater master plan from 3 key stakeholder groups at UT Austin and utilize SITES in the interim.

Frequency and Compliance: During the 2019-2020 fiscal year (FY), stakeholders from three key UT Austin departments (EHS, FS-LS, and the Office of Sustainability) discussed the creation of a larger stormwater master plan. This is an ongoing effort, and input is also being solicited from stormwater experts outside the University.

Responsible Departments: Stakeholder groups for the master plan include UT Leadership, EHS, FS-LS, UEM-MD, the Office of Sustainability, and PDC.

Measurable Goals, Actions, and Challenges: In the 2023-2024 year, the Stormwater STEERing Committee was created with the intent of creating a funding source for the construction and maintenance of campus water quality devices. The committee also created a scope for a stormwater master plan and are currently seeking bids from consultants for its preparation. The master plan will not only identify necessary improvements to the MS4, but the measures that will ensure these improvements are funded and operationalized.

c. Regulatory Mechanism

Task: Enforce and update the policy when required.

Target: Conduct monthly SWPPP inspections at 100% of construction sites >1 acre. Ensure that existing environmental policy 8-1020 is enforced.

Frequency and Compliance: To ensure stormwater controls were implemented, EHS performed monthly inspections of all construction sites with outdoor disturbance >1 acre that were active during the reporting period. EHS also performed spot inspections at numerous smaller sites that disturbed soil but did not meet SWPPP requirements.

Responsible Departments: EHS is responsible for monthly inspections of construction sites >1 acre. When UT is a secondary operator of these sites, additional weekly inspections are performed by the designated PDC Construction Administrator in compliance with the SWPPP.

Measurable Goals, Actions, and Challenges: 8 construction sites >1 acre were active within the MS4 this year, resulting in 61 SWPPP inspections. A list of these projects can be found in **Table 6.**

d. Flood Control Projects

Task: Maintain flood control structures according to designed specifications.

Target: Incorporate available flood control structures into 100% of applicable CIPs.

Frequency and Compliance: Criteria was developed for architectural and engineering professionals while designing flood control projects on The University of Texas at Austin campuses. This criteria document was incorporated into UT's Design and Construction Standards and at its core requires the designs to reduce runoff volume while increasing the quality of stormwater runoff.

Our updated standards encourage the use of Low Impact Design (LID) and innovative engineered water quality systems due to the nature of our urban watershed. Most sites on campus are fully developed, and similar to other local municipalities, a project's impact on local flood risk is evaluated by Professional Service Providers (PSPs).

On Main Campus, there are over 25 LID projects established or underway, including bioswales, pervious pavers, and rain gardens. Although predominantly water quality devices, LID devices do provide temporary retention areas to encourage infiltration and pollutant removal; they can also help control the release of stormwater into adjacent waterways. Our stormwater standard provides information to the PSP to establish a basis of design. The responsibility of the engineer is to apply the principles of hydrology and hydraulic design so that The University of Texas at Austin may comply with related permits and regulations, reduce risk of flooding to the University, understand and eliminate impacts to adjacent and downstream property owners, and maintain a more resilient stormwater system. If the engineer of record determines flood control is necessary to control any increase in proposed runoff flows, a flood control mechanism is required.

Responsible Departments: PDC, EHS, and TRT are responsible for the enforcement of the University Stormwater Standard, which requires flood control evaluation.

Measurable Goals, Actions, and Challenges: 100% of projects submitted to the Technical Review Team (TRT) were evaluated for flood control structures.

Table 2 – MCM 2 Activity Summary

BMP	2023-2024 Progress
New Development/Redevelopment	All 8 construction projects active during the monitoring period are incorporating permanent BMPs to minimize stormwater pollution.
Comprehensive Master Plan	EHS is in the process of procuring a Stormwater Master Plan.
Regulatory Mechanism	EHS performed monthly inspections at all 8 active construction sites with outdoor disturbance >1 acre, and spot inspections at numerous sites with disturbance <1 acre. 61 SWPPP inspections were performed by EHS staff.
Flood Control Projects	100% of projects submitted to the Technical Review Team (TRT) were evaluated for flood control structures.

MCM 3: Illicit Discharge Detection and Elimination

a. Monitoring Permitted Discharges

Task: UT Austin EHS staff monitor Notices of Intent (NOIs) submitted and corresponding permitted activities to prevent unauthorized discharges.

Target: Review 100% of submitted NOIs to prevent unauthorized discharge. Report number of Construction Site Notices (CSNs) submitted as well as the number of NOIs received.

Frequency and Compliance: NOIs and CSNs are consistently tracked in order to maintain compliance. The projects with NOIs and CSNs are SWPPP projects and all SWPPPs with UT as a secondary operator (the majority) are reviewed and approved by EHS. Notices to

Proceed (NTPs) are additional notices that EHS receives from PDC when a small project or job order contract is released to begin work on campus. These small projects are also reviewed for potential discharges (HVAC, plumbing, etc.).

Responsible Departments: EHS tracks all SWPPP projects and corresponding documentation. PDC (contracts department) releases NTPs to all project managers and EHS staff via email distribution.

Measurable Goals, Actions, and Challenges: UT Austin had 8 active construction projects on campus during the reporting period with CSNs: Frank Erwin Center Demolition, PRC Library Storage Facility, PRC MER Building Renovations, Graduate Student Housing, the Engineering Discovery Building, the Dobie Garage Demolition (Undergraduate School of Business, COA MS4), the Whitis Court Demolition, and the Football Training Complex.

Four of the above projects were five acres or greater in size and had NOIs: Graduate Student Housing (TXR1517IS), Football Training Complex (TXR1561RJ), Erwin Center Demolition (TXR1543OH), Engineering Discovery Building (TXR1543OH).

During the reporting period, EHS reviewed NTPs for 134 projects to monitor for potential sources of illicit discharges.

b. Monitoring Non-Stormwater Discharges

Task: UT Austin staff to monitor visible discharges during dry periods.

Target: Investigate 100% of observed or reported potential illicit discharges. Track the number of potential illicit connections reported by UT Austin campus community.

Frequency and Compliance: EHS investigates all illicit discharges, those observed by staff, as well as those reported by the campus community. In addition to reported suspected illicit discharges, dry weather field screening is one of the primary tools used to identify illicit discharges to the MS4. More information about dry weather screening can be found in MCM 8.

Responsible Departments: EHS investigates all illicit discharges and UEM-MD is responsible for repairing and identifying leaks and discharges from the utility systems.

Measurable Goals, Actions, and Challenges: EHS investigated 100% of observed or reported potential illicit discharges. In this reporting period EHS responded to 27 potential illicit discharges, with 10 being reported by the campus community.

c. Online Discharge Request System Maintenance

Task: Monitor and work with requestors to properly discharge waters to an appropriate sewer system with approved BMPs to prevent pollutants from entering MS4.

Target: EHS staff respond to 100% of submitted requests to review process generating water, and areas proposed for discharge.

Frequency and Compliance: The University of Texas at Austin EHS monitors all stormwater regulated activities. Any activity necessitating a discharge to the MS4 is reviewed and approved by EHS. The University maintains an online discharge request system for all batch discharges of water to the sanitary and/or storm sewer systems on Main campus and PRC.

Responsible Departments: Any UT employee with an EID can submit a discharge request. EHS reviews and approves these discharges as needed.

Measurable Goals, Actions, and Challenges: During the reporting period EHS reviewed and responded to 100% of discharge requests. A total of 45 sanitary sewer discharge requests and 53 storm sewer discharge requests were reviewed to ensure permit compliance.

d. Sanitary Sewer System Maintenance

Task: UEM to continue the process of surveillance and maintenance of damaged sanitary lines to prevent blockage and bypass.

Target: Report on repairs, maintenance, and inspections conducted by UT personnel (2019). Post RFP (request for proposal) for sanitary sewer system inspection contract (2020). Inspect 100% of sanitary sewer system (2021). Repair 50% of deficiencies that could adversely affect receiving stream quality, as identified during inspection (2022). Repair remaining 50% of deficiencies that could adversely affect receiving stream quality, as identified during inspection (2023).

Frequency and Compliance: UT Austin continues to minimize or prevent overflows and infiltrations from the sanitary sewer into the MS4 through regular maintenance of sanitary sewer lines. In their effort to fully inspect and maintain the sewer system every permit term, UEM hired a third party who completed an inspection of the entire sanitary sewer system in March 2021. In addition, a water quality incident response Standard Operating Procedure (SOP) between UEM and EHS was finalized in May of 2021. This SOP outlines departmental responsibilities for responses to water and wastewater emergencies such as spills and leaks.

Responsible Departments: UEM-MD reports on repairs, maintenance, and inspections annually, as described below.

Measurable Goals, Actions, and Challenges:

Over the 2018 permit term, the surveillance and maintenance of damaged sanitary lines was completed. During this reporting period, UEM performed the following additional maintenance activities:

- Sanitary sewer piping; approximately 1,045 hours were expended for installation, repair, and maintenance.
- Dedicated equipment and materials are used to help respond quickly and effectively to sanitary sewer overflows. These materials include pneumatic test plugs and absorbent rolls and pads.
- In this reporting period, 23,500 linear feet of sanitary and storm sewer laterals were cleaned and/or repaired by UEM staff.

e. Grease Trap Maintenance

Task: Service all pretreatment devices according to local requirements to minimize overflows.

Target: FS to maintain contract with licensed service provider to pump grease traps. FS to repair/maintain grease traps. EHS to ensure 100% of traps are serviced according to local requirements. Track the number of grease traps serviced.

Frequency and Compliance: EHS tracks grease traps (location, condition**)**, facility usage, and service manifests to ensure all grease traps are serviced appropriately. In addition, a preventative maintenance inspection schedule is used for grease traps in accordance with local permit requirements.

Responsible Departments: Inspection and cleaning of grease traps by licensed contractors is performed on a regular basis. The contracted servicer for Main Campus and PRC is Liquid Environmental Solutions (LES).

Measurable Goals, Actions, and Challenges: During this reporting period, LES pumped approximately 373,111 gallons of waste grease and water from grease traps.

f. Spill Response Programs

Task: Maintain a 24/7 spill response program to minimize unauthorized discharges to MS4.

Target: EHS to maintain appropriate spill response equipment, personnel, and staffing to allow for expeditious response to accidental spills that may enter MS4. Respond to 100% of applicable reported spills/incidents. Track the number of spills/incidents reported.

Frequency and Compliance: The University has a spill prevention and response program coordinated through EHS. The University has staff that respond to both hazardous materials spills, as well as spills that threaten the storm sewer system or Waller Creek. University policy prohibits any discharge to surface water of any substance that could or does cause pollution to surface waters. The University has the means to respond 24 hours a day, 7 days a week to spills on its properties that threaten or impact surface water quality via an On-Call program.

Staff members coordinate response and clean-up activities with appropriate state and local

governmental offices and ensure that any necessary corrective action is taken. The University maintains a well-stocked equipment and materials cache for mitigating and abating spills that threaten to or have impacted surface waters.

