AUBURN

UNIVERSITY

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) ANNUAL REPORT REPORTING PERIOD APRIL 1, 2023 – MARCH 31, 2024

Prepared by

AUBURN UNIVERSITY

STORM WATER MANAGEMENT COMMITTEE

Submitted May 2024

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Introduction

This Annual Report was developed in accordance with the guidelines provided in Title 40 Code of Federal Regulations (CFR), Part 122.26(d) incorporated by reference in the Alabama Administrative Code 335-6 as administered by the Alabama Department of Environmental Management (ADEM) and NPDES ALR040030 Phase II General Permit effective October 1, 2021.

The purpose of this Annual Report is to describe the compliance efforts reflected in the University's Storm Water Management Program Plan (SWMPP) (**Appendix A**). The Annual Report will identify the control measure specific efforts undertaken by Auburn University from April 1, 2023, through March 31, 2024, to reduce the discharge of pollutants from Auburn University's main campus to the maximum extent practicable (MEP) to protect water quality and to satisfy the appropriate water quality requirements of the Clean Water Act (CWA).

This Annual Report and the University Storm Water Management Program is a result of a collaborative approach from individuals that represent both academic and operational areas of campus. The multi-disciplinary effort continues to be strengthened by its diversity and includes the following individuals and their areas of responsibility or interest:

Dr. Chris Anderson, Forestry, Wildlife & Environment
Mr. Nicholas Blair, Facilities Management – Planning, Design and Construction
Dr. David Blersch, Biosystems Engineering
Dr. Eve Brantley, Director Water Resource Center
Mr. Ben Burmester, Facilities Management – Planning, Design and Construction
Mr. Josh Conradson, Facilities Management – Planning, Design and Construction
Ms. Mona Dominguez, Water Resource Center - Alabama Water Watch
Mr. Michael Freeman, Risk Management & Safety
Ms. Valerie Friedmann, Architecture Planning & Landscape Architecture
Ms. Joan Hicken, Facilities Management – Waste Reduction & Recycling
Dr. Thorsten Knappenberger, Crop, Soil & Environmental Sciences
Mr. Mike Kensler, Office of Sustainability
Mr. Dan King, Facilities Management
Mr. Eric Klypas, Athletics Department – Field Management
Mr. Judd Langham, Facilities Management – Planning, Design and Construction
Ms. Charlene LeBleu, Architecture Planning & Landscape Architecture
Mr. Glenn Loughridge, Campus Dining
Mr. Tom McCauley, Risk Management & Safety
Dr. Chandana Mitra, Department of Geosciences

Dr. Jose Vasconcelos Neto, Civil Engineering
Mr. Buster Reese, Facilities Management, Planning, Design and Construction
Ms. Amy Strickland, Office of Sustainability
Mr. Justin Sutton, Facilities Management – Landscape Services
Mr. William Walker, Campus Dining
Dr. Amy Wright, Department of Horticulture

MS4 Description

Auburn University is a large teaching and research institution located in Auburn, Lee County, Alabama comprised of approximately 1841 acres of contiguous property, 427 buildings and 206 academic buildings. Auburn University is one of the major land grant, liberal arts and science universities in the southeast. The area surrounding Auburn University consists of residential property to the east and southeast, agricultural property to the southwest and west and urban city property to the north and east.

Control Measures

Stormwater management controls or Best Management Practices (BMPs) will be implemented to the MEP to minimize pollution in storm water discharges from Auburn University's main campus. AU's Policy on Storm Water Management Compliance (**Appendix B**) serves as the regulatory mechanism as required by the Permit. The Permit and SWMPP require BMPs to be implemented addressing five minimum control measures. As required by Part III.B. of the Permit, the Annual Report will describe the University's efforts performed during this reporting period to implement the established BMPs (Public Education & Public Involvement on Storm Water Impacts, Illicit Discharge Detection & Elimination, Construction Site Storm Water Runoff Control, Post Construction Storm Water Management in New and Redevelopments and Pollution Prevention / Good Housekeeping for Municipal Operations) and will include:

1. The status of AU's compliance with Permit conditions, an assessment of the appropriateness of the identified BMPs, and progress towards achieving the statutory goal for each of the minimum control measures.
2. Results of information collected and analyzed during this reporting period, including any monitoring data used to assess the success of the SWMPP at reducing discharge of pollutants to the MEP.
3. A summary of storm water activities the University plans to undertake during the next reporting cycle.
4. Proposed changes and/or updates to the University's SWMPP.

5. All monitoring results collected during the reporting period in accordance with Part V. of the Permit.

BMP: Public Education & Public Involvement on Storm Water Impacts

Storm water pollution prevention education leads to an informed and knowledgeable campus community that is more likely to support and comply with the BMP provisions. The targeted "Public" audiences of the University's SWMPP are Auburn University faculty, staff, students, and visitors, which populate the campus on any given day. Within these populations, only students in residence housing live on campus. All other students, employees and visitors reside in the surrounding communities. The following activities were performed during the reporting period that were consistent with the intent of the SWMPP as follows:

Presentations and Events

Multiple presentations were offered by Auburn University throughout the course of this reporting period to promote water quality, water conservation and storm water management principles. Presentations were offered by a variety of different university professionals for diverse audiences.

Designing Bioretention – How Cities in Alabama are Designing, Installing and Funding Green Infrastructure Projects. (April 20, 2023)

Instruction provided by Laura Cooley of AU Water Resource Center. Workshop Hosted by Auburn University and featured case studies from the City of Auburn, the City of Opelika, and Auburn University, followed by a site visit to Auburn's H.C. Morgan Water Pollution Control Facility. Participants at the Designing Bioretention Workshop were wide ranging with **forty-six (46) attendees.**

Earth Day Extravaganza (April 22, 2023)

Auburn students celebrated our planet and promoting sustainable living at the Earth Day Extravaganza. The University Program Council, the Department of Geosciences, the Waste Reduction and Recycling Department, and the Office of Sustainability provided approximately **two hundred 200 attendees** with a day of education, fun, and food.

Student Field Experiences (April 2023- April 2024)

Since 2018, the AUWRC has offered field-based experiences for Auburn University classes. The AU Water Resource Center (AUWRC) recognizes the importance of experiential learning and is seeking to supplement traditional classroom education through outdoor experiences related to student coursework. Faculty from several different departments have taken advantage of the program, including Landform Hydrology and Landscape Architecture with the College of Design and Construction, Natural Resources Conservation Engineering with the Department of Biosystems Engineering, Introduction to Environmental Engineering with the Department of Civil and Environmental Engineering, Natural Resources Field Methods with the College of Forestry and Wildlife, and Live Green Stay Green with the First Year Experience Office. During this reporting period, the AUWRC led five 5 field experiences engaging **ninety (90) students**.

Lee County Water Festival (May 9-10, 2023)

Nearly **50 volunteers** and approximately **1100 fifth graders** from Lee County elementary schools participated in the annual Lee County Water Festival held at the Opelika Sportsplex. Representatives from the City of Auburn, Lee County, City of Opelika, Auburn University and City of Smith Station along with representatives from the Alabama Agricultural Extension System, the Department of Agriculture's Natural Resources Conservation Service and Clean Water Partnership partnered together to educate children on the importance of water, conservation of natural resources and becoming better stewards of the environment.

Camp War Eagle (May-July 2023)

Every summer prior to the fall semester, Auburn University hosts Camp War Eagle (CWE) for incoming freshman. Through CWE, students are provided an experience that promotes the academic, social, and personal opportunities incoming freshmen students can experience. A website provides all necessary information and instructions to prepare incoming freshman for an orientation session and the first year at Auburn University. The Office of Sustainability provides information on sustainability at Auburn and provides each attendee a Sustainable Student Action Guide, which includes a section on "Saving Water" listing water conservation and water quality practices a sustainable development goals. During this reporting period, Camp War Eagle hosted a total of **twelve thousand five hundred thirty-one (12531) students and their guests**.

Sustainable Development Goals

The University's Office of Sustainability promote Sustainable Development Goals (SDGs) with various focuses.
The Sustainable Development Goals (SDGs) emerged from rigorous research into global conditions and trends and provide a

"blueprint to achieve a better and more sustainable future for all. They address the global challenges we face, including those related to poverty, inequality, climate change, environmental degradation, peace and justice. The 17 Goals are all interconnected, and in order to leave no one behind, it is important that we achieve them all by 2030." ~United Nations Website

Initiated in 2012 at the United Nations (UN) Conference on Sustainable Development in Rio de Janeiro, they follow up the eight Millennium Development Goals (MDGs) established in September 2000 and were adopted by the UN in 2015.

Sustainability Picnic (August 23, 2023)

The goal of this event is to get new and current students involved with sustainability on campus. Numerous student organizations, academic and university departments, and community resources are involved to include Alabama Water Watch, the Marine Biology club, the Arboretum, College of Forestry Wildlife and Environment and others promote natural resource conservation and management. This annual event is held at the College of Science and Mathematics Davis Arboretum hosted approximately **four hundred (400) individuals**. In addition to promoting sustainability initiatives campus wide, the event offers attendees the opportunity to take a self-guided tour of the Arboretum's many stormwater management features. During this reporting period, the Arboretum welcomed over 2000 visitors that had access to this same self-guided stormwater BMP tour.

Sustainability 2000: Introductory to Sustainability (Fall Semester)

The study of sustainability examines the interconnectedness of three dimensions: the environment, society, and the economy. Using these dimensions as a lens, students explore various systems that connect society (e.g., our food, climate change, how we build our cities, our energy choices, how we dispose of our waste, environmental justice, human population growth and consumption, among others). Through instructor and guest lectures, dynamic discussion sections, and reflection assignments, the class will discuss case studies, see sustainability in action here at Auburn University through campus tours, reflect on practices and barriers, and assess how the community can work together at different levels to make more sustainable choices.

In September 2023, multiple tours of campus highlighting green infrastructure were offered to the students in this curriculum. The tours focused on post construction stormwater management practices on campus to include successful implementation of bioswales, rain gardens, permeable pavement, and green roof. These interactive tours allowed **forty-six (46) students** to better understand why post construction stormwater management practices are important to preserve water resources, enhancing the campus landscape and protecting the campus infrastructure.

Gameday Recycling (Sept-Dec 2023)

Gameday recycling is an opportunity for the university to demonstrate to the campus community that recycling and waste reduction activities are not limited to the home. Sporting events generate a large amount of waste, much of which can be recycled. Our goal is to become the number one recycler in the SEC! Before each home football game, Waste Reduction and Recycling Department staff place 575 recycling bins inside Jordan-Hare Stadium and around campus for fans to recycle their plastic bottles and aluminum cans. Student volunteers pass out recycling bags in tailgate areas for fans to recycle their plastic bottles and aluminum cans. **One hundred ten (110) student volunteers** contributed **102 volunteer hours** during the 2023 home football season.

Alabama Water Resource Conference (September 6-8, 2023)

Hosted by Auburn University's Water Resource Center, the annual Alabama Water Resources Conference is a forum for all participants of our water resources community, providing opportunities for conversation about the many multidisciplinary aspects of water resources, and making connections that will improve how we understand the complex water issues that are of importance to this state, the region, and the nation. This year's event had a record-breaking **three hundred thirty-six (336) attendees**.

Fort Moore Help the Hooch (October 6, 2023)

Auburn University has entered into an Intergovernmental Support Agreement (IGSA) with Fort Moore located near Columbus Ga and adjacent to the Alabama-Georgia border to provide support to the base's environmental compliance responsibilities. Auburn University was pleased to support Fort Moore's annual Help the Hooch river clean up event to remove litter and debris from the Chattahoochee River. Nearly **seventy-three (73) volunteers** participated in the event to remove **1.72 tons of trash** from the Chattahoochee River.

Research Highlight College of Forestry, Wildlife and Environment

The College of Forestry Wildlife and Environment (CFWE) advances public education through a variety of research instruction, conference presentations and activities to help promote stormwater best management practices, emerging conditions, and innovative solutions. Throughout this reporting period, the following activities were provided by AU CFW researchers:

Who	What	Where	Impact No.
Bickley, S, C.J. Anderson, L. Kalin	Change in tidal creeks & fringing marshes related to coastal watershed development along the northern Gulf of Mexico	27th Biennial Conference, Portland OR	30-40
Bickley, S, C.J. Anderson	Change in tidal creeks & fringing marshes related to coastal watershed development along the northern Gulf of Mexico	Society of Wetland Scientists 2023 Annual Meeting, Spokane WA	30-40
Bickley, S & C.J. Anderson	Tidal creek ecosystem structure and function changes associated with coastal watershed development	Bays & Bayous 2023 Symposium, Mobile, AL	30-40
Kalin, D. Lee	Hurricane activities in Gulf of Mexico lead to conversion of forested land: implications of water quantity/quality	IUFRO Div 8 Conference Evora, Portugal	30-40
Haas, H., L. Kalin	Channel geometry in regional watershed modeling; how much does it matter?	World Environmental & Water Resource Congress Henderson, NV	30-40
Haas, H. Amatya, L. Ning, G. Sun, L. Kalin, D. Hamidi	Modeling the hydrology of loblolly pine dominated watershed in South Carolina: a multiple model comparison study	Interagency Conference on Research in the Watersheds, Corvalis, OR	30-40

Haas, H., L. Kalin	Simulated longleaf pine restoration leads to increased streamflow in the Mobile River Basin-AL	AU Research Student Symposium, Auburn, AL	30-40

CFWE Field trips, lectures and class activities involving stormwater management

Who	**What**	**When**	**Impact No.**
C.J. Anderson	NATR 2020 Natural Resource Methods – Stream discharge lecture	4/10/23	22
C.J. Anderson	NATR 2020 Natural Resource Methods: Sampling Macroinvertebrates for Parkerson Mill Creek Water Quality Assessment	4/12/23	22
C.J. Anderson	NATR 2020 Natural Resource Methods – Water Quality Bioindicators	4/17/23	22
C.J. Anderson	NATR 4345 Coastal Zone Management: Watershed Management	5/11/23	15
L. Kalin	NATR 4240 Watershed Management: Water Quality Characteristics	3/26/24	30
L. Kalin	NATR 4240 Watershed Management: Watershed Management Issues	3/28/2024	30

Alabama Stormwater Association (ASA) Virtual Seminar (November 30, 2023)

ASA hosted Dr. Seth Brown, Executive Director for the National Municipal Stormwater Alliance (NMSA) to offer a virtual presentation entitled “The Important & Emerging Concerns of MS4s; A National Perspective”. Dr. Brown presentation explores the various MS4 sector needs, the NMSA initiatives and why national issues matter at the local level.

These valuable lessons and resources available may be able to be applied to the work stormwater professionals provide to address stormwater-related challenges in our local

communities. Auburn University has representation on the ASA Board and helped to facilitate the webinar. The virtual webinar was attended by **one hundred and one (101) individuals**.

ALOAS Vegetation Lunch and Learn (December 13, 2023)

The Auburn, Lee County, Opelika, Auburn University and Smith Station (ALOAS) MS4 group continues to meet quarterly to promote events, exchange ideas and seek opportunities for collaboration. On December 13, 2023, ALOAS offered the community a lunch and learn session focusing on jurisdiction MS4 updates, a presentation of effective BMPs offered by the NRCS AL Erosion & Sediment Control Program with a demonstration of sediment barrier installation. The session was open to the public but targeted local contractors. The session was attended by **forty (40)** individuals.

Sustainability Speaker Series (annually)

The Office of Sustainability promotes open lectures to AU community on local, national, and global sustainability topics. Multiple learning sessions are offered throughout the academic year.

Jonathan Foley, Ph.D., Executive Director of Project Drawdown, is a world-renowned environmental scientist, sustainability expert, author, and public speaker. His work focuses on understanding our changing planet and finding new solutions to sustain the climate, ecosystems, and natural resources we all depend on. On **March 18, 2024**, Dr. Foley's presentation focused on the innovative initiative Project Drawdown, whose mission is to help the world stop climate change as quickly, safely, and equitably as possible. Project Drawdown identifies solutions and strategies for stopping climate change, engages all sectors of society to bring climate solutions to scale, and works to shift the conversation from doom and gloom to possibility and opportunity. **One hundred twenty (120) faculty, staff and students** attended this learning opportunity.

ALOAS Lunch and Learn (March 20, 2024)

ALOAS offered the community a lunch and learn session focusing on the proper use of reuseable construction entrances known as FODS. These BMPs are becoming more popular so ALOAS asked FOD representatives to explain the product and its proper installation and maintenance requirements. The session was open to the public but targeted local contractors and allowed for ALOAS members to provide any updates to the MS4 programs in their areas. The session was attended by **thirty-seven (37) individuals**.

Auburn Student Government Association's Big Event (March 23, 2024)

Hundreds of student volunteers provided community services to the surrounding community. The BIG Event gives thousands of Auburn students the opportunity to give back to the Auburn & Opelika community. One group of **four (4) AU students** were assigned to remove litter and debris from Town Creek in Graham McTeer Park located in the City of Auburn. As students go into the community to serve the local community through yard work or housework, the student body was able to make a to make a positive impact by removing 50 Lbs. of trash from the watershed.

Office of Sustainability Outdoor Movie (March 27, 2024)

Dirt! The Movie explores dirt, which is unique to Earth of any of the known planets and which acts as the planet's "skin", is made up of the same elements as humans, and is a living, breathing, complex and essential building block for human survival. The relationship between dirt, which covers approximately the top five centimeters of the Earth's surface, and humans is presented. Left to its own devices, the planet can regenerate dirt if all the necessary elements are available, such as a diversity in organic matter, microorganisms, and water. The planet's forests are a prime example, forest floors which have generally the richest dirt on the planet. But humans have largely altered the natural landscape to negatively affect the planet's ability to maintain the existing dirt and regenerate it as a healthy entity. It is based on what humans generally consider the most valuable uses of the land, whether it be for development i.e. covering the dirt with impermeable materials such as asphalt and concrete, resource extraction or something else. Even in the industrial age, mono-cultural farming practices of annual crops, i.e. miles upon miles of only one crop of an annual plant

being grown, are depleting the health of dirt, with the answer being often to cut down more forests to create more farmland. As such, humans need to place a higher value on ecological sustainability, most specifically in dirt health, or else risk the species at our own hands. **Sixty (60) faculty, staff and students** attended this outdoor movie.

Peers Network Battery Recycling Program (continual)

Sponsored by the Office of Sustainability, the Ambassadors are introduced to all the sustainability-related practices and policies at Auburn University, including the Storm Water Management Plan and practices on campus. The Battery Recycling initiative has located over 60 bin locations around campus to allow the campus community an easy way to recycle their used batteries rather than throwing them in the solid waste trash receptacle. During this reporting period, these on-going efforts contributed to the **thirty thousand seven hundred and fifty-four (30754) Lbs.** batteries recycled by Auburn University.