EHS uses an internal reporting system that documents the specific activities of the stormwater program. This internal reporting system allows stormwater related incident responses to be tracked more efficiently and allows management to identify where stormwater needs exist. The reporting system also provides a history of activities devoted to managing stormwater activities. The activities are divided into categories called incidents, investigations, routine inspections, and consultations.
Descriptions of the activities are as follows:

- Incidents are situations that involve a spill or discharge that either has an impact on stormwater quality or threatens stormwater quality. These situations require an immediate response and resolution, though the resolution may or may not require a spill cleanup. Incident responses also include the response to situations that have no stormwater impact, such as green dye in the creek, but which would require an immediate response if the incident had involved a pollutant.
- Investigations are of situations that are suspected to have an impact on stormwater quality, but an investigation must be started to assess the situation. These situations require an immediate response, but the resolution may require further action or research, including coordination with other campus departments for resolution.
- Inspections are routine assessments required by the SWMP such as unannounced reviews of construction phase controls.
- Consultations are situations where EHS is requested to review the selection, design, implementation, and/or maintenance of BMPs used on construction projects or during campus activities that may have an impact to stormwater quality. This is to ensure that the projects will include appropriate BMPs for sediment control around construction, proper waste disposal for chemicals, and to communicate environmental requirements to contractors planning to work on campus.

UHD uses spill prevention in the form of granular absorbent, spill pads, and booms. UHD workers, especially ones that work around loading docks, are trained on stormwater issues and procedures. In addition, the UHD workers have been trained to monitor grease trap conditions. The University also manages and annually updates a Spill Prevention Control and Countermeasure (SPCC) program to minimize pollutants from UST/AST facilities and areas with bulk oil storage.

Responsible Departments: UHD and FS staff have been trained to report any illegal or inappropriate spills that enter the storm drains to their supervisors and then to EHS.

Measurable Goals, Actions, and Challenges: EHS responded to 100% of applicable reported spills/incidents. All incidents were tracked.

During the 2023-2024 reporting year, there were 27 environmental incidents, including SSOs, waterline breaks, and incidental discharges.

g. Waste Disposal

Task: Continue established programs to collect and properly dispose of hazardous wastes, automotive wastes, animal wastes, and landscape wastes.

Target: Manage the programs of waste pick up and disposal to minimize unauthorized discharges of regulated wastes. Collect and dispose of 100% of regulated wastes. Track the amount of waste disposed.

Frequency and Compliance:
Hazardous, automotive, and animal waste:

- UT Austin prohibits the discharge or disposal of used motor vehicle fluids and household hazardous wastes into the MS4. Not being a municipality, the University cannot sponsor a Household Hazardous Waste collection and disposal program. However, campus residents can utilize the City of Austin's Household Hazardous Waste program since the campus is wholly within the City's boundaries. UT Austin has had programs in place to properly generate, store, and utilize third party recycling and disposal contractors for all of the hazardous wastes that are generated from University Operations since the original SWMP was developed. The University generated spent cleaning chemicals, surface coating products, and other wastes that might often be considered household hazardous waste but are disposed of with other chemical wastes generated on campus.
- UT Austin is a generator of hazardous wastes and maintains multiple EPA ID numbers. UT Austin maintains a hazardous waste accumulation facility at both Main Campus and PRC. The hazardous waste accumulation facilities are secure, limited access buildings. These facilities are operated as 90-day accumulation facilities consistent with UT Austin's status as a large quantity generator. The hazardous waste management program is publicized to University departments through training workshops. In addition, Hazardous Material Specialists attend both semi-annual and as-needed individual meetings with lab and building managers to discuss safe practices and receive feedback on how to improve the process. Hazardous wastes are picked up from the point of generation and transported to the accumulation facilities by the EHS Hazardous Waste Team. The materials are accumulated at these facilities for a period of no more than 90 days, then removed and disposed of by a contracted hazardous waste disposal company.
- To protect themselves and the environment from chemical exposure, the EHS Hazardous Waste Team inspects each container at the point of generation to ensure that its integrity is not compromised. If there is a release of hazardous materials during transport, the Hazardous Materials Specialists have access to spill response supplies (e.g., hydrophilic and hydrophobic absorbents, boom and dike materials, and bioremediation supplies), which reduce the risk of introducing hazardous materials to the stormwater system. UT Austin employees transport these wastes only within the UT Austin property where the waste was generated. The accumulation facilities are inspected on a weekly basis by a Hazardous Materials Specialist. All hazardous waste containers are inspected to ensure that proper labeling requirements are met, that containers are tightly sealed, and that no containers are leaking.

Recycling:

- The UT Office of Sustainability continues to manage the Green Offices program. The Green Offices program promotes waste reduction and recycling to UT faculty and staff through consultations and points-based certifications.
- UT EHS directs the Green Labs program, which helps researchers to recycle and reuse their materials. The Green Labs program provides expanded polystyrene (Styrofoam), plastic wrap, cold pack, and nitrile glove recycling for campus laboratories. Green Labs also holds Lab Supply Swaps in which researchers can donate lab consumables they no longer need. Items are then rehomed to researchers on campus. Lastly, Green Labs has a Surplus Chemical Redistribution program. Labs can donate chemicals they no longer need to Green Labs to be rehomed to other researchers instead of disposing of the chemicals as hazardous waste. Currently, Green Labs has over 200 chemicals in their surplus inventory.
- The UT Campus Environmental Center, a student organization sponsored by the Office of Sustainability, manages multiple waste-related programs. The Trash to Treasure program collects donated clothing, household goods, food, and other items from the UT residence halls at the end of each academic year. Nearly all items are diverted from landfill through resale, donation, or recycling. Thousands of pounds of materials are diverted each year through the Trash to Treasure program. The Green Events program aids other student organizations in hosting zero waste events through proper recycling and composting. The Green Greeks program promotes proper recycling and composting in the Greek-life community. The Campus Environmental Center also hosts a range of educational events for students including workshops on zero waste living.
- The University continues to operate a single stream recycling program. Containers are located both inside and outside campus buildings. Approximately 204 dumpsters and 96-gallon recycling containers are maintained by the Solid Waste and Recycling department to collect recyclables from buildings. Outdoor bins have gone through an extensive update and every outdoor landfill bin is now co-located with a single stream recycling bin. Inside campus buildings, all offices have a personal recycling bin, and larger recycling bins are available in common areas and hallways. The University continually strives to reduce paper consumption, including by moving many paper-based processes to electronic systems such as digital timesheets and document signing.
- FS - Resource Recovery also restarted campus-wide single-use alkaline battery recycling, partnering with three campus buildings to serve as drop-off locations one day each term.
- The University has an active material reuse program operated by the Surplus Property
- section. Furniture, computers, electronic equipment, and all other property assets are sent to a surplus property warehouse where those materials can be reused by other university departments on a first-come, first-served basis. Materials that do not find an alternative use on campus or at a Texas school district are auctioned. Items that do not sell in an auction are donated.

Landscape Waste:

The University also has a landscape recycling program run by FS-LS, through which brush and tree limbs on the Main and PRC campuses are recycled (composted or reused as mulch). The material is then used on campus shrub beds and other landscaped areas in order to reduce water use and weed growth. Tree trimming and dangerous tree removal from Waller Creek also continued during this reporting period and any removed trees were shredded for mulch use. Campus food service compost operations have scaled back in recent years due to various factors but are in the process of re-establishing.

Responsible Departments:

- UT Austin employs full-time Hazardous Materials Specialists in the task of hazardous waste pickup and transport. They are trained and experienced in the proper handling of hazardous wastes and hazardous waste containers and have attended at least 24 hours of Hazardous Materials Emergency Response training.
- Recycling and composting are a significant part of the anti-litter effort at UT Austin. There are several recycling programs across campus. Texas Disposal Systems is the waste, recycling, and composting management partner for Texas Athletics.
- The UT Office of Sustainability continues to manage the Green Offices program. The Green Offices program promotes waste reduction and recycling to UT faculty and staff through consultations and points-based certifications.
- The UT EHS Green Labs program helps researchers to recycle and reuse their materials.

Measurable Goals, Actions, and Challenges:

- Over the course of the 2023-2024 reporting year, 191,861 pounds of hazardous waste and an additional 79,082 pounds of biological waste were collected and properly disposed of. The hazardous waste department also facilitated the recycling of 20,130 pounds of lead acid batteries and zero gallons of used oil (waste oil was collected but not disposed of during this reporting period.
- During this reporting period approximately 207 tons of recycling and approximately 149 tons of compostable materials were collected on game days by Texas Disposal Services.
- The University recycling programs have proven to be very successful, recycling approximately 593 tons of single stream recycling (plastics, paper, cardboard, glass and aluminum) in FY 2023-2024.
- In 2023-2024, EHS Green Labs program recycled approximately 1,508 pounds of expanded polystyrene/polyethylene, 515 pounds of film plastic, 6,800 pounds of cold packs, 92 pounds of alkaline batteries, and 1,429 pounds of nitrile gloves from labs across campus. In 2023-2024 over 855 pounds of lab consumables were rehomed through EHS Green Labs.
- The Trash to Treasure program collected 3,295 pounds of clothing, home goods, and bedding from several on-campus residence halls. This includes food which was donated to the UT Outpost.

- FS-RR collected approximately 2,710 pounds of batteries. 1,747 pounds of which were recycled as single-use alkaline, while the remaining batteries were properly passed to Environmental Health and Safety for proper disposal.
- An estimated 300 cubic yards of leaves were added to campus managed compost piles.
- FS-LS diverted approximately 12 tons of coffee grounds from coffee shops throughout campus. The AT&T Conference Center operates compost collection from their lodging and event space. In FY 2023-2024 approximately 44 tons were collected for composting.
- In FY 2023 – 2024, approximately 21 tons of materials were donated to assistance organizations and Texas school districts, 82 tons of computers were sent to Texas Correctional Industries for repair and reuse and 517 tons were sold through auction. Additionally, the General Services Division's Automotive Shop recycles cleaning solvents, used engine oil, freon, batteries, car parts, tires, and windshield glass.
- Approximately 254 cubic yards of brush and tree limbs on the Main and PRC campuses were recycled (composted or reused as mulch) by FS-LS
- FS maintains approximately 204 96-and 64-gallon compost totes for collection and has composted approximately 90 tons which includes materials such as animal bedding, paper towels, breakroom food scraps and University Unions and UHD food prep waste.

h. Dry Weather Screening

Task: Monitor MS4 outfalls during dry weather periods for flows from system.

Target: EHS will survey all 18 outfalls >36 inches within the MS4 and sample any identified for sanitary characteristics as required in the MS4 permit.

Frequency and Compliance: The University has a program for identifying sources of dry weather flows. Drainage maps have been compiled and indicate outfall points for each drainage line. Dry Weather screening of major outfalls is conducted annually, typically during the summer when rain events are infrequent.

In addition to any reported suspected illicit discharges, dry weather field screening is one of the primary tools used to identify illicit discharges to the MS4. Dry weather field screening is required once every 5 years under the TPDES permit.

Over the course of the permit term (2018-2023) all minor outfalls were observed for dry weather flow, in addition to the annual screening of major outfalls.