Alabama Water Watch

AUBURN UNIVERSITY
ALABAMA AGRICULTURAL EXPERIMENT STATION
Water Resources Center

Extension
ALABAMA A&M & AUBURN UNIVERSITIES

The Alabama Cooperative Extension System (ACES) is the primary outreach and engagement organization for the land-grant mission of Alabama A&M University and Auburn University in cooperation with Tuskegee University. ACES provides research-based educational programs in agriculture; forestry, wildlife, and natural resources; family and consumer sciences; economic and community development; 4-H and youth development; and urban affairs.

The ACES Water Program is the Extension hand of the Auburn Water Resource Center. Lead by Dr. Eve Brantley and her outreach team, the goal of the water program is to

make a positive impact on water quality issues throughout Alabama. This is accomplished through on-the-ground Extension and outreach, watershed resource planning, education, and behavior change initiatives. By empowering communities, farmers, cities, and schools to become better stewards of their water resources, the water program facilitates multi-year grant-funded projects that use a community-led, watershed-based approach to remediating impaired urban waters and planning for a more sustainable future.

See the Auburn University's Water Resource Center Alabama Water Watch (AWW) 2023 Annual Report liked below to see all the achievements of AWW's Volunteer Monitors, Trainers, Association, and program partners accomplished.

AWW 2023 ANNUAL REPORT

Watershed Clean-up Efforts

Campus Location	**Date**	**Target**	**Participation**	**Participants**
Campus	April 2023	Litter & Recyclable Materials	18	AU Students and Staff (WRRD)
Chattahoochee at Fort Moore	October 6, 2023	Litter & Debris	73	Fort Moore Staff, Soldiers and Families
Pepperell Branch of the Saugahatchee Creek	November 8, 2023	Litter and Debris	8	ALOAS Members and Keep Opelika Beautiful Staff
Campus	February 2024	Litter and Debris	7	AU Students and Staff (WRRD)
PMC (Campus)*	February 16, 2024	Litter & Debris	44	AU Faculty, Staff & Students + Braveheart Partners.

Town Creek / Graham McTeer Park	March 25, 2024	Litter & Debris	4	AU Students (Big Event Annual event)

- This event was a collaboration with a CWA 319 Project (Alabama Watershed Stewards) and was not used to meet our minimum MS4 requirements.

Measure Specific Evaluation

Auburn University continued to be successful in providing a variety of information to the campus and local community related to stormwater management, water quality and water conservation. AU strives to engage faculty, staff, and students through education to serve the community and to become more involved in making a positive impact. During this reporting period, AU continued to foster an open and collaborative relationship with the many different groups on and off campus, from the engagement activities offered by ASA, through the continued pursuit of research initiatives and funding to improve and protect water resources as witnessed by the Auburn Water Resource Center and Alabama Cooperative Extension System, the innovative research being done by the many academic disciplines on campus and for the continued efforts by the Office of Sustainability and the Student Government Association to engage the campus community.

Measure specific activities planned for the next reporting period

During this next reporting period, Auburn University plans to continue to promote the goals of the storm water program to include at a minimum:

1. Continue to sponsor and collaborate with on and off campus shareholders for multiple watershed clean up events.
2. Participate with ALOAS partners to offer the annual Lee County Water Festival (May 7-9, 2024).
3. Host the Municipal Wet Weather (MS4) Stormwater Conference (May 15-17, 2024)
4. Continue to have active ASA Board membership to assist in the development and delivery of multiple learning opportunities.
5. Continue to foster the partnership with ALOAS by meeting quarterly to communicate local storm water challenges, opportunities, and community concerns.

6. Continue to promote local, national, and global sustainability initiatives to include storm water management best management practices.

7. Continue partnership with AU Water Resource Center to initiate field activities (Spring 2024) to install storm drain markers throughout campus to increase awareness of proper waste management practices and storm sewer function.

BMP: Illicit Discharge Detection & Elimination

During this reporting period, Auburn University continued to utilize the storm water infrastructure engineering assessment to prioritize areas on campus requiring further assessment and/or repair along with field observations by AU Facilities Management – Utilities and Energy, Mechanical Shops, Water Resources and Risk Management & Safety to investigate sources of potential illicit discharges. An updated map identifying the stormwater conveyance system maintained by Auburn University is linked below.

AU MS4 Map 23-24

Through continued educative efforts, an informed campus community is relied upon to relay observations of potential illicit discharges. These observations are communicated to AU Administration through multiple methods to include Facility Management's 24-hour Work Management System (844-HELP), the AU "Ask Facilities" web tool or communicating directly to Risk Management & Safety. Dry weather screening is performed on an annual basis on the outfalls identified on campus. Screening includes visual observations of flow, and outfall condition and may include water quality monitoring to further assess suspected conditions. Upon discovery or suspicion of a potential illicit discharge, further investigation is initiated. A variety of measures can be deployed to track the source of the illicit discharge and may involve multiple AU groups as well as the City of Auburn, as necessary. The completed Outfall Reconnaissance Inventory Field Sheets

documenting the outfalls evaluated this reporting period are included in (**Appendix C**). All investigated suspect illicit discharges and their details are included in (**Appendix D).**

Measure Specific Evaluation

Auburn University continued IDDE efforts and address sources of pollutants from being introduced into the University's MS4. Accomplishments and ongoing actions supporting this BMP included:

- Maintenance of the University's Policy on Storm Water Compliance continues to serve as the regulatory mechanism for this measure.
- On-line stormwater training was provided to operational personnel that included illicit discharge detection and elimination elements. During this reporting period, training was provided to **two hundred sixteen (216)** individuals were trained.
- A High-Definition Stream Survey (HDSS) was performed on five (5) miles of Parkerson Mill Creek and its unnamed tributaries. The goal of the effort was to be able to provide systematic categorization of conditions facilitating management, conservation, and restoration planning. The results of the HDSS will identify problem areas, support repeatable documentation to assess on-going or future remediation measures and serve as a powerful education tool for both resource managers and research initiatives.
- Multiple illicit discharges were identified during this reporting period including high e-coli concentrations, sediment and process water at various times and locations during this reporting period. Efforts to cease discharge were successful in most all instances and on-going in others. AU Facilities Management maintains a current map of all infrastructure and are instrumental in recognizing and aiding in the investigation of suspect conditions.

Measure specific activities planned for the next reporting period

Auburn University will continue the Illicit Discharge Detection and Elimination measures as defined in the University's SWMPP. During the next reporting period, the following activities are planned:

1. Provide annual IDDE training to increase community's level of awareness to pollution prevention.

2. Evaluate the HDSS data collected this reporting period and determine opportunities for improvement and/or future initiatives.
3. Explore opportunities to improve stream corridor and infrastructure condition as needed through continual investigation.
4. Continue partnership with Alabama Water Watch to regular monitor from the watershed to identify potential illicit discharge conditions.
5. Partner with AL Watershed Stewards, the City of Auburn and local Lee County Rotary Club to perform a creek cleanup on campus and install storm drain markers throughout the City of Auburn and Auburn University jurisdictions.

BMP: Construction Site Storm Water Runoff Control

In accordance with Part III (B) (4) of NPDES Permit No ALR040030, Auburn University developed the Construction Site Storm Water Runoff Control Best Management Practice. Auburn University's Facilities Management is responsible for all construction projects on campus and implementation of this measure.

During this reporting period, a total of six (6) qualifying construction sites were managed on campus that required storm water protection measures to be implemented and maintained. Details specific to these six (6) sites and four (4) other AU projects located off campus to include the number of inspections, number of complaint notices and number of run off complaints can be viewed in (**Appendix E)** of this report.

Measure Specific Evaluation

Based on the requirements identified in Part III (B) (4) of NPDES Permit No ALR040030, Auburn University implemented Design Standards assist in meeting these requirements. The Design Standards establish a measurable performance standard to qualify the effectiveness of on-site controls.

- Construction Front End documents to include Notice of Land Disturbance and Notice of Intent to Close Permit are maintained under periodic review.
- Scheduled consultation with Facilities Management Construction Management and routine inspection of all sites aid in addressing declining performance on all sites and effective evaluation of the site-specific Construction Best Management Practices Plan (CBMPP).
- Annual training events to include inhouse and ALOAS sponsored for contractors and employees allowed for a positive informational exchange and continued to promote responsibilities and best management practices.

Measure specific activities planned for the next reporting period

Auburn University will continue implementing Construction Site Storm Water Runoff Control as defined in the University's SWMPP. During the next reporting period, the following activities are planned:

1. Provide annual training event to AU Project Managers and Design Engineers.
2. Perform and document inspections as required to evaluate the effectiveness of the Contractors implementation of the design CBMPP and initiate escalation as necessary.
3. Through the ALOAS partnership, offer ESC Workshop (Lunch and Learn).

BMP: Post Construction Storm Water Runoff Control

As a component of the Auburn University Design and Construction Standards, the Post-Construction Stormwater Manual provides the principles, guidelines, and standards for stormwater management design for new campus projects. By providing a set of comprehensive best management practices for stormwater management, future campus construction projects will protect and improve water quality, provide campus flood protection, and reduce stormwater flow rates to downstream waters. The Post Construction Stormwater Manual includes a stormwater management review checklist to review compliance with the University's design standards. Multiple projects were completed, are in construction, or are currently being designed during this reporting year.