Responsible Departments: EHS continues to monitor these outfalls with continuous flow, and all are part of an ongoing investigation between EHS, UEM, Athletics, FS-LS and City of Austin.

Measurable Goals, Actions, and Challenges: In the 2022-2023 permit year, all 18 major outfalls were screened and, of those, 4 were observed with dry weather flows. Of those four, only 3 were seen with flow in year 2023-2024.

There are two major outfalls on campus that have consistent flow, Outfalls 4614 (42") and 2812 (48"). Based on leak detection data provided by UEM-MD and Austin Water, the source was traced outside of UT Austin's MS4. Regardless, UT actively monitors these outfalls for changes in flow. EHS maintains a database of outfalls seen with active flow over the past 5 years. Most dry-weather flows have been a result of allowable non-stormwater discharges such as ground water sumps, irrigation run off, or air conditioning condensate.

One outfall (2812) was sampled for consistency with previous years' samples and field analysis of the discharges did not indicate sanitary or other characteristics of concern.

i. MS4 Map(s)

Task: Update and revise existing MS4 map(s).

Target: Annually update stormwater system map.

Frequency and Compliance: The base map utilized is the existing stormwater utility map which shows receiving waters and MS4 outfalls. The source information used to originally develop the map(s) included utility composites and area drainage maps, as well as field reconnaissance to verify outfalls. The MS4 map is updated as needed to capture changes within the MS4 based on demolition or new construction within the MS4 boundaries.

Responsible Departments: The University of Texas at Austin EHS works closely with UEM to maintain the MS4 map in accordance with TPDES requirements.

Measurable Goals, Actions, and Challenges: The most recent map revision was in spring of 2023, with the application for an MS4 permit renewal.

j. SPCC

Task: Implement and maintain SPCC plan requirements.

Target: Review and update the UT Austin SPCC plans once a year to minimize pollutants from UST/AST facilities.

Frequency and Compliance: The University manages and annually updates a Spill Prevention Control and Countermeasure (SPCC) program to minimize pollutants from UST/AST facilities and areas with bulk oil storage.

Responsible Departments: EHS manages the SPCC program.

Measurable Goals, Actions, and Challenges: The SPCC plans were updated in November 2023 and are available to view on our website: https://ehs.utexas.edu/environment-waste/spill-prevention-control-countermeasure-program.

Table 3 – MCM 3 Activity Summary

BMP	2023-2024 Progress
Monitor permitted discharges	EHS staff reviewed NTPs for 162 projects and monitored 8 sites with CSNs and 4 with NOIs.
Monitor non-stormwater discharges	EHS responded to 27 potential illicit discharges.
Maintain online discharge request system	EHS reviewed 45 sanitary sewer discharge requests and 53 storm sewer discharge requests.
Maintain sanitary sewer system	UEM hired a third party who completed a complete inspection of the sanitary sewer system in March 2021.
Grease trap service/maintenance	373,111 gallons of waste grease and water were removed from university grease traps.
Spill response program	EHS responded to 27 environmental incidents.
Collect and properly dispose of wastes	EHS disposed of 191,861 pounds of hazardous waste and 79,082 pounds of biological waste. EHS recycled 0 gallons of used oil and 20,130 pounds of lead acid batteries.
Dry weather screening	EHS sampled 1 outfall to analyze for sanitary characteristics.
Maintain and update MS4 map	The most recent map revision was in spring 2023.
Maintain SPCC plans for USTs and ASTs	The Main Campus and PRC SPCC plans were updated in November 2023.

MCM 4: Pollution Prevention/Good Housekeeping

a. Inventory Maintenance

Task: Develop and maintain inventory of areas falling under MCM.

Target: Contact the relevant departments to ensure list is accurate. Annually inspect 100% of locations.

Frequency and Compliance: As part of the process of updating the UT Austin SWMP in 2011 this MCM was developed and implemented. EHS investigated University operation storage yards on Main and PRC campuses to identify those with a potential to contribute pollutants to stormwater runoff. EHS works with the responsible departments to develop BMPs to minimize stormwater impacts. There are ten exterior material storage areas involved with University Operations. Those departments responsible for the areas are encouraged to implement the following BMPs in an attempt to comply with this permit condition:

- Storing only essential items necessary for the work that is performed by the department to reduce the volume of exposed materials.
- Storing materials away from storm drains as much as possible and protecting receiving

storm drain(s) with diversion structures or other BMPs to minimize pollutant transport.

- Whenever possible, covering materials or equipment either with permanent structures or temporary tarps.
- Storing materials off the ground on racks, pallets, or other means to minimize contact with stormwater runoff.
- Regular sweeping of impervious cover in areas where aggregate or other materials easily transported to storm drains by stormwater runoff sheet flow.
- Proper maintenance of oil containing vehicles and equipment to protect impervious cover from leaks of oil and fuel. Equipment and vehicles with known leaks are repaired as quickly as possible and shall utilize drip pans or oil absorbent pads under the equipment when parked to capture leaks prior to staining the ground.

The following list of areas in Table 4 were identified during the implementation of this MCM. The departments responsible for the areas were made aware of the good housekeeping requirements, and recommendations were made as identified in the SWMP. EHS personnel performs a formal inspection of these areas annually and monitors locations informally throughout the year. EHS Staff contacts department management if items are identified as a stormwater concern. This list is dynamic and will change as the campuses evolve with future redevelopment projects and departmental changes. The University also reaches out to relevant departments annually to ensure the list is accurate.

Responsible Departments: Responsible departments are listed in the table below.

Measurable Goals, Actions, and Challenges: See table 4 below

Table 4 – Areas included in University Operations Good Housekeeping Program

Main Campus:				
Building	**Location**	**Inventory (exposed)**	**Level of concern 0-4**	**Responsible Department**
FC1	West side of Facilities Complex	Scrap metal dumpster	2	PDC
		Wet saw area	2	PDC
		Sand/concrete waste area	3	PDC
		Stone/aggregate storage area	1	PDC
		Concrete blocks/bricks on pallets	0	PDC
FC4	Central building in Facilities Complex	Carts	0	PDC
		Hydraulic equipment	1	PDC
		Scrap metal	3	PDC
FC8		Mulch piles	1	FS-LS

	Northwest corner of Facilities Complex	Topsoil storage	1	FS-LS
		Sand storage	1	FS-LS
		Brush piles	0	FS-LS
		Fertilizer application tanks	3	FS-LS
East Campus	20th Street between Comal St. and Leona St.	Leaf Piles	0	FS-LS
		Staged soil, gravel, and sand piles	1	UEM
~~DMS~~	~~Southwest corner of Trinity Garage~~	~~Compost Piles~~	~~2~~	~~FS-LS~~
PRC:				
Construction Bullpen	Southwest corner of campus	Outside storage yard with revolving miscellaneous items	1	FS-LS
PRC Campus	Northwest corner of campus	Staged soil and mulch piles	1	FS-LS
ETS 188	Adjacent to Surplus	Storage yard for Electrical Dist.	1	UEM
		Cable rolls for Electrical Dist.	0	UEM
		Piping for Mechanical Dist.	1	UEM
		Transformers for Electrical Dist.	2	UEM
135/136	Fleet Maintenance/ SE Corner	Vehicles/equipment	2	FS, FS-LS, PTS
P45	Surplus Property, Northwest of campus	Outside storage yard with surplus materials	1	FS-RR

*Level of concern: 0= None, 1= Slight, 2= Moderate, 3= Significant, 4= Severe

b. Staff Training and Development

Task: Develop training to provide to departments operating affected areas.

Target: Perform 1 training per year, to be revised prior to delivery. Track number of employees who received training.

Frequency and Compliance: The University provides training to ensure that UT staff are aware of the potential pollutants and good housekeeping practices necessary to minimize the impact of their activities on stormwater runoff. EHS staff delivered multiple training sessions during the reporting period, including the topics of stormwater pollution prevention on construction sites and oil spill prevention. As a supplement to the training, EHS staff also distributes a quick reference guide to construction teams to aid in compliance. Our website was revamped in 2020 to ensure all relevant information related to stormwater was easily

accessible. Attendee rosters for live and online trainings are available upon request.

For more on education and training for construction site operators see MCM 6e.

Responsible Departments: Experienced EHS staff performs MS4 related trainings on a multitude of different topics.

Measurable Goals, Actions, and Challenges:

- This year an annual SPCC training was delivered by Jordan Miller on 2/20/2024.
- Brent McGlothin delivered live trainings on the topics of Pre-Treatment Devices, Water Discharges, Exterior Washing, Environmental Operations Standards, and Temporary Stormwater Controls for projects (Erosion and Sediment Control Plan requirements) on 4/24/2024 and 6/6/2024 respectively.
- Claire LeGrow delivered training on Green Infrastructure and Water Quality on 7/18/2024, and a SWPPP training on 8/8/2024.
- A new online training was published on UT's educational training database UTLearn on 10/19/2023. OH 115 UT Austin Stormwater Pollution Prevention Plan Training is now available to access for anyone with a UT EID (staff, faculty, students, and approved contractors). 21 people completed this training during the reporting period.
- EHS Provided on-line Hazardous Waste Management training to 2,976 employees and Hazard Communication training to 3,179 employees in the University community. Both classes cover proper disposal of hazardous materials.
- EHS maintained the online Waller Creek cleanup safety training which was launched in September 2020.

Table 5 MCM 4 Activity Summary

BMP	2023-2024 Progress
Inventory	PRC locations were inspected on 8/5/24 and Main Campus locations were inspected on 7/10/24.
Training	EHS staff delivered training sessions on stormwater pollution prevention on construction sites and oil spill prevention on campus.

MCM 5: Industrial and High-Risk Runoff

UT Austin does not operate industrial and high-risk facilities as defined by 40 CFR 122.26(d)(2)(iv)(c). On the properties covered by this permit, UT Austin does not own or operate a municipal landfill, hazardous waste treatment, disposal and recover facilities, or industrial facilities that are subject to section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). Further, UT Austin has not identified any industrial facilities on its properties that contribute a substantial pollutant loading to the storm system.

MCM 6: Construction Site Storm Water Runoff

a. Awards Programs for Construction Sites

Task: Implement an awards program for construction sites. Develop a program to reward the most compliant construction sites.

Target: Reward 1 construction site for having the lowest average number of violations on SWPPP inspections.

Frequency and Compliance: A best management practice included in the University's SWMP describes the implementation of a new "SWPPPerstar Award" program. Once per year, this program is to reward the most compliant construction site during the preceding 12-month period. Recipients are chosen based on criteria pertaining to erosion control and stormwater pollution minimization goals. The individual recognition includes a physical award and a token gift, as well as recognition of the project management team by EHS leadership.

Responsible Departments: The intention is to recognize projects and/or individuals that take a proactive approach to stormwater compliance and encourage cooperative participation in the campus' environmental programs. The award recognizes the importance of interdepartmental stewardship and teamwork between EHS and departments that execute capital projects--not only to achieve compliance with environmental regulations but also to show that UT can bring innovative solutions to stormwater management.