A listing of the project **reviewed** in this reporting year is found below:

Project No.	Project Name	Stormwater Best Management Practices (BMPs)					
		Detention or Retention	Subsurface Detention	Bioretention	Pervious Paving	Green Roof	Stream Restoration
19-442	University Student Housing - Phase 1: Upper Quad Residence Hall	No	Yes	No	No	No	No

One project was **completed** that added permanent post-construction stormwater best management practices to the campus inventory. A highlight of those can be found in the images below and bolded in the overall summary of the campus wide BMPs located in (**Appendix F**).

Permeable Pavers along Heisman Drive. (Heisman Drive - Tree & Landscape Improvements for Campus Green Transit Hub Area- AU Project # 20-384)

Measure Specific Evaluation

During this reporting period, Auburn University continued efforts to strengthen this measure through education and increasing expectations. Utilizing an extensive plan review process, AU staff have been successful in evaluating many stormwater best management practices during this reporting period.

Measure specific activities planned for the next reporting period

Auburn University will continue implementation of Post Construction Storm Water Management in new development and redevelopment as defined in the University's SWMP. During the next reporting period, the following activities are planned:

1. Continue to advise University Design Leads on the Design Standards required for future University projects.
2. Continue collaboration with the Stormwater Committee to improve the promotion of post construction green infrastructure BMPs.
3. Refine the documentation of annual post construction BMP inspections utilizing the AiM Work Management application used by Facilities Management.
4. Continue to maintain an updated inventory of storm water BMPs.

BMP: Pollution Prevention / Good Housekeeping

Parking Lot, Parking Deck Cleaning Program

Facility Management's Landscape Services utilizes street sweepers daily to address the removal of accumulated debris **three hundred ninety-five (395 yd ^{3})** from parking lots, parking decks, streets, pedestrian walkways, and sidewalks. Landscape Services provides daily inspections of streets, street drains and curbs. During fall and winter months, Landscape Services removes leaves and other debris daily throughout campus. Landscape Services also incorporates the use of a large vacuum that allows the landscape debris, which is harvested on campus grounds, to be removed before it is introduced into a storm drain system. Mowers with mulching equipment pulverize leaves, limbs and debris on site which reduces possible storm drain blockage. This process is reduced during the spring and summer months unless storms or high winds cause leaves, limbs, and debris to cover our campus grounds and streets; at that point we use the same procedures as the fall and winter removal. This system not only reduces the problem of storm drain blockage but allows AU to compost the harvested material and eventually incorporate it back into campus landscape.

Storm Water Conveyance System Cleaning Program

Auburn University Landscape Services inspects all storm water conveyance outfalls routinely throughout the year. This is done after each heavy rain or storm activity. If any large limbs, trees, or debris are blocking the area, the blockage is removed as quickly as possible. Streamside maintenance to include invasive plant removal continues and allows better accessibility to Parkerson Mill Creek. On-going efforts to remove invasive vegetative species and replace with native species have further enhanced Parkerson Mill Creek. Throughout this reporting period, Landscape Services calculated the removal of approximately **nine hundred twenty-six (926 yd ^{3})** of landscape debris.

Integrated Pest Management

All areas maintained on campus have a four-tiered management system, however all areas are not equal in tolerance and /or action thresholds. These thresholds are based on pedestrian traffic, tolerance thresholds set down by building occupants and historic importance of an area.

Understanding that over application of chemicals to control pests on campus landscapes can have a detrimental effect to the environment, Facility Management's Landscape Services objective is to survey/monitor selected areas on campus and determine if the threshold of a pest warrants chemical applications. Incorporation of best management practices such as aeration,

fertilization and proper irrigation promote healthy trees, shrubs and turf while reducing the unnecessary level of chemicals applied to the environment.

An estimated 235 acres of AU main campus's premium areas (turf, trees, shrubs, and hardscapes) receives targeted IPM application. Leaves on turf and turf clippings are mulched and/or recycled to reuse on campus. An estimated **four thousand two hundred (4200 yd ^{3})** of grass clippings are beneficially reused on campus each year.

Waste Reduction & Recycling

The Waste Reduction and Recycling Department (WRRD) manages all waste contracts on campus and works with faculty, staff, and students daily to provide easy and convenient recycling to Auburn University.

WRRD manages the Campus Building Recycling program, Game Day Recycling, Recycle Mania, office clean-outs, toner and ink cartridge recycling, indoor/outdoor event trash and recycling bins, and secure document shredding services. WRRD promotes initiatives to divert waste from being managed to a landfill. Diverted wastes include construction demolition waste, paper, cardboard, aluminum cans, plastics, steel cans, metals, and toner/ink cartridges. WRRD initiatives are also promoted through education and outreach on campus and in the surrounding community. Outreach initiatives encompass events, including Earth Day Extravaganza, GameDay Recycling, Litter Art as shown below, Collegiate Recycling Challenges, Plastics Free July, and community partnerships, such as the East Alabama Recycling Partnership.

Spill Prevention Control & Countermeasure (SPCC) Program

Auburn University maintains compliance efforts consistent with 40 CFR 112 and the University's SPCC Plan. The SPCC Plan addresses the University's program to manage oil and other petroleum products defined by 40 CFR 112.7(2) and 40 CFR 112.7(4). This includes the management of fuel oils, gasoline, lubricating oils, hydraulic and dielectric fluids as they are utilized and stored on Auburn University's main campus. The University inspects all applicable containers (fuel tanks, generators, elevators, and drums) monthly and all transformers annually. These routine inspections evaluate the condition of the containers to ensure proper functionality and management to prevent releases to the environment.

Applicable SPCC containers	Number of Inspections	Volume of SPCC applicable oil (gallons)
Tanks, Generators, Drums	720	145120
Elevators	1332	17380
Pad Mount Transformers	244	58707
Satellite Equipment	17	3769

Used Oil Recycling Program

Auburn University's Department of Risk Management & Safety and Facilities Management routinely collects and recycles used oil from campus operations. Throughout this reporting period, AU retained the services of Universal Environmental Services, LLC based out of Peachtree City Georgia for removal and recycling of campus generated used oil. Throughout this reporting period, Universal Environmental Services collected 1274 gallons of used oil from campus operations for recycling.

Used Cooking Oil Recycling Program

Auburn University's Dining Services collects and recycles all used cooking oil generated from the University's dining facilities. During this reporting period, approximately 4984 gallons of used cooking oil was collected from AU dining/athletic facilities under contract with Green Earth Options Bio-Fuel. The Rane Culinary Science Center / Auburn University Hotel & Conference Center also collects used cooking oil and manages it through Beau Project, LLC. For recycling. During this reporting period Beau Project received 3810 gallons of used cooking oil.

Regulated Waste Management

Risk Management & Safety promotes proper regulated waste management throughout all campus operations. Regulated waste includes RCRA hazardous waste, universal waste lamps,

batteries, pesticides, mercury-containing equipment, electronic waste, medical waste and pathological waste generated on campus. Through reoccurring training events, consultations and other marketing strategies, proper management of these items are promoted. Disposal of these items via solid waste or sanitary sewer is prohibited. Proper container management by the generator is critical to ensure compliance with regulatory requirements and to prevent releases of harmful chemicals to the environment. During this reporting period, AU properly managed 10700 individual containers of hazardous waste, 41,221 Lbs. of medical waste and 318777 Lbs. of pathological waste.

Municipal Facility Inspection Program:

During this reporting period, AU completed the development of a Standard Operating Procedures (SOP) for performing municipal facility inspections. The purpose of the SOP is to prevent or minimize to the extent practicable pollutants from being discharged from these locations/operations into AU's MS4. Each facility will be responsible for maintaining their respective areas and improving conditions as identified. Annual stormwater inspections at these facilities will include assessment of such activities as equipment washing, street sweeping, road maintenance, waste management, vegetation control, fleet maintenance, external building maintenance and material storage. The SOP, Inventory of Municipal Facilities and the Inspection Records for this reporting period can be found in (**Appendix G**)

Measure Specific Evaluation

Throughout this reporting period, the on-going preventative measures taken by multiple groups on campus have removed items that could have been ultimately destined to our local landfill, groundwater and or surface waters. The University promotes waste minimization efforts to include regulated hazardous and non-hazardous wastes, solid waste, e-waste and construction and demolition waste through reuse and recycling where possible. The University has developed sound practices to manage equipment and operations to minimize releases to the environment and provides training to University employees on these best management practices.

Measure specific activities planned for the next reporting period.

Auburn University will continue to perform and promote sound pollution prevention good housekeeping management practices.

1. Continue to provide pollution prevention environmental awareness training to campus.
2. Continue to promote proper waste management practices and waste minimization activities through education and action.
3. Maintain an updated municipal facility inventory.

4. Perform annual municipal facility inspection and address non-conformance activities if discovered.

Monitoring Plan for Pathogen Impairment

The Parkerson Mill Creek Watershed is in Lee County; the watershed is part of the Chewacla Watershed, in the lower Tallapoosa River Basin. The 9.3 square mile (5,981 acres) watershed contains 21,000 meters (68,500 ft.) of main stem perennial stream and approximately 86,000 meters (282,152 ft.) of tributary stream length. The stream network empties into Chewacla Creek, just south of the H.C. Morgan Water Pollution Control Facility

The watershed includes the City of Auburn, Auburn University, and the surrounding areas. The headwaters of Parkerson Mill Creek are approximately 3,000 meters (9,845.5 ft.) in length and are located on the campus of Auburn University.