Measurable Goals, Actions, and Challenges: EHS presented the following awards in August 2024:

- Emily Wiegand, for being supportive in the implementation of the UT Austin Stormwater Program with multiple PDC projects.
- Jeff Hulett, contractor for maintaining exemplary site Best Management Practices at the Frank Erwin Center Demolition project.

b. BMPs for Construction Sites

Task: Require installation of phase control BMPs for active construction sites. Update and maintain erosion control construction standard. Implement program to ensure requirements are met by construction personnel.

Target: Update and maintain erosion control construction standard. Implement program to ensure requirements are met by construction personnel. Include erosion control standard and other stormwater compliance goals at 100% pre-planning and construction bid meetings to notify contractors of compliance expectations.

Frequency and Compliance: UT Austin has maintained a construction stormwater program since the SWMP was implemented during the first permitting period. The following control

measures were implemented during that period and will continue to be mandatory for all construction activities occurring on the sites covered under the UT Austin MS4 permit.

UT Austin has created Design and Construction Standard documents for all new development and significant redevelopment that is administered by PDC. Section 01 57 23: Temporary Storm Water Pollution Control is the segment of the standards that is utilized to reduce pollution and sediment loading from construction sites. This section includes BMP selection, maintenance, and inspection criteria and references the City of Austin's Drainage Criteria Manual and Environmental Criteria Manual. These references provide information on permanent and temporary controls. It was combined with a similar standard (01 57 13) previously utilized by UT System's OFPC, which is now UT Austin's PDC. The 01 57 23 Temporary Storm Water Pollution Control Standard was modified to be more comprehensive during this reporting year as part of the ongoing standards review and update process.

The Stormwater Management Design Criteria was developed for architectural and engineering professionals while designing projects on The University of Texas at Austin campuses. This criteria document was incorporated into UT's Design and Construction Standards and, at its core, requires the designs to reduce runoff volume while increasing the quality of stormwater runoff.

Construction design reviews at 55%, 75%, and 95% completion along with a series of plan review meetings with the Planning, Design and Construction groups, and contractor representatives attempt to ensure that the elements of the design and construction criteria are met. Through construction plan review, site investigation, and responses to calls received, EHS representatives ensure that BMPs are installed and maintained according to TPDES, and UT Austin Construction Standards.

During the construction phase, enforcement by construction administrators for new development and redevelopment projects consist of re-inspections of noted problems and deficiencies, and notification up the contractor's chain of command and the project manager if problems are not quickly resolved. Procedures are established and modified as necessary to assure quick, effective response to stormwater incidents that occurred. Additionally, EHS personal perform monthly inspections of all sites larger than an acre to ensure compliance with construction standards.

Responsible Departments: Design and construction standards are enforced by multiple departments, including PDC, TRT, UEM, FS-LS, and EHS.

Measurable Goals, Actions, and Challenges: EHS is a stakeholder on the Technical Review Team (TRT) and participates in the pre-construction review of UT Campus Projects affecting faculty, students, staff, and visitors. EHS and TRT share viewpoints, opinions, and expertise with our Campus Stakeholders including Deans, Faculty, Building Managers, Utilities, Facilities, and Fire Protection Services. TRT provides comments on UT Campus Renovation and New Construction projects during planning and design development imparting the expertise of UT stakeholders with architects and engineers.

In addition to the Directors, 15 EHS staff participate in the review of drawings and specification submittals. As quality stewards of our UT Campus, TRT reviewed 321 phases of pre-construction projects in 2023-2024. In addition to Main Campus, TRT also reviewed projects at PRC, McDonald Observatory (MCD), Brackenridge Apartment Complex, Brackenridge Field Laboratories (BFL), Marine Science Institute (MSI) and the Montopolis Research Center (MRC). Of the 321 reviews of drawings and specification submittals, 91 reviews included Campus Storm Water Management criteria for UT MS4 regulations.

c. VSPZ: Vegetation and Soils Protection Zone

Task: Require the designation of a Vegetation and Soils Protection Zone. Before construction, project team and contractors will create specific strategies to minimize disturbance and address treatment plans for restoration.

Target: Analyze 3 projects for feasibility of VSPZ implementation and report square footage of protected soils/vegetated areas where implemented.

Frequency and Compliance: Campus projects are usually designed property line to property line, leaving little room for dedicated protection zones. That being said, FS-LS will designate VSPZs around trees and beneficial landscape areas on sites the campus arborist and landscape architects deem ecologically valuable. On projects that do not provide VSPZs, standards ensure proposed designs include the reestablishment of natural vegetation in the form of landscaping improvements and water quality features (like rain gardens and bioswales).

Responsible Departments: Any project that goes through TRT will be evaluated on environmental impact. Stakeholders in VSPZs include FS-LS and EHS.

Measurable Goals, Actions, and Challenges: This permit year, 4 of 8 major projects included dedicated VSPZs.

- 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 oaks approximately 2,300 sf (transplants)

d. Construction Inspections

Task: EHS personnel, construction inspectors and coordinators to conduct regular inspections of construction sites.

Target: Perform monthly construction inspections at all projects with SWPPP.

Frequency and Compliance: Site inspections are conducted regularly by PDC and by EHS staff members to monitor construction sites for construction phase controls and housekeeping

issues.

- Construction coordinators working for PDC performed weekly site observations at projects with SWPPPs.
- PDC performed stormwater inspections weekly with additional post 0.5" rain event inspections as needed.
- EHS conducted monthly stormwater inspections of exterior construction projects across campus.

Responsible Departments: PDC and EHS work together to keep construction sites accountable and compliant.

Measurable Goals, Actions, and Challenges: During this reporting period, 61 inspections were conducted by EHS within the MS4 boundaries.

e. Construction Guidance Documents

Task: Maintain EHS "Construction Site Procedures for Contractors" and the PDC Contractors Handbook for distribution to contractors.

Target: Include documents in distribution of information disseminated to 100% of new contractors at the start of construction projects.

Frequency and Compliance: EHS provides briefs and training workshops as requested to UT Austin construction inspectors and coordinators to familiarize them with construction site pollution control BMPs and other SWMP requirements. The policy document *University Construction Site Procedures for Contractors* is distributed to construction site superintendents or project managers prior to initiation of the project. For other businesses not on standing contracts, EHS confirmed that the document is sent out with every contract. PDC issues new contractors a *Contractors Handbook* that includes several environmental topics with protection of stormwater as a recurring topic.

In addition to references to the SWMP in the construction standards manual, UT Austin Design and Construction Standards, and *University Construction Site Procedures for Contractors*, pre-bid and pre-construction review meetings also provide an opportunity to notify construction site operators of their responsibilities to control construction phase stormwater runoff. Comments regarding erosion control and other stormwater compliance goals are also included during pre-planning meetings and detailed technical review of construction documents.

Responsible Departments: PDC contract specialists ensure all projects not going through the TRT review process acknowledge EHS stormwater standards.

Measurable Goals, Actions, and Challenges: This year, two new guidance documents were created to aid project managers and construction site managers with the SWPPP process. These documents are called "SWPPP Quick Reference Guide for Construction Managers" and "SWPPP Quick Reference Guide for Project Managers." They are emailed to project

managers before SWPPP development. Meetings are held with project managers and construction site managers to discuss stormwater compliance during the design phase.

In August of 2024, the procedures were sent to all businesses holding job order contracts for acknowledgement. These signed acknowledgements are available upon request.

f. Water Quality and Construction Projects

Task: EHS and construction site managers will collaborate to ensure that projects incorporate strategies to improve water quality.

Target: Review a minimum of 3 projects in design phase with the potential for water quality improvement infrastructure and report the number of projects where water quality improvements were incorporated.

Frequency and Compliance: 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 8,000 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).

Responsible Departments: EHS reviews the plan sets of all projects meeting the Water Quality criteria to confirm they provide the treatment volume set by the standard.

Measurable Goals, Actions, and Challenges: The projects listed in Table 6 all required a review from EHS to ensure they met water quality standards:

Table 6 – Construction Projects >1 Acre

Building/Project Name	Scope	Timeframe	TPDES #
Engineering Discovery Building (Service Building Demo)	Demoltion and New Construction	10/9/23-6/13/26	TXR1543OH
Library Storage Facility Phase IV	New Construction	9/1/23-2/27/25	N/A (<5 acres)
Microelectronic and Engineering Research Center Cleanroom Expansion	New Building Addition	8/24/22-7/15/25	N/A (<5 acres)
Erwin Center Demolition	Demolition	10/2/23-10/15/24	TXR1543OH
Graduate Student Housing (Private Partnership)	New Construction	4/14/22-6/14/24	TXR1517IS
Dobie Garge Demolition/Undergraduate School of Business (Private Partnership, COA MS4)	Demoltion and New Construction	7/11/24-7/27	N/A (<5 acres)
Whitis Court (Private Partnership)	Demoltion and New Construction	7/1/24-7/27	N/A (<5 acres)
Football Training Complex (Private Partnership)	Demoltion and New Construction	10/10/24-10/27	TXR1561RJ

g. Permitted Construction Sites

Task: EHS to maintain a list of all construction sites occurring on UT Austin campuses affected by this SWMP.

Target: Maintain list containing 100% of permitted construction sites.

Frequency and Compliance: EHS maintains this list.

Responsible Departments: EHS maintains this list.

Measurable Goals, Actions, and Challenges: This list is available upon request.

h. BMPs at Sites

Task: EHS to maintain a list of BMPs installed at construction sites >1 acre.

Target: Maintain a list detailing the number of construction sites using specific types of BMPs.

Frequency and Compliance: A list of specific BMPs in use was maintained for the active construction sites with outdoor disturbance >1 acre based on EHS observations during site inspections. BMP types included: three variations of stabilized construction exit, perimeter controls such as silt fences, tri-dikes, and erosion eels, and three different dewatering methods.

Responsible Departments: EHS maintains this list.

Measurable Goals, Actions, and Challenges: This list is available upon request.

Table 7 – MCM 6 Activity Summary

BMP	2023-2024 Progress
Implement an awards program for construction sites	EHS implemented the SWPPPerstar Award in November 2020 for contributing to the University's stormwater compliance goals.
Require installation of phase control BMPs for active construction sites	Erosion control and stormwater compliance goals were included in comments during the revision of 321 projects.
Require the designation of VSPZs	VSPZs were designated at four construction projects for a total of 33,025 square feet of preserved soils.
Inspection of construction sites for compliance with phase control installation and maintenance	EHS performed 61 monthly inspections of exterior projects within the MS4 boundaries.
Maintain and distribute developed guidance documents	The procedures are distributed to all contractors performing construction on UT Austin campuses.
Include water quality impacts of construction projects	During this reporting period, all 8 applicable projects are incorporating water quality improvement infrastructure.
Maintain list of permitted construction sites	EHS maintained a list of all permitted construction sites, 8 sites were identified as requiring stormwater controls.
Maintain list of BMPs installed at construction sites	A list of specific BMPs in use was maintained for the 8 active construction sites with outdoor disturbance > 1 acre.

MCM 7: Public Outreach and Education

a. Pollution Hotline

Task: Maintain pollution "hotline" for the reporting of illicit discharges. Respond to calls or incidences affecting surface water quality of receiving stream segments.

Target: Report 100% of responses/incidents involving stormwater.

Frequency and Compliance: An environmental reporting line has been established at UT EHS. The phone number (512) 471-3511 is manned from 8 AM - 5 PM on weekdays. After hours, this number has a message that directs callers to the University Police Department (UTPD) for pollution issues.

Responsible Departments: UTPD has the EHS on-call phone number. On-call personnel are trained to respond to incidents and to bring in additional resource personnel when necessary.

Measurable Goals, Actions, and Challenges: EHS maintains a pollution hotline and responds to calls from the concerned public. This phone number is advertised in university publications, such as the Daily Texan newspaper, and on the Environmental Health and Safety website: http://www.ehs.utexas.edu/. This year EHS responded to 27 incidents that were stormwater related (outdoor spills, waterline breaks, pollution investigations, etc.). These incidents are recorded on an accessible database as well as internal files for record keeping.

b. Published Announcements and Social Media

Task: Publish announcements in Daily Texan newspaper and UT Austin Office of Campus Safety Social Media.

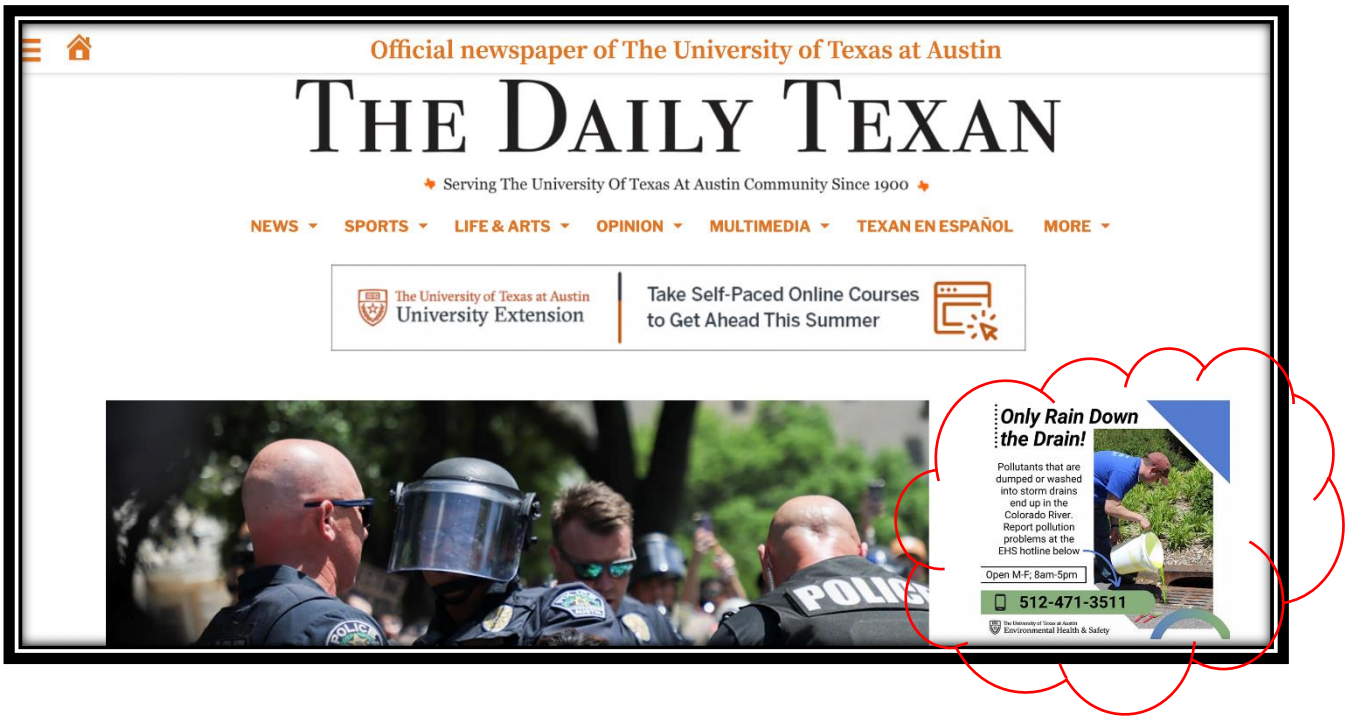
Target: Develop and publish the announcements to educate students, staff, and faculty on MS4 protection, and proper waste management. Target includes two posts in The Daily Texan and 12 social media posts.

Frequency and Compliance: Advertisements for environmental programs are published twice a year (Spring/Fall) in the Daily Texan, and posts are made via social media on a monthly basis. EHS lost access to the Office of Campus Safety social media pages during this reporting period due to executive leadership and departmental restructuring. EHS now posts monthly on the Campus Operations social media pages and have lost a significant number of views in the transfer. That being said, EHS works with the Longhorns Don't Litter student organization to boost outreach via their social media and advertising campaigns.

Responsible Departments: EHS is responsible for social media and advertising.

Measurable Goals, Actions, and Challenges: EHS published two announcements in The Daily Texan. EHS posted (12) monthly social media posts on the UT Austin Office of Campus Safety accounts which were viewed by 1,112 people on X, formally Twitter. Content includes language educating UT students, staff, and faculty on ways to protect the MS4, as well as educational articles and promotion of outreach events.

Figure 1 Spring 2024 Advertisement in The Daily Texan



c. Storm Drain Labeling Program

Task: Continue to inspect and label existing storm drains with missing labels. Label new storm drains as a result of development or redevelopment.

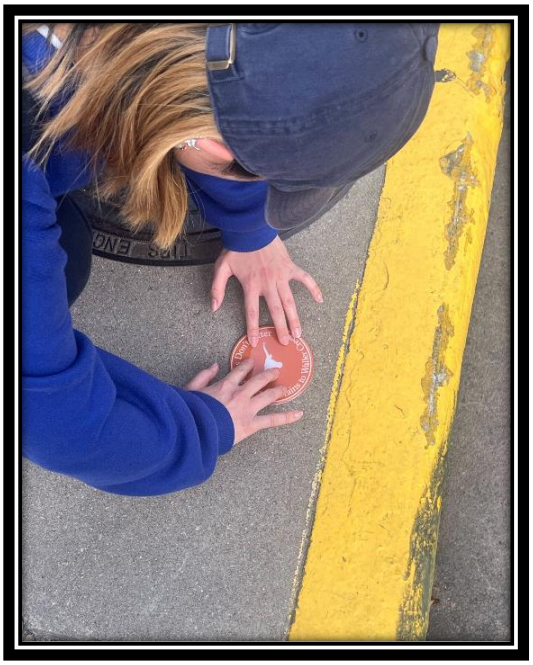
Target: Label 10 existing storm drains and 100% of new storm drains.

Frequency and Compliance: EHS sponsors a student group, Longhorns Don't Litter, dedicated to reducing pollution on campus. LDL redesigned EHS's storm drain labels in 2022 to be specific to Waller Creek as part of an advertising campaign and are given 50 storms drain labels to install every year. This fiscal year continued the ongoing program to mark storm drains to prevent unintentional dumping of unauthorized materials.

Responsible Departments: EHS, with the help of students.

Measurable Goals, Actions, and Challenges: Over the reporting year, more than 50 storm drain markers were installed on storm drains that were newly constructed as part of a project or to replace an existing broken marker. This was in conjunction with the Longhorns Don't Litter student organization. This program has been incredibly successful in relabeling storm drains whose "No Dumping" labels have fallen off due to weathering. These biannual storm-drain-labeling events are led by EHS staff and focus on labeling new drains as they come online with campus development.

Figure 2 Student Installing "Longhorn's Don't Litter" Storm Drain Label



d. Stakeholder Involvement

Task: Meet with SWMP Working Group annually to discuss areas of improvement.

Target: Report 100% of proposed additions or changes to SWMP.

Frequency and Compliance: To maintain stakeholder involvement, EHS conducts an annual review of the SWMP for any necessary updates.

Responsible Departments: MS4 stakeholders include (but are not limited to) EHS, PDC, UEM, LS, Sustainability, and Texas Athletics.

Measurable Goals, Actions, and Challenges: In May 2023, EHS held a meeting to discuss proposed changes with a working group, comprised of representatives from every involved department. EHS has been waiting for the new MS4 permit to be issued (application submitted to TCEQ March of 2023), but TCEQ has not provided updated information. The stakeholder meeting will be delayed until an MS4 permit and update SWMP have been issued.

Table 8– MCM 7 Activity Summary

BMP	2023-2024 Progress
Maintain pollution "hotline" for the reporting of illicit discharges	EHS received and responded to 10 calls related to stormwater issues from the concerned public.
Publish announcements in the Daily Texan newspaper and UT Austin Office of Campus Safety Social Media	Two advertisements were posted in The Daily Texan and there were 26 MS4 related posts to social media.
Storm Drain Labeling Program	50+ storm drains were labeled.
Stakeholder Involvement	EHS held a meeting with the stakeholder working group in May 2023.

MCM 8: Monitoring, Evaluation, and Reporting

a. Dry Weather Screening Results

Task: Survey outfalls during dry weather periods to identify outfalls discharging.

Target: Survey 20% of outfalls annually.

Frequency and Compliance: A survey of the complete inventory of all outfalls in the creek was completed in the 2018-2023 permit term. Per MCM 3-4, the 2023-2024 dry weather screening program accomplished a survey of all 18 outfalls over 36".

Responsible Departments: EHS screens outfalls and UEM-MD maintains them.

Measurable Goals, Actions, and Challenges: A new SWMP has not been issued by TCEQ. EHS will continue with the current dry weather screening protocol until a new permit is issued. In this permit year EHS performed a survey of all 18 outfalls over 36".

b. Wet Weather Screening Results

Task: Visually assess stormwater quality from designated locations within 24-hours of qualifying rain event.

Target: Observe all 14 locations and identify pollutant discharge events.

Frequency and Compliance: The Wet Weather Screening Program is a visual assessment, which provides a post-storm event evaluation of the stormwater runoff to campus area waterways. There are 14 sites included that provide assessments of stormwater flow in the following watersheds: Waller Creek, Lady Bird Lake (formerly Town Lake), Johnson Creek, and Shoal Creek. For the purposes of this screening program, a storm event is defined as any event with greater than 0.10 inches of rain. Each site was visited within 24 hours of a storm event, which was recorded at inches of precipitation. EHS staff review each screening site assessment for indications of elevated pollutant levels. Observations are recorded for the various items and rated on a scale of 0-3 with 3 being a severe impact to water quality. All ratings for impact to creeks were rated at a level of concern of "1" or below for this reporting period. According to the program response protocol, if any site receives two or more level

"3" ratings, or if aquatic life appears to be affected, the University will act. Consequently, no actions were initiated. If during an assessment, site conditions indicate that an acute pollutant event may have occurred, EHS spill response personnel are to be notified immediately, and an investigator will respond to initiate a detailed investigation of the situation.

Responsible Departments: EHS completes Wet Weather Screening surveys.