In 2007, ADEM listed Parkerson Mill Creek as impaired on Alabama's 303(d) List of Impaired Waters for pathogens from point source and non-point sources, primarily urban runoff, and storm sewer connections. As such, Auburn University monitors Parkerson Mill Creek by performing bacteriological analysis through the AU Water Resource Center's Alabama Water Watch (AWW) program. The results of the monitoring effort for this reporting period are contained in (**Appendix H**) of this Annual Report.

Appendix A

Stormwater Management Program Plan

April 1, 2023, through March 31, 2024

STORM WATER MANAGEMENT PROGRAM PLAN

Prepared for

AUBURN UNIVERSITY

STORMWATER MANAGEMENT COMMITTEE

Table of Contents

INTRODUCTION

This Storm Water Management Program Pan (SWMPP) was developed in general accordance with the guidelines provided in Title 40 Code of Federal Regulations (CFR), Part 122.26(d) incorporated by reference in the Alabama Administrative Code 335-6 as administered by the Alabama Department of Environmental Management (ADEM) and NPDES ALR040030 Phase II General Permit effective October 1, 2021.

The purpose of this SWMPP is to describe Auburn University and its operation and identify the Best Management Practices (BMPs) to be utilized to reduce the discharge of pollutants from Auburn University's main campus to the maximum extent practicable (MEP) to protect water quality and to satisfy the appropriate water quality requirements of the Clean Water Act (CWA).

The Storm Water Committee formed to develop this SWMPP is comprised of individuals from both academic and operational areas of campus. The collaborative effort was strengthened by its diversity and includes the following individuals and their areas of responsibility or interest:

Dr. Chris Anderson, Forestry & Wildlife Sciences
Mr. Nicholas Blair, Facilities Management – Planning, Design and Construction
Dr. David Blersch, Biosystems Engineering
Dr. Eve Brantley, AU CSES, ACES
Mr. Ben Burmester, Facilities Management – Planning, Design and Construction
Ms. Mona Dominguez, Water Resource Center - Alabama Water Watch
Mr. Mike Freeman, Risk Management and Safety
Ms. Valerie Friedmann, Architecture Planning & Landscape Architecture
Ms. Joan Hicken, Facilities Management – Waste Reduction & Recycling
Dr. Thorsten Knappenberger, AU CSES
Mr. Mike Kensler, Office of Sustainability
Mr. Dan King, Facilities Management
Mr. Eric Kleypas, Athletics Department – Field Management
Mr. Judd Langham, Facilities Management – Planning, Design and Construction
Ms. Charlene LeBleu, Architecture Planning & Landscape Architecture
Mr. Glenn Loughridge, Campus Dining

Mr. Tom McCauley, Risk Management & Safety
Dr. Chandana Mitra, Department of Geosciences
Ms. Wendy Peacock, Facilities Management – Planning, Design and Construction
Mr. Buster Reese, Facilities Management - Planning, Design and Construction
Ms. Amy Strickland, Office of Sustainability
Mr. Justin Sutton, Facilities Management – Landscape Services
Mr. William Walker, Campus Dining
Dr. Amy Wright, Department of Horticulture

Objective

The primary goal of the developed SWMPP is to improve the quality of surface waters at Auburn University by reducing the amount pollutants contained in storm water runoff to a maximum extent practicable (MEP). Auburn University will seek to reduce the pollutants from entering storm water runoff through the implementation of best management practices. The SWMPP will describe the minimum best management practices to be implemented by Auburn University and as required by ADEM General Permit ALR040030 (effective date October 1, 2021).

1.1 MS4 Description

Auburn University is a large land grant educational institution located in Auburn, Lee County, Alabama comprised of approximately 1800 acres of contiguous property. Auburn University is one of the major liberal arts and science universities in the southeast. The area surrounding Auburn University consists of residential property to the east and southeast, agricultural property to the southwest and west and urban city property to the north and east.

1.2 Definitions

ADEM: Alabama Department of Environmental Management responsible for enforcing environmental regulations in the State of Alabama.

Best Management Practices (BMP): may include schedule of activities, prohibition of practices, maintenance procedures or other management practices to prevent or reduce

the pollution of Waters of the State. BMPs also include treatment requirements, operating procedures and practices both structural and non-structural designed to control runoff, spillage or leaks, sludge or waste disposal or drainage from raw material storage.

Clean Water Act (CWA): The Clean Water Act is an Act passed by U.S. Congress to control water pollution. It is formally referred to as the Federal Water Pollution Control Act of 1972 or Federal Water Pollution Control Act Amendments of 1972.

Code of Federal Regulations (CFR): A codification of the final rules published daily in the Federal Register. Title 40 of the CFR contains the environmental regulations.

Composite Sample: A sample collected with consideration giving towards flow and time.

Control Measure: any Best Management Practice or other method used to prevent or reduce the discharge of pollutants to Waters of the State.

Discharge: when used without a qualifier, refers to “discharge of pollutant” as defined as ADEM Admin Code 335-6-6-.02(m)

EPA: Environmental Protection Agency

Grab Sample: A sample that is taken on a one-time basis without consideration of the flow rate of the sampling media and without consideration of time.

Green Infrastructure: refers to systems and practices that use or mimic natural processes to infiltrate, evapotranspiration (the return of water to the atmosphere either through evaporation or by plants), or reuse storm water or runoff on the site where it is generated.

Illicit Connection: any man-made conveyance connecting an illicit discharge directly to municipal separate storm sewer (MS4)

Illicit Discharge: defined at 40 CFR 122.26(b)(2) and refers to any discharge to a municipal separate storm sewer (MS4) that is not entirely composed of storm water,

except those discharges authorized or excluded under an NPDES permit.

Low Impact Development (LID): an approach to land development (or redevelopment) that works with nature to manage storm water as close to its source as possible. LID employs principles such as preserving and recreating natural landscape features, minimizing effective imperviousness to create functional and appealing site drainage that treat storm water as a resource rather than a waste product.

Maximum Extent Practicable (MEP): the technology based discharge standard for municipal separate storm sewer systems to reduce pollutants in storm water discharges that was established by the Clean Water Act (CWA) Section 402(p). A discussion of MEP as it applies to small MS4s like Auburn University is found at 40 CFR 122.34

Municipal Separate Storm Sewer System (MS4): A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm ditches) owned or operated by a state, city, town or other public body having jurisdiction over the collection and conveyance of storm water which is not a combined sewer and which is not part of a publicly owned treatment works.

Notice of Intent (NOI): the mechanism used to “register” for coverage under a General Permit.

National Pollutant Discharge Elimination System (NPDES): The national program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits and imposing and enforcing pretreatment requirements under Section 307, 318, 402 and 405 of the CWA.

Permit: NPDES ALR040030 issued to Auburn University & became effective October 1, 2021.

Permittee: Auburn University

Priority Construction Site: any qualifying construction site in an area where the MS4

discharges to a waterbody which is listed on the most recently approved 303d list of impaired waters for turbidity, siltation or sedimentation, any waterbody for which a TMDL has been finalized or approved by EPA for turbidity, siltation or sedimentation, any waterbody assigned the Outstanding Alabama Water use classification in accordance with ADEM Admin Code 335-6-10-.09 and any waterbody assigned a special designation in accordance with 335-6-10-.10

Storm water: defined at 40 CFR 122.26(b)(13) storm water runoff, surface runoff and drainage.

Storm Water Management Program Plan (SWMPP): A plan developed for implementation of NPDES permit requirements.

Waters of the State: All waters that are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce. Waters of the State include but are not limited to all interstate waters and interstate lakes, rivers, streams (including intermittent streams), mudflats, sand flats, wetlands, sloughs, play lakes or naturals ponds.

REGULATORY MECHANISM

Auburn University utilizes the Policy on Storm Water Management Compliance as the regulatory mechanism to prohibit activities on University Land that would be non-compliant with either the Permit or the SWMPP. Auburn University Facilities Management is the responsible for administering the Policy on behalf of the University.

Policy on Storm Water Management Compliance

CONTROL MEASURES

Storm water management controls or BMPs will be implemented to prevent pollution in storm water discharges from Auburn University's main campus. The Permit requires BMPs addressing five minimum control measures to be part of the SWMPP. These BMPs are described in the remaining subsections of this section with applicable measurable goals and scheduled implementation dates for each BMP.

The five control measures addressed by this SWMPP include:

2.1 Public Education and Public Involvement on Storm Water Impacts
2.2 Illicit Discharge Detection and Elimination
2.3 Construction Site Storm Water Runoff Control
2.4 Post Construction Storm Water Management in New and Redevelopment
2.5 Pollution Prevention / Good Housekeeping for Municipal Operations

2.1 Public Education and Public Involvement on Storm Water Impacts

An informed and knowledgeable “community” at Auburn University will be an important factor in the success of this SWMPP to reach its goal of reducing the discharge of pollutants associated with storm water runoff. The effective implementation of this measure will help Auburn University to ensure:

1) Greater awareness to the University community of the importance of managing discharges to local receiving waters.
2) Greater support from the University community for the storm water management program; and
3) Compliance with the requirements of the General NPDES Permit.

The Public Education and Public Involvement on Storm Water Impacts control measure consists of BMPs that focus on the development and promotion of educational materials and efforts designed to inform the public about the impacts that storm water discharges have on local water bodies and to foster community partnerships that provide opportunities for stakeholders to learn more about storm water practices and policies, demonstration projects and assessments of local water quality.

Educational materials, activities and partnerships will be designed and promoted to engage the public to better understand the impacts of storm water pollution, local MS4 efforts as well as to highlight and support measures to reduce the introduction of pollutants in storm water. The measure is expected to reach the constituents within the MS4s permitted boundary (Auburn University’s main campus). An emphasis of these

outreach efforts will be towards the removal of known pollutants from storm water to include floatables, pathogens and sediment.

A plan for effectively engaging in Public Education and Public Involvement on Storm Water Impacts is presented below as required by the Permit.

Target Audience

Auburn University has a unique opportunity to reach several distinct target audiences throughout the year. These audiences include Auburn University faculty and staff, students, parents of students, visitors, contractors on campus, and surrounding community stakeholders.

Pollutants of Concern

Primary storm water pollutants of concern for Auburn University include pathogens as listed on the 2010 303(d) list for Parkerson Mill Creek, floatables i.e. litter from improper trash disposal, and sediment from land disturbing activities and in-stream erosion processes.

Communication Mechanisms

Communication of storm water pollution prevention principles will include the following mechanisms AU web sites, interactive campus storm water BMP tour, Auburn News which is an electronic bulletin that reaches the entire student body and all Auburn University employees, representation at various local citizen advisory groups and other state stormwater association meetings, inclusion of storm water and stream information on signage in strategical locations on campus, presentations to student and watershed organizations, continued participation in university-led activities such as Camp War Eagle, Earth Day/Week, Arboretum Game Day events, Office of Sustainability events and efforts, Alabama Cooperative Extension Services (ACES) initiatives, multiple academic research and educational initiatives, student service events (i.e. Big Event, IMPACT) and various social media platforms.

Responsible Parties

The Public Education and Outreach measure development and implementation will be accounted for by the Department of Risk Management and Safety (RMS) and implemented by partnership between the University Water Resources Center, the Office of Sustainability, Facilities Management – Waste Reduction and Recycling, and other campus entities.

Measurable Outcomes and Evaluation

Effectiveness of the activities related to this measure will be measured through:

1. Number of presentations delivered – various AU programs will provide at a minimum of four presentations specific to storm water management annually.
2. RMS maintains the central electronic resource (webpage) to serve as primary reference site for the updated University SWMPP. RMS-Stormwater
3. Quantify the number of individuals reached through University led activities throughout each reporting cycle. Audience includes students, staff, employees and visitors to Auburn University and is targeted at 2500 individuals each reporting cycle.
4. Number of University led PMC cleanup efforts. AU aims to promote three cleanup events throughout each reporting cycle.
5. Documented attendance to regular local, State and regional association meetings and/or programs.
6. Continued attendance, partnership, or participation in Alabama Water Watch monitoring workshops.

2.2 Illicit Discharge Detection and Elimination

Per the Permit, an Illicit discharge is defined at 40 CFR Part 122.26(b)(2) and refers to "any discharge to an MS4 (municipal separate storm sewer system) that is not composed entirely of storm water …" Exceptions include NPDES permitted discharges and discharges resulting from fire-fighting activities. Some examples of illicit discharges include sanitary wastewater, effluent from septic tanks, car wash wastewaters, improper oil disposal, and radiator flushing disposal, laundry wastewaters, construction site runoff, spills from roadway accidents, and swimming pool discharges (that have not been de-

chlorinated). These illicit discharges can enter a storm drain system either through a direct connection (e.g., a pipe connected directly to the storm drain) or indirectly (e.g., spills, dumped chemicals, cracks in sanitary sewers). As a result, inadequately treated wastes potentially containing high levels of pollutants, such as heavy metals, oil and grease, toxics, viruses, and bacteria, are discharged into the MS4 and ultimately to the Waters of the State. The next subsections describe Auburn University's current program to detect and eliminate both direct and indirect illicit discharges into the storm drain system and associated plans for the permit term.

Regulations require identification and elimination of all non-storm water discharges and appropriate responses to protect the campus community and the environment. Auburn University relies upon multiple methods to identify illicit discharges as quickly as possible. All potential illicit discharges should be reported to Auburn University Risk Management and Safety upon discovery. Discovery and reporting methods include reports conveyed from the campus community to the University's Facilities Management Department by dialing 844-HELP, by utilizing the electronic reporting feature known as "Ask Facilities" or by contacting RMS at 844-4870. Reports might originate from faculty, staff, students, or campus visitors. AU staff with specific training on illicit discharge identification will increase the probability of proper and timely reporting.

Investigation of illicit discharges will commence as soon as practicable but always within 5 working days of the initial discovery or report. Investigation and mitigation measures are implemented upon detection to identify possible source(s) of illicit discharges and to either prevent or reduce adverse impacts to the MS4. A written record will be maintained to document each illicit discharge investigation. Record will include the nature of the discharge, possible sources, mitigation, or cleanup measures implemented, any steps taken to prevent similar discharges in the future, and documentation of any ADEM reporting required.

Target Audience

Auburn University has a unique opportunity to reach several distinct target audiences throughout the year. These audiences include Auburn University faculty and staff, students, parents of students, visitors, contractors on campus, and surrounding community stakeholders.

Responsible Parties

The Illicit Discharge Detection & Elimination measure development and implementation will be overseen by a partnership between the Auburn University Facilities Management, RMS and the University Water Resource Center.

Measurable Outcomes and Evaluation

1. Update map of all campus storm water outfalls. As required by Section III(b)(i) of the Permit, Auburn University will provide annual updates of the map to ADEM by May 31st each year.
2. Promote illicit discharge detection and elimination program/elements at a minimum of four training/educational efforts.
3. Continue bacteriological monitoring to identify possible sources of impairment.
4. Perform and document annual dry weather screening/outfall inspections. Evaluate all outfalls to PMC during each reporting cycle.
5. Continue to investigate and prioritize repair or replacement of suspect infrastructure.
6. Evaluate IDDE Standard Operating Procedure (SOP).

Auburn University
Illicit Discharge Detection and Elimination
Standard Operating Procedure

1. Purpose of Standard Operating Procedure:

A. To improve the quality of surface water and ground water within the watershed areas owned and maintained by Auburn University by preventing illicit discharges and illicit connections.

B. To prevent the discharge of contaminated storm water runoff from Auburn University properties and operations into the storm drainage system and Parkerson Mill Creek.

C. To comply with the requirements of Auburn University storm water permit.

D. To comply with all United States Environmental Protection Agency and State laws applicable to storm water discharges.

2. Definitions

An Illicit Discharge is the discharge of pollutants or non-storm water materials to the storm drainage system via overland flow or direct dumping of materials into a catch basin or inlet. Examples of illicit discharges include overland drainage from car washing or cleaning paint brushes in or around a catch basin.

An Illicit Connection is the discharge of pollutants or non-storm water materials into the storm drainage system via a pipe or other direct connection. Sources of illicit connections may include sanitary sewer taps, wash water from laundry facilities, wash water from sinks, or other similar sources.

3. Illicit Discharges

No University employee, student, visitor, contractor, department, or unit shall cause or allow discharges into the Auburn University storm drainage system which are not composed entirely of storm water, except for the allowed discharges listed in Section 5.

Prohibited discharges include but are not limited to: oil, anti-freeze, grease, chemicals, wash water, paint, animal waste, garbage, and litter.

4. Illicit Connections

The following connections are prohibited, except as provided in Section 5 below: Any drain or conveyance, whether on the surface or subsurface, which allows any non-storm water discharge, including but not limited to sewage, process water, wastewater, or wash water, to enter the storm water drainage system, and any connections to the storm drain system from indoor drains or sinks.

5. Allowed Discharges

The following discharges to the storm drainage system are allowed:

A. Discharges that are specifically permitted under a State or federal stormwater program.

B. Incidental non-storm water discharges which do not significantly contribute to the pollution of Auburn University surface waters and are limited to the following:

- Water line flushing
- Reclaimed water line flushing
- Landscape irrigation, including but not limited to reclaimed water
- Diverted stream flows

- Rising groundwater
- Uncontaminated groundwater infiltration
- Uncontaminated pumped groundwater
- Discharges from potable water sources
- Foundation drains
- Air conditioning condensate (that does not contain biocide)
- Springs
- Water from crawl space pumps
- Footing drains
- Flows from riparian buffers and wetlands
- De-chlorinated swimming pool discharges
- Flows from emergency firefighting
- Building wash water without detergents, cleaners, or corrosive additives.

C. If Auburn University determines that any of the above discharges contribute to pollution of campus streams or other surface waters or is notified by a State or federal government agency, such as the Alabama Department of Environmental Management, that the discharge must cease, Auburn University will instruct the responsible person to cease the discharge.

D. When instructed to cease the discharge, the discharger of substances newly classified as pollutants shall cease the discharge as possible and be given reasonable time to make corrections so that the discharge will not be repeated.

E. Nothing in this SOP shall affect a discharger's responsibilities under federal or State law.

6. Enforcement and Penalties

A. Whenever Auburn University finds that a violation of this SOP has occurred; Auburn University may order compliance by written notice to the responsible person.