Measurable Goals, Actions, and Challenges: This screening is formally completed once a year, however staff typically take time to monitor high runoff areas after large storm events as a preventative measure. Data collected for the Wet Weather Screening conducted in May and October 2024 is summarized in Table 9.

Table 9 –Data collected during Wet Weather Screening:

Site #	Location	Watershed	Oily Sheen	Discolored Water	Turbid Water	Trash or Debris	Odor Detected	Aquatic Life Affected	Other Comments
1	N Whitaker Field	Waller Creek	0	0	0	1	N	N	Some Trash; Minimal Impact on flow
2	S Whitaker Field	Waller Creek	0	0	0	2	N	N	Buildup against tree 60' from S End
3	Speedway, (SE, Bridge on Hemphill Branch)	Waller Creek	0	0	0	0	N	N	N/A
4	Dean Keaton (S, Bridge on East Fork)	Waller Creek	0	0	0	0	N	N	N/A
5	24th St. (Bridge)	Waller Creek	0	0	0	0	N	N	N/A
6	21st St. (Bridge)	Waller Creek	0	0	0	0	N	N	N/A
7	MLK Blvd.	Waller Creek	0	0	0	1	N	N	N/A
8	15th St. (Bridge)	Waller Creek	0	0	0	0	N	N	N/A
9	SW corner – Colorado Apts.	Lady Bird Lake	0	0	0	0	N	N	N/A
10	N end of creek – Gateway Apts.	Johnson Creek	0	0	0	0	N	N	N/A
11	S end of creek – Gateway Aps.	Johnson Creek	0	0	0	0	N	N	N/A
12	SE corner – PRC	Shoal Creek	0	0	0	0	N	N	N/A
13	SW Corner – PRC	Shoal Creek	0	0	0	0	N	N	N/A
14	NW corner - PRC	Shoal Creek	0	0	0	0	N	N	N/A

Level of Concern Legend: 0=No impact observed, 1=Minimal impact observed, 2=Moderate impact observed, 3=Severe impact observed.

EHS staff retain all wet weather screening field observation forms as required by the permit.

c. Monitoring High-Risk Areas

Task: Monitor those facilities identified as potentially high-risk within MS4 permitted area(s).

Target: Inspect or monitor 1 potentially high-risk area a year.

Frequency and Compliance: The University does not operate industrial & high-risk facilities as defined by 40 CFR 122.26(d)(2)(iv)(C). On the properties covered by this permit, The University does not own or operate a municipal landfill, hazardous waste treatment, disposal and recovery facilities, or industrial facilities that are subject to section 313 or Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). In accordance with Section V of the SWMP, the University has attempted to identify sources in anticipation of submitting an approvable industrial and high-risk monitoring program. The University does not have any industrial facilities on its property and to date has not identified any facilities that contribute a substantial pollutant loading to the storm sewer system. The University will continue to evaluate the need for an industrial and high-risk runoff inspection and monitoring program even though it currently does not operate these types of facilities.

Several UT Austin facilities in which activities or materials handled might be considered a risk to surface water have been designed or redesigned with architectural and structural control to prevent stormwater contact with potential pollutants. Consequently, UT Austin requested a certification of "no exposure" from those structures.

Responsible Departments: EHS conducts site inspections of these facilities during the permit term.

Measurable Goals, Actions, and Challenges: In the 2023-2024 reporting period, EHS staff inspected the PRC Waste Management Area (CTB). No violations were found onsite. A copy of the inspection report is available on request.

d. Sampling and Analysis of Storm Events

Task: Collect samples at designated outfall from qualifying rain events.

Target: Collect sample from 1 qualifying rain event and have analytical tests according to permit requirements to properly characterize discharge(s).

Frequency and Compliance: The stormwater monitoring program occurred during permit years one through five and has been continued on a quarterly basis since initiation. One flow-weighted composite sample is collected from the outfall during a storm event occurring in the following periods: September – November, December – February, March – May, June – August. In the event that the University finds it necessary to propose alternate monitoring locations, all appropriate requests will be made to the TCEQ Executive Director as per Part IV.A.4 of the University's permit.

Responsible Departments: EHS is responsible for quarterly storm samples and analytics.

Measurable Goals, Actions, and Challenges:

Sample Collection: Stormwater monitoring currently consists of the collection of composite stormwater samples using an automatic water quality sampler (ISCO 6712 Portable Sampler and an ISCO Signature Flow Meter), both installed in July 2014. The sample aliquots are collected for at least the first three hours of runoff once the qualifying rain event has been confirmed, or for the entire period of discharge if the duration is less than 3 hours. Sample aliquots are collected based on equal volumes of runoff. In addition to the composite sample, grab samples are collected at the outfall during the first 2 hours of runoff of the same storm event. In the event of equipment failure, composite samples
are collected during the first three hours of a qualifying storm event by collecting a minimum of 4 grab samples taken a minimum of 15 minutes apart.

Site location: The stormwater monitoring program consists of one monitoring site at an outfall located in Waller Creek:

Table 10- Stormwater Monitoring Site Location:

Watershed	Monitoring site Location	Drainage Area (acres)	Land Use	Receiving Water Body (segment no.)
Waller Creek	San Jacinto @ 24th St.	33.5	Mixed educational	1429

The selected monitoring location represents the following educational site land use categories:

- Academic & administrative buildings 65%
- Student residential 20%
- Green space (no impervious cover) 15%

Sample Parameters: The stormwater monitoring composite and grab samples are tested for the parameters listed in Table 14 at a NELAC certified water quality laboratory. The following information was collected for each sampled storm in addition to the event, which mean concentration data collected from laboratory analyses:

- Rainfall start time.
- Composite sampler initiation time
- Grab sample collection times.
- Rainfall depth (in.)
- Duration of the intervening dry period (days)

Pollutant loading is computed for sampled events. For the purposes of this monitoring program, rainfall less than 0.10 inches will not be reported. Rainfall events (>0.10 in.) shall be separated by at least 72 hours for sampling purposes.

Table 11 – Stormwater Sampling Parameters:

Parameter	Sample Type
Water Temperature	Grab
BOD, 5-day	Composite
COD	Composite
pH	Grab
Total Suspended Solids	Composite
Oil & Grease	Grab
Total Nitrogen (as N)	Composite
Total Kjeldahl Nitrogen (as N)	Composite
Nitrate plus Nitrite	Composite
Total Phosphorus (as P)	Composite
Dissolved Phosphorus	Composite
Total Hardness	Grab
Chlorides (as Cl)	Composite
Total Sulfate (as SO4)	Composite
Total Cadmium (as Cd)	Composite
Total Copper (as Cu)	Composite
Total Lead (as Pb)	Composite
Total Silver (as Ag)	Composite
Total Zinc (as Zn)	Composite
Enterococci	Grab
DDT 4,4	Composite
DDD 4,4	Composite
DDE 4,4	Composite
Chlordane (Tech Mix)	Composite
Total PCBs	Composite
Atrazine	Composite
Total Dissolved Solids	Composite
E. Coli	Grab

EHS Staff collected water quality samples during two qualifying storm events. The dates and storm characteristics are detailed in Table 15. The storms monitored met the minimum requirement of > 0.10 inches (2.54 mm) of rain and the 72-hour antecedent dry period without measurable rainfall (> than 0.10 inches). Quarters 1 and 3 produced no qualifying rain events during working hours. Documentation of the rain events and attempts to obtain samples are available in Appendix C. The Lower Colorado River Authority (LCRA) Environmental Laboratory performed analyses of the samples, and the results are presented in the Discharge Monitoring Reports included in Appendix C.

Table 12 – Description of Monitored Storm Events

Quarter	Date	Rainfall (inches)	Antecedent Dry Period (days)
1	--	--	--
2	12/15/23	0.21	36
3	--	--	--
4	7/18/24	0.40	28

Table 13 – MCM 8 Activity Summary

BMP	2023-2024 Progress
Dry weather screening	All major outfalls (> 36 inches in diameter) were screened.
Wet weather screening	EHS staff visually assessed all locations in October and November 2023 and May 2024.
High risk runoff monitoring	The Chemical Transfer Building was inspected by EHS staff, and no deficiencies were noted.
Storm event discharge monitoring	A sample was collected from a qualifying rain event during 2 of 4 quarters during the 2023-2024 reporting period.

TMDL Compliance

a. Pet Waste Collection Stations, Maintenance, and Public Education

Task: Identify several high-traffic areas on the outskirts of main campus to install pet waste collection stations. Maintain these pet waste collection stations. Develop a campaign to educate new and existing pet owners about water quality impacts of pet waste.

Target: Install two pet waste collection stations, maintain 100% of collection stations, and report publication dates of one article or advertising material.

Frequency and Compliance: FS-LS maintains the stations on a weekly basis with pet waste bags provided by EHS. In addition, EHS promotes public education about the responsibility of cleaning up after our pets using social media posts.

Responsible Departments: This TMDL is fulfilled through an ongoing collaboration between EHS, PDC, and LS-FS.

Measurable Goals, Actions, and Challenges: Through collaboration of FS-LS, EHS, and PDC, 9 pet waste collection stations were installed in April 2021. The stations were installed adjacent to trash cans at locations currently having problems with pet waste, near open lawn areas, and close to Waller Creek.

Figure 3 Social Media Post from September 2023

b. Bacterial Load Reductions

Task: Work cooperatively with the COA and explore additional locations for BMPs which have proven successful. Monitor for effectiveness.

Target: Report 1 project where bacteria-reducing BMPs were designed or implemented. Monitor bacteria levels at 3 locations along Waller Creek on a quarterly basis.

Frequency and Compliance: On a quarterly basis, EHS monitors bacterial 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.

Projects that incorporated water quality BMPs this permit term are listed under MCM 6f.

Responsible Departments: EHS and PDC.

Measurable Goals, Actions, and Challenges: Quarterly E.coli monitoring results are listed in the table below.

Table 14 – Seasonal Bacterial Load

Site	Units	Q1 11/28/23	Q2 2/8/24	Q3 6/3/24	Q4 8/19/24
SER	MPN/100ml	279	2420	4840	>4840
21st Street		291	579	435	816
15th Street		19.9	203	1730	108

c. Sanitary Sewer Maintenance

Task: UEM to continue the process of surveillance and maintenance of damaged sanitary lines to prevent blockage and bypass.

Target: See MCM 3d.

Frequency and Compliance: See MCM 3d.

Responsible Departments: UEM-MD.

Measurable Goals, Actions, and Challenges: In their effort to fully inspect the sewer system every permit term, UEM hired a third party who completed an inspection of the entire sanitary sewer system in March 2021. EHS and UEM developed a SOP (finalized May 2021) outlining departmental responsibilities for responses to water and wastewater emergencies such as sanitary sewer overflows. This water quality SOP ensures the most efficient response is taken to minimize negative environmental impact.

Table 15 – TMDL Activity Summary

BMP	2023-2024 Progress
Pet waste collection stations	9 stations were maintained.
Pet waste maintenance	Maintenance responsibilities continue on a weekly basis.
Pet waste public education campaign	Social media posts regarding pet waste were published in September 2023.
Maintain sanitary sewer system	UEM hired a third party who completed an inspection of the entire sanitary sewer system in March 2021.