Such notice may require without limitation:

i. The performance of monitoring, analyses, and reporting;

ii. The elimination of prohibited discharges or connections;

iii. Cessation of any violating discharges, practices, or operations;

iv. The abatement or remediation of storm water pollution or contamination hazards and the restoration of any affected property;
v. Payment of any fee, penalty, or fine assessed against Auburn University to cover remediation cost;
vi. The implementation of new storm water management practices; and
vii. Disciplinary action up to and including dismissal, where appropriate.
B. Such notification shall set forth the nature of the violation(s) and establish a time limit for correction of these violation(s). Said notice may further advise that, if applicable, should the violator fail to take the required action within the established deadline, then Auburn University Department of Risk Management & Safety will initiate work orders for the appropriate corrective actions and the individual or University department will be charged for the cost.
7. Dry weather outfall inspection and monitoring
Auburn University shall, at a minimum, visually inspect PMC all outfalls during dry weather conditions each reporting cycle. Flows suspected of containing illicit discharges due to the presence of odors, colors or sheens shall be investigated. Investigation may include water chemistry field testing and/or bacteriological sampling and will be dependent upon the characteristics of the observed discharge. Investigations may involve Facilities Management, Risk Management and Safety and AU Water Resource Center resources to trace source of suspect illicit discharge. Upon source discovery, measures will be implemented to cease discharge immediately as possible. Should immediate cessation not be practicable, a schedule will be developed. Should the source of discharge be determined to originate off campus, the MS4 community having jurisdiction will be notified within 24 hours as well as the Department. The physical condition of the outfall shall also be noted during the inspections. Compromised outfall structures requiring maintenance will be documented with a work order to correct noted deficiency submitted within 24 hours of its discovery.
8. Promote Illicit Discharge Detection & Elimination SOP
Promotion of this SOP shall be presented to Auburn University community via multiple methods to raise awareness via various means.

2.3 Construction Site Storm Water Runoff Control

In accordance with Part III (B) (4) of NPDES Permit No ALR040030, Auburn University developed the Construction Site Storm Water Runoff Control Best Management Practice.

Target Audience

The Construction Site Runoff Control Program was developed for the contractors performing construction activities on campus and to assist AU Facilities Management personnel responsible for managing development on campus. Auburn University has a unique opportunity to reach several distinct target audiences throughout the year. These audiences include Auburn University faculty and staff, students, parents of students, visitors, contractors on campus, and surrounding community stakeholders.

Responsible Parties

Auburn University's Facilities Management is responsible for all construction projects on campus and implementation of this measure.

Auburn University Design and Construction Standards serve as the University's regulatory mechanism for the Construction Storm Water Control Program and were recently revised to strengthen the storm water management efforts on all University construction sites including the following sections.

Section G10 – Site Preparation

2022-Design-Standards-Binder-Final.pdf (auburn.edu)

Section G10 of the Design and Construction Standards was modified to provide the Contractor a contractual responsibility to meet the objectives of the General NPDES Permit. This section requires that the Contractor:

- Meet the requirements outlined in the Alabama Handbook for Erosion and Sediment Control and Storm Water Management of Construction Sites and Urban Areas.
- Demonstrate compliance with ALR100000 Notice of Intent requirements prior to initiating any earthwork at the site with use of the "AU Land Disturbance Authorization" form contained in the contract Front End documents.

- Prior to requesting Termination of Coverage per ALR100000 from the State, the Contractor shall provide AU a completed “Notice of Intent to Close Permit” form to obtain concurrence from AU.
- Require turbidity monitoring at specified construction sites to ensure that site runoff not result in an increase of 50 NTU turbidity standards.

Auburn University is capable of conducting routine turbidity monitoring at specified sites to determine the effectiveness of the on-site controls design, installation, and maintenance. Construction contracts administered by Facilities Management further identify the procedures that will be taken by the Auburn University should NPDES non-compliance be identified to include withholding payment and notification to ADEM.

Measurable Outcomes and Evaluation

1. Perform in-house construction site inspections in accordance with Contractors NPDES Permit responsibilities.
2. Perform annual training erosion and sedimentation training to AU designers and project managers to better understand the G10 requirements.
3. Continue in-house turbidity monitoring of select sites to quantify sedimentation impacts.

2.5 Post Construction Runoff Control

The post construction runoff control measure is designed to ensure that new construction designs do not result in increased storm water pollution.

Development can alter landscapes by increasing impervious areas (i.e., roofs, driveways, parking lots) and changing drainage patterns, thereby increasing the storm water rate, volume and velocity of runoff from a site. This can lead to degradation of receiving waters and increases in the occurrence of flooding. Storm water from developed impervious areas can also contain a variety of pollutants that are detrimental to water quality, such as sediment, nutrients, heavy metals, pathogenic bacteria, and petroleum hydrocarbons.

The goal of post-construction storm water management is “to reduce runoff volume and improve water quality by replicating the natural hydrology and water balance of the site, based on historical conditions and undeveloped ecosystems in the region.” LEED v4 Our intention is to develop storm water management designs in a manner best replicating natural site hydrology processes. New projects on campus shall address water quality and quantity impacts early in the design process to provide long-term water quality benefits. The implementation of Green infrastructure BMP designs that reduce impervious surfaces, provide water filtering services and encourage infiltration is preferred. New projects offer many opportunities to reduce storm water runoff from the site.

To meet the requirements of Part III B5 of the Permit, Auburn University developed a Campus Landscape Master Plan (CLMP) as part of the overall Comprehensive Campus Master Plan. The Master Plan is approved by the Board of Trustees and serves as the mechanism to ensure that the objectives of the CLMP are achieved. The CLMP embraces a sustainable environment, including an emphasis on Low Impact Development and Green Infrastructure approaches to storm water management that incorporate best management practices for maintenance and implementation schedules, as well as campus watershed restoration opportunities.

The Design and Construction Standards performance requirements state a project is to not increase peak storm water flows for the 2-, 5-, 10-, and 25-year storm events as well as provide water quality treatment for the first 1.2 inches of rainfall with an 80 percent Total Suspended Solids (TSS) reduction goal. Projects are also encouraged to reduce overall storm water runoff volume by reducing impervious cover campus wide and promotion of infiltration.

Responsible Parties

Auburn University’s Facilities Management is responsible for the implementation of the CLMP and implementation of this measure.

Measurable Outcomes and Evaluation

1. Provide training to AU Design Leads, maintenance personnel, and others on

AU storm water management preferences, updated Design Standards / Post Construction Storm Water Manual.

2. All new and redeveloped AU properties shall develop a storm water management plan to comply with the Design and Construction Standards. A report documenting the implementation or consideration of Low Impact Development and Green Infrastructure shall be reviewed per the Post Construction Storm Water Manual by Facilities Management.

2.6 Pollution Prevention / Good Housekeeping for Municipal Operations

Efforts to survey University activities and facilities will continue. These surveys focus on the storage of materials at the variety of areas managed by Facilities Management, Auxiliary Operations, various academic departments, and AU Athletic Department.

Part III.B.5.a. of the Permit requires Auburn University to inventory “municipal facilities” including municipal facilities that have a potential to discharge pollutants via storm water runoff, develop strategies to reduce litter, floatables and debris from entering the storm sewer system from these facilities, develop SOPs detailing good housekeeping practices to be employed at the appropriate municipal facilities, develop an inspection program to evaluate these operations and to develop a good housekeeping training program for municipal facility staff as outlined in the SOP.

Standard Operating Procedure

Municipal Facilities have been inventoried and are listed below. Due to the activities conducted at these facilities and because of the potential to introduce pollutants to the University’s MS4, have been identified as “Municipal Facilities” and fall subject to this SOP. Implementation requires inspection of the municipal facility by the responsible AU entity. The responsible AU entity Supervisor will be notified of all discharges upon discovery. All discharge(s) and/or potential discharge(s) and the subsequent corrective measures taken will be documented be documented, and recommended corrective measures taken immediately. Record of inspection will be maintained by AU for a period of three years and will be made available for internal and external audit.

Inventory of Municipal Facilities

Facilities Management	**Athletics**
Auto/Small Engine Shop	Plainsman Park
Fleet Fueling Station	Jordan Hare Stadium
Materials Management	Soccer Complex
Landscape Services	Jane B. Moore Softball Complex
Facilities Management Yard	Hutsell Rosen Track
Chilled Water Plant I	Auburn Arena
Chilled Water Plant II	Watson Field House
Chilled Water Plant III	Football Performance Facility (under construction)
District Energy Plant	
Hot Water Plant I	**Risk Management & Safety**
Hot Water Plant II	Environmental Health & Safety I
Satellite Steam Plant	Environmental Health & Safety II
44 kV Substation	Environmental Health & Safety III
115 kV Substation	Pathological Waste Incinerator
Student Affairs	
Edge Dining (CD)	
Foy Dining (CD)	
Village Dining (CD)	
Student Center (CD)	
Terrell Hall Dining (CD)	
Wellness Kitchen (CD)	
Sports Plex (CR)	
Intramural Field House/Equipment Pole Barn (CR)	

CD: Campus Dining

CR: Campus Recreation

GL: Greek Life

Measurable Outcomes & Evaluation:

1. Quantify regulated and non-regulated waste management and minimization volumes from campus operations.
2. Perform and document “municipal facility” annual inspections.
3. Provide and document annual pollution prevention training to municipal facility personnel.
4. Update “municipal facility” inventory annually.

Responsible Department:

Auburn University RMS, Facilities Management, Office of Student Affairs and Athletics

Spill Prevention Control and Countermeasure (SPCC) Program

AU RMS has developed and maintains the campus SPCC Plan. The Plan calls for the proper storage and management of oil containing equipment. The SPCC Plan identifies the procedures to be followed to regularly (monthly) inspect applicable containers and instructs “oil handling personnel” on the appropriate measures to take in the event of a spill.

Measurable Outcomes and Evaluation:

1. Document the number of inspections performed on regulated storage units on an annual basis (SPCC).
2. Document the number of preventive maintenance procedures performed on tanks, valves, pumps, pipes, and other equipment.
3. Document the number of training presentations performed and the number of employees trained annually.
4. Document the annual volume of used oil managed by AU.

Responsible Department:

AU RMS & Facilities Management

Monitoring Plan for Pathogen Impairment

In accordance with Part V of the Permit, AU will continue to evaluate Parkerson Mill Creek (PMC) Watershed for its pathogen impairment. PMC is in Lee County; the watershed is part of the Chewacla Watershed, in the lower Tallapoosa River Basin. The 9.3 square mile (5,981 acres) watershed contains 21,000 meters (68,500 ft.) of main stem perennial stream and approximately 86,000 meters (282,152 ft.) of tributary stream length. The stream network empties into Chewacla Creek, just south of the H.C. Morgan Water Pollution Control Facility

The watershed includes the City of Auburn, Auburn University and the surrounding areas. The headwaters of PMC are approximately 3,000 meters (9,845.5 ft.) in length and are located on the campus of Auburn University. In 2007, ADEM listed PMC as impaired on Alabama's 303(d) List of Impaired Waters for pathogens from point source and non-point sources, primarily urban runoff and storm sewer connections. As such, AU regularly monitors PMC by performing bacteriological analysis through the AU Water Resource Center's Alabama Water Watch (AWW) program. The results of the monitoring effort will be reported with the submission of the annual report. Collaboration with the City of Auburn will continue as both entities contain and have influence on this watershed.

REVIEW AND UPDATING SWMPP

AU will review the SWMPP annually in conjunction with the preparation of the annual report required under Part IV, Section B of the General Permit.

The annual report will be submitted to the ADEM for each year of the permit term. Reports are due to ADEM by May 31st of each year and will cover activities for the previous reporting period (April 1- March 31).

The reports consist of:

- Compliance status including:
    - Assessment of the appropriateness of the BMPs
    - Progress towards achieving statutory goals of reducing the discharge of pollutants and protecting water quality.

    - Measurable goals for each of the minimum control measures
- Results of information collected and analyzed, if any, during the reporting period.
- Any changes made to the SWMPP since the last annual report and a summary of the storm water activities AU plans to initiate during the next reporting cycle.
- Proposed changes to the SWMPP
- Description and schedule for implementation of additional BMPs that may be necessary based on monitoring results.
- Monitoring data

Annual reports are signed by the duly authorized Responsible Official and facilitated by Risk Management and Safety.

Appendix B

Policy on Storm Water Management Compliance

April 1, 2023, through March 31, 2024

POLICY ON STORMWATER MANAGEMENT COMPLIANCE

I. POLICY STATEMENT

Auburn University ("The University") shall manage its stormwater in compliance with the National Pollutant Discharge Elimination System (NPDES) General Permit ALR040030 ("The Permit"), or subsequent permits, and the University's Stormwater Management Plan.

II. POLICY PRINCIPLES

A. The University's "Policy on Stormwater Management Compliance" governs the University's Stormwater Management Program. This Policy guides the University in administering the requirements and procedures of the Permit as required of the University and as administered by the Alabama Department of Environmental Management (ADEM).

B. Regulatory Background:

1. The United States Environmental Protection Agency (EPA) and ADEM have designated the University as an owner/operator of a Phase II municipal separate storm sewer system (MS4). The EPA's Clean Water Act Phase II Stormwater Regulations (implemented March 2003) require operators of regulated Phase II MS4s to obtain an NPDES permit and to develop a stormwater management program designed to protect water quality and to prevent harmful pollutants in stormwater runoff from being discharged into the MS4.

2. The intent of the Clean Water Act Phase II regulations is to reduce adverse impacts to water quality and aquatic habitat by instituting the use of best management practices on sources of stormwater discharges not regulated by other measures. In order to comply with the Clean Water Act Phase II regulations, the University must satisfy six "minimum control measures," including:

   a. Public Education and Outreach

   b. Public Participation/Involvement

   c. Illicit Discharge Detection and Elimination

   d. Construction Site Runoff Control

   e. Post-Construction Stormwater Management

   f. Pollution Prevention/Good Housekeeping

3. Parkerson Mill Creek was determined to be "Impaired Water" and consequently placed on the ADEM 303(d) list of impaired and threatened waters ("303(d) list") in 2008 and 2010. Known water quality concerns have been identified as pathogens resulting likely from urban runoff and sewer cross connections. A Total Daily Maximum Load (TMDL) for Parkerson Mill Creek was issued by ADEM in September 2011. Implementation of this stormwater TMDL was addressed in the Permit.

C. A University Stormwater Management Plan (SWMP) has been created and annually updated since 2009. The SWMP was created in compliance with EPA and ADEM requirements as identified in the Permit and in concert with the Campus Master Plan, the Landscape Master Plan and the Policy for Natural Resource Management. The SWMP details the measures that are to be taken to meet the six minimum control measures identified above, identifies the University entity(s) having responsibility towards each measure and the metrics to evaluate their effectiveness.

D. It is University policy that all stormwater shall be managed in accordance with the SWMP and that all University organizations and non-University organizations operating on University's main campus shall conduct their operations and activities in compliance with this plan.

III. EFFECTIVE DATE

This policy is in affect as of June 15, 2016.

IV. APPLICABILITY

This policy applies to all University organizations, as well as all University operations, construction projects, and other campus activities.

V. POLICY MANAGEMENT

Responsible Office: Auburn University Facilities Management

Responsible Executive: Executive Vice President, Auburn University

Responsible Officer: Associate Vice President, Facilities

VI. DEFINITIONS

303(d) List: List of impaired and threatened waters (stream/river segments, lakes) that the Clean Water Act requires all states to submit for EPA approval every two years on even-numbered years. States identify all waters where required pollution controls are not sufficient to attain or maintain applicable water quality standards, and establish priorities for development of TMDLs based on the severity of the pollution and the sensitivity of the uses to be made of the waters, among other factors. States then provide a long-term plan for completing TMDLs within 8 to 13 years from first listing.

ADEM: Alabama Department of Environmental Management, the governing body responsible for enforcing environmental regulations in the State of Alabama.

Best Management Practices (BMP): Activities or structural improvements that help reduce the quantity and improve the quality of stormwater runoff. BMP include treatment requirements, operating procedures, and practices to control site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

Campus Master Plan: As stipulated in the University's "Campus and Capital Projects Planning Policy," the Campus Master Plan "is a physical plan and comprehensive set of policy directives that together provide long-range strategies for the growth and development of the Auburn University campus." The Campus Master Plan is updated periodically, as required, and the Board of Trustees reviews and approves all changes.

Campus Master Plan Land Use Element: The chapter of the Campus Master Plan that establishes formal Land Use Categories and Land Use Area boundaries that define permitted uses for all University Land.

Clean Water Act (CWA): Act passed by the United States Congress to control water pollution, formally called the Federal Water Pollution Control Act of 1972 or Federal Water Pollution Control Act Amendments of 1972.

Environmental Protection Agency (EPA): United States agency responsible for protecting human health and the environment.

Executive Facilities Committee: Appointed by the President, a senior group of University Administrators, representing major facility stakeholders, that considers and formulates recommendations for the President, regarding campus facility plans and programs.

Landscape Master Plan (LMP): Developed as a component, or sub-plan, of the Campus Master Plan, the LMP provides prescriptive requirements of a design approach that will guide the University toward implementation and realization of the landscape vision for the Auburn campus. The LMP document aids in defining the project scope of each campus project that affects Auburn University exterior facilities and provides tools designed to ensure that each project is viewed within its larger campus context and contributes to the success of the larger campus landscape.

Master Plan Committee: A representative committee appointed by the President that provides input regarding facilities, planning, transportation planning, land planning, infrastructure, and site development activities. The Committee also provides input on the continuing administration, maintenance, implementation, change, and updating of the Campus Master Plan.

Municipal Separate Storm Sewer System (MS4): is a conveyance or system of conveyances owned by a state, city, town, village or other public entity that discharges to waters of the U.S.

Natural Resource Management Area (NR): The Campus Master Plan Land Use Category and Land Use Area, identified on the Campus Master Plan as "NR," that identifies areas of the campus that are designated for natural resource protection and enhancement with limited development potential. NR areas include land located on either side of Parkerson Mill Creek and Town Creek and their tributaries, FEMA 100- year floodplains, wetlands, streams, steep slopes, and critical buffer zones.

NPDES: National Pollutant Discharge Elimination System. The national program for issuing, modifying, revoking, reissuing, terminating, monitoring, and enforcing permits and for imposing and enforcing pretreatment requirements under sections 307, 318, 402, and 405 of the Clean Water Act (CWA).

Parkerson Mill Creek: One of two principal stream systems, including all tributaries and main channel streams, that flows on the University main campus (see appendix 1); a tributary of Chewacla Creek, which flows into the Tallapoosa River.

Parkerson Mill Creek Watershed: Area of land on the University main campus that drains the tributaries, main channel, stream banks, and floodplain of Parkerson Mill Creek (see appendix 1).

Pathogens: Microorganisms that can cause disease in other organisms or in humans, animals, and plants. They may be bacteria, viruses, or parasites and are found in sewage, in runoff from animal farms or rural areas populated with domestic and/or wild animals, and in water used for swimming. Fish and shellfish contaminated by pathogens, or the contaminated water itself, can cause serious illnesses