III. Evaluation and Recommendations

The University of Texas at Austin has been a Phase I permitted Municipal Separate Storm Sewer System (MS4) for over 20 years. Initially, the University was a co-permittee with the City of Austin under the National Pollution Discharge Elimination System (NPDES) permit administered by the US Environmental Protection Agency (EPA). With the renewal of the MS4 permit under the Texas Commission on Environmental Quality (TCEQ) in 2001 the University became the sole operator and permittee of the University's MS4.

The University of Texas at Austin does not appear to meet the requirements of a typical Phase I MS4 but does meet all conditions to be qualified as a Phase II (small) MS4 in accordance with General Permit TXR040000. We are requesting that the University be permitted to apply for coverage under general permit TXR040000 as a Phase II MS4 when the new permit is issued in 2025. Our desire is to apply for coverage under this permit like all other entities within the state that meet the Phase II criteria. The University would willingly maintain the current SWMP and permit conditions until such time as coverage under TXR040000 is granted.

The University feels this request is justified for the following reasons:

First, requiring the University to maintain a Phase I MS4 individual permit is taxing to the University's operations. As a publicly funded institution of higher learning, the University is required to comply with all conditions of a Phase I MS4 permit but is unable to implement policies that help offset the costs associated with operating a Phase I MS4. Staffing and budget considerations make it difficult to meet the numerous required Minimum Control Measures needed to comply with the Phase I Permit.

Second, The University of Texas at Austin falls entirely within the municipal boundaries of the City of Austin, which is a major metropolitan area that has its own Phase I MS4 permit. All University properties discharge to the City's MS4 and the University works closely with the City on stormwater related issues.

Finally, to the best of our knowledge, no entity in the state of Texas that is not a major metropolitan area is required to maintain a Phase I MS4 individual permit except The University of Texas at Austin.

IV. Appendices

Appendix A – Identification of Water Quality Improvements of Degradation
Appendix B – Annual Expenditures and Projected Expenditures
Appendix C – Receipts of Discharge Monitoring Report (DMR) Submission

Appendix A: Identification of Water Quality Improvements or Degradation

Program Measure	Pollutant Reduction
Hazardous Waste Disposed	191, 861 pounds
Biological Waste Disposed	79, 82 pounds
Material collected from storm curb inlets	7,800 pounds (UEM), 2.8 cubic yards (FS-LS)
Litter and trash from outside trash cans	220 cubic yards (FS-LS) and 5,800 pounds (UHD)
Landscape waste composted or reused as mulch	254 cubic yards (FS-LS)
Single stream recycling	593 tons
Floatable monitoring Stations collections	4 cubic yards debris removed
Waller Creek Clean-up (trash removed from creek)	1,003 pounds trash (10 cleanup events)

Water Reuse Data:

Rainwater collected for irrigation:

- Dealy Center for New Media: 100,000 gal captured via cistern.
- FC8: 55,000 gal captured via cistern.

Rainwater and COA reclaimed water used for irrigation:

- Health Center Garage: 2,867,000 gallons captured via cistern.

COA reclaimed water used for irrigation:

- Dell Pediatric Institute: 500,000 gallons
- Park @ Dean Keeton & San Jac: 125,000 gallons

Appendix B: Annual Expenditures and Projected Expenditures

The three departments primarily responsible for compliance with the TPDES permit are Environmental Health & Safety, Facilities Services, and Utilities & Energy Management. These three organizations have a combined annual operating budget of approximately $110,000,000. The funding for these budgets is provided by state appropriations for the operation and maintenance of Education and General Facilities and can be used to supplement the annual allocation to the Storm Water Management Program, as necessary. The annual budgets of these three areas directly supplement the Storm Water Management Program in the form of support from staff at various levels in all three organizations.

The University of Texas at Austin formally budgets funds to the Storm Water Management Program for activities, equipment, and other expenses directly related to this permit. State appropriated funds may not be used in support of auxiliary operations (e.g., University Housing and Dining, Intercollegiate Athletics, etc.). The cost of additional storm water management programs and activities related to auxiliary operations are charged to the specific entity involved and funded from the user fees associated with the specific auxiliary.

The institution does not anticipate the implementation of large-scale stormwater utility projects. Additions or upgrades to existing systems are funded as a part of operation budgets, or as a result of major building programs included in the total project cost of the new construction.

Operational Areas	Actual Expenditures 09/01/23 – 08/31/24	Projected Expenditures 09/01/24 – 08/31/25
Areas of New Development & Redevelopment[1]	$2,635,000.00	$3,000,000.00
Illicit Discharges & Improper Disposal	$100,000.00	$100,000.00
Spill Prevention & Response	$5,000.00	$5,000.00
Construction Site Runoff[2]	$486,343.00	$500,000.00
Public Education	$4,497.00	$5,000.00
Monitoring Programs[3]	$82,000.00	$85,000.00
Part V Representative Monitoring	$6,800.00	$7,000.00
Total	$3,483,015.00	$3,813,600.00

The above expenses describe activities that require specific stormwater expenditures. They do not include salaries or normal maintenance activities which would occur regularly, such as construction site inspections and picking up litter by regular staff.

[1]Areas of New Development & redevelopment SWMP Category is estimated from 0.5% of total construction costs for Capital Projects development.

[2]Construction Site Runoff SWMP Category is estimated from 0.5% of total construction cost for exterior projects.

[3]Based on the 60% of wages of EHS staff utilized to manage Monitoring programs.

Appendix C: Receipts of Discharge Monitoring Report (DMR) Submissions (Attached)

1st Quarter Monitoring Period: September - November
No Sample Collected. Results were submitted electronically through NetDMR (see attached).

2nd Quarter Monitoring Period: December - February
Sample collected December 15th, 2023. Results were submitted electronically through NetDMR (see attached).

3rd Quarter Monitoring Period: March – May
No Sample Collected. Results were submitted electronically through NetDMR (see attached).

4th Quarter Monitoring Period: June – August
Sample collected July 18th, 2024. Results were submitted electronically through NetDMR (see attached).

DMR Copy of Record

Permit					
Permit #:	**TXS000403**	**Permittee:**	UNIVERSITY OF TEXAS AT AUSTIN	**Facility:**	UNIVERSITY OF TEXAS AT AUSTIN MS4
Major:	Yes	**Permittee Address:**	PO BOX 7729 AUSTIN, TX 78713	**Facility Location:**	CORPORATE BOUNDARY OF CITY OF AUSTIN ZIP CODES:78703;78705;78712;78751;AND 78758 AUSTIN, TX 78703
Permitted Feature:	001 External Outfall	**Discharge:**	**001-Q** MS4 - 001		
Report Dates & Status					
Monitoring Period:	**From 12/01/22 to 11/30/23**	**DMR Due Date:**	**03/20/24**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
SEASONAL MONITORING PERIODS ARE: SEPT - NOV; DEC - FEB, MARCH - MAY; AND JUNE- AUG.					
Principal Executive Officer					
First Name:	James	**Title:**	Senior Vice President COO	**Telephone:**	512-471-1232
Last Name:	Davis				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	**Temperature, water deg. centigrade**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	04 - deg C		01/SN - Once Per Season	GR - GRAB
					Value NODI											C - No Discharge				
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI											C - No Discharge				
00340	**Oxygen demand, chem. [high level] [COD]**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI											C - No Discharge				
00400	**pH**	1 - Effluent Gross	0	--	Sample														
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/SN - Once Per Season	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI											C - No Discharge				
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	GR - GRAB
					Value NODI											C - No Discharge				
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI											C - No Discharge				
00625	**Nitrogen, Kjeldahl, total [as N]**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI											C - No Discharge				
00630	**Nitrite + Nitrate total [as N]**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI											C - No Discharge				
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI											C - No Discharge				
00666	**Phosphorus, dissolved**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI											C - No Discharge				
00900	**Hardness, total [as CaCO3]**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	GR - GRAB
					Value NODI											C - No Discharge				
00940	**Chloride [as Cl]**	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS

					Value NODI											C - No Discharge					
00945	**Sulfate, total [as SO4]**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
01077	**Silver, total [as Ag]**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
39033	**Atrazine**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
39350	**Chlordane [tech mix. and metabolites]**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
39360	**DDD in whole water sample**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
39365	**DDE**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
39370	**DDT**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
39516	**Polychlorinated biphenyls [PCBs]**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					
51040	**E. coli**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	30 - MPN/100mL		01/SN - Once Per Season	GR - GRAB	
					Value NODI											C - No Discharge					
61211	**Enterococci**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	3Z - CFU/100mL		01/SN - Once Per Season	GR - GRAB	
					Value NODI											C - No Discharge					
70295	**Solids, total dissolved**	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS	
					Value NODI											C - No Discharge					

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. Unable to collect sample this quarter due to lack of qualifying event.

Attachments

No attachments.

Report Last Saved By

UNIVERSITY OF TEXAS AT AUSTIN

User: CLAIRELEGROW

Name: Claire LeGrow

E-Mail:	claire.legrow@austin.utexas.edu
Date/Time:	2023-12-04 10:30 (Time Zone: -06:00)
Report Last Signed By	
User:	irezamaa
Name:	Irezama Anderson
E-Mail:	nanderson@austin.utexas.edu
Date/Time:	2023-12-04 10:36 (Time Zone: -06:00)

DMR Copy of Record

Permit					
Permit #:	**TXS000403**	**Permittee:**	UNIVERSITY OF TEXAS AT AUSTIN	**Facility:**	UNIVERSITY OF TEXAS AT AUSTIN MS4
Major:	Yes	**Permittee Address:**	PO BOX 7729 AUSTIN, TX 78713	**Facility Location:**	CORPORATE BOUNDARY OF CITY OF AUSTIN ZIP CODES:78703;78705;78712;78751;AND 78758 AUSTIN, TX 78703
Permitted Feature:	001 External Outfall	**Discharge:**	**001-A** MS4 - 001		
Report Dates & Status					
Monitoring Period:	**From 03/01/23 to 02/29/24**	**DMR Due Date:**	**03/20/24**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
SEASONAL MONITORING PERIODS ARE: SEPT - NOV; DEC - FEB, MARCH - MAY; AND JUNE- AUG.					
Principal Executive Officer					
First Name:	James	**Title:**	Senior Vice President COO	**Telephone:**	512-471-1232
Last Name:	Davis				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00010	**Temperature, water deg. centigrade**	1 - Effluent Gross	0	--	Sample										=	18.9	04 - deg C		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	04 - deg C		01/SN - Once Per Season	GR - GRAB
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample										=	19.0	19 - mg/L		01/SN - Once Per Season	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI															
00340	**Oxygen demand, chem. [high level] [COD]**	1 - Effluent Gross	0	--	Sample										=	104.0	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.8			=	8.06	12 - SU		01/SN - Once Per Season	CP - COMPOS
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/SN - Once Per Season	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample										=	72.0	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample										<	2.5	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	GR - GRAB
					Value NODI															
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	0	--	Sample										=	3.15	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI															
00625	**Nitrogen, Kjeldahl, total [as N]**	1 - Effluent Gross	0	--	Sample										=	2.18	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI															
00630	**Nitrite + Nitrate total [as N]**	1 - Effluent Gross	0	--	Sample										=	0.974	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI															
00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Sample										<	0.294	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI															
00666	**Phosphorus, dissolved**	1 - Effluent Gross	0	--	Sample										<	0.02	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Value NODI															
00900	**Hardness, total [as CaCO3]**	1 - Effluent Gross	0	--	Sample										=	39.8	19 - mg/L		01/SN - Once Per Season	GR - GRAB
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	GR - GRAB
					Value NODI															
00940	**Chloride [as Cl]**	1 - Effluent Gross	0	--	Sample										=	6.85	19 - mg/L		01/SN - Once Per Season	CP - COMPOS
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - COMPOS

					Value NODI																		
00945	**Sulfate, total [as SO4]**	1 - Effluent Gross	0	--	Sample											=	4.56	19 - mg/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	19 - mg/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample											<	1.0	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample											=	158.0	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample											=	16.3	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
01077	**Silver, total [as Ag]**	1 - Effluent Gross	0	--	Sample											<	0.5	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample											=	159.0	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
39033	**Atrazine**	1 - Effluent Gross	0	--	Sample											<	0.101	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
39350	**Chlordane [tech mix. and metabolites]**	1 - Effluent Gross	0	--	Sample											<	0.2	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
39360	**DDD in whole water sample**	1 - Effluent Gross	0	--	Sample											<	0.0103	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
39365	**DDE**	1 - Effluent Gross	0	--	Sample											<	0.0103	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
39370	**DDT**	1 - Effluent Gross	0	--	Sample											<	0.0103	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
39516	**Polychlorinated biphenyls [PCBs]**	1 - Effluent Gross	0	--	Sample											<	0.2	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	28 - ug/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		
51040	**E. coli**	1 - Effluent Gross	0	--	Sample											>	4840.0	30 - MPN/100mL			01/SN - Once Per Season	GR - GRAB	
					Permit Req.												Req Mon DAILY MX	30 - MPN/100mL			01/SN - Once Per Season	GR - GRAB	
					Value NODI																		
61211	**Enterococci**	1 - Effluent Gross	0	--	Sample											=	4840.0	3Z - CFU/100mL			01/SN - Once Per Season	GR - GRAB	
					Permit Req.												Req Mon DAILY MX	3Z - CFU/100mL			01/SN - Once Per Season	GR - GRAB	
					Value NODI																		
70295	**Solids, total dissolved**	1 - Effluent Gross	0	--	Sample											=	103.0	19 - mg/L			01/SN - Once Per Season	CP - COMPOS	
					Permit Req.												Req Mon DAILY MX	19 - mg/L			01/SN - Once Per Season	CP - COMPOS	
					Value NODI																		

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

UNIVERSITY OF TEXAS AT AUSTIN

User: irezamaa

Name: Irezama Anderson

E-Mail:	nanderson@austin.utexas.edu
Date/Time:	2024-03-18 10:16 (Time Zone: -05:00)
Report Last Signed By	
User:	irezamaa
Name:	Irezama Anderson
E-Mail:	nanderson@austin.utexas.edu
Date/Time:	2024-03-18 10:16 (Time Zone: -05:00)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the NPDES eReporting Help Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:	**TXS000403**	**Permittee:**	UNIVERSITY OF TEXAS AT AUSTIN	**Facility:**	UNIVERSITY OF TEXAS AT AUSTIN MS4
Major:	Yes	**Permittee Address:**	PO BOX 7729 AUSTIN, TX 78713	**Facility Location:**	CORPORATE BOUNDARY OF CITY OF AUSTIN ZIP CODES:78703;78705;78712;78751;AND 78758 AUSTIN, TX 78703
Permitted Feature:	001 External Outfall	**Discharge:**	**001-B** MS4 - 001		

Report Dates & Status

Monitoring Period:	**From 06/01/23 to 05/31/24**	**DMR Due Date:**	**03/20/25**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: SEPT - NOV; DEC - FEB, MARCH - MAY; AND JUNE- AUG.

Principal Executive Officer

First Name:	John	**Title:**	Executive Director Safety and Compliance	**Telephone:**	512-471-3511
Last Name:	Salsman				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	**Temperature, water deg. centigrade**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	04 - deg C		01/SN - Once Per Season	GR - Grab
					Value NODI											C - No Discharge				
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
00340	**Oxygen demand, chem. [high level] [COD]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
00400	**pH**	1 - Effluent Gross	0	--	Sample															
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/SN - Once Per Season	GR - Grab
					Value NODI							C - No Discharge				C - No Discharge				
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	GR - Grab
					Value NODI											C - No Discharge				
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
00625	**Nitrogen, Kjeldahl, total [as N]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
00630	**Nitrite + Nitrate total [as N]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
					Sample															

00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
00666	**Phosphorus, dissolved**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
00900	**Hardness, total [as CaCO3]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	GR - Grab
					Value NODI											C - No Discharge				
00940	**Chloride [as Cl]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
00945	**Sulfate, total [as SO4]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
01077	**Silver, total [as Ag]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
39033	**Atrazine**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
39350	**Chlordane [tech mix. and metabolites]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
39360	**DDD in whole water sample**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
39365	**DDE**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
39370	**DDT**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
39516	**Polychlorinated biphenyls [PCBs]**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				
51040	**E. coli**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	30 - MPN/100mL		01/SN - Once Per Season	GR - Grab
					Value NODI											C - No Discharge				
61211	**Enterococci**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	3Z - CFU/100mL		01/SN - Once Per Season	GR - Grab
					Value NODI											C - No Discharge				
70295	**Solids, total dissolved**	1 - Effluent Gross	0	--	Sample															
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI											C - No Discharge				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

UNIVERSITY OF TEXAS AT AUSTIN

User:	irezamaa
Name:	Irezama Anderson
E-Mail:	nanderson@austin.utexas.edu
Date/Time:	2025-01-31 10:34 (Time Zone: -06:00)

Report Last Signed By

User:	irezamaa
Name:	Irezama Anderson
E-Mail:	nanderson@austin.utexas.edu
Date/Time:	2025-01-31 10:34 (Time Zone: -06:00)

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permit

Permit #:	**TXS000403**	**Permittee:**	UNIVERSITY OF TEXAS AT AUSTIN	**Facility:**	UNIVERSITY OF TEXAS AT AUSTIN MS4
Major:	Yes	**Permittee Address:**	PO BOX 7729 AUSTIN, TX 78713	**Facility Location:**	CORPORATE BOUNDARY OF CITY OF AUSTIN ZIP CODES:78703;78705;78712;78751;AND 78758 AUSTIN, TX 78703
Permitted Feature:	001 External Outfall	**Discharge:**	**001-C** MS4 - 001		

Report Dates & Status

Monitoring Period:	**From 09/01/23 to 08/31/24**	**DMR Due Date:**	**03/20/25**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: SEPT - NOV; DEC - FEB, MARCH - MAY; AND JUNE- AUG.

Principal Executive Officer

First Name:	John	**Title:**	Executive Director Safety and Compliance	**Telephone:**	512-471-3511
Last Name:	Salsman				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	**Temperature, water deg. centigrade**	1 - Effluent Gross	0	--	Sample										=	26.1	04 - deg C		01/SN - Once Per Season	GR - Grab
					Permit Req.											Req Mon DAILY MX	04 - deg C		01/SN - Once Per Season	GR - Grab
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample										=	14.0	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
00340	**Oxygen demand, chem. [high level] [COD]**	1 - Effluent Gross	0	--	Sample										=	66.0	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.73			=	7.84	12 - SU		01/SN - Once Per Season	GR - Grab
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/SN - Once Per Season	GR - Grab
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample										=	21.8	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample										<	2.5	19 - mg/L		01/SN - Once Per Season	GR - Grab
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	GR - Grab
					Value NODI															
00600	**Nitrogen, total [as N]**	1 - Effluent Gross	0	--	Sample										=	3.435	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
00625	**Nitrogen, Kjeldahl, total [as N]**	1 - Effluent Gross	0	--	Sample										=	2.6	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
00630	**Nitrite + Nitrate total [as N]**	1 - Effluent Gross	0	--	Sample										=	0.835	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
					Sample										=	0.349	19 - mg/L		01/SN - Once Per Season	CP - Composite

00665	**Phosphorus, total [as P]**	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
00666	**Phosphorus, dissolved**	1 - Effluent Gross	0	--	Sample										=	0.309	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
00900	**Hardness, total [as CaCO3]**	1 - Effluent Gross	0	--	Sample										=	63.8	19 - mg/L		01/SN - Once Per Season	GR - Grab
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	GR - Grab
					Value NODI															
00940	**Chloride [as Cl]**	1 - Effluent Gross	0	--	Sample										=	4.63	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
00945	**Sulfate, total [as SO4]**	1 - Effluent Gross	0	--	Sample										=	3.61	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										<	1.0	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	169.0	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	7.67	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
01077	**Silver, total [as Ag]**	1 - Effluent Gross	0	--	Sample										<	0.5	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample										=	118.0	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
39033	**Atrazine**	1 - Effluent Gross	0	--	Sample										<	0.0982	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
39350	**Chlordane [tech mix. and metabolites]**	1 - Effluent Gross	0	--	Sample										<	0.189	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
39360	**DDD in whole water sample**	1 - Effluent Gross	0	--	Sample										=	51.4	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
39365	**DDE**	1 - Effluent Gross	0	--	Sample										=	49.0	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
39370	**DDT**	1 - Effluent Gross	0	--	Sample										=	47.0	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
39516	**Polychlorinated biphenyls [PCBs]**	1 - Effluent Gross	0	--	Sample										=	1150.0	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/SN - Once Per Season	CP - Composite
					Value NODI															
51040	**E. coli**	1 - Effluent Gross	0	--	Sample										=	25.0	30 - MPN/100mL		01/SN - Once Per Season	GR - Grab
					Permit Req.											Req Mon DAILY MX	30 - MPN/100mL		01/SN - Once Per Season	GR - Grab
					Value NODI															
61211	**Enterococci**	1 - Effluent Gross	0	--	Sample										=	19700.0	3Z - CFU/100mL		01/SN - Once Per Season	GR - Grab
					Permit Req.											Req Mon DAILY MX	3Z - CFU/100mL		01/SN - Once Per Season	GR - Grab
					Value NODI															
70295	**Solids, total dissolved**	1 - Effluent Gross	0	--	Sample										=	101.0	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/SN - Once Per Season	CP - Composite
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

UNIVERSITY OF TEXAS AT AUSTIN

User:	CLAIRELEGROW
Name:	Claire LeGrow
E-Mail:	claire.legrow@austin.utexas.edu
Date/Time:	2025-01-31 11:54 (Time Zone: -06:00)

Report Last Signed By

User:	irezamaa
Name:	Irezama Anderson
E-Mail:	nanderson@austin.utexas.edu
Date/Time:	2025-02-07 09:39 (Time Zone: -06:00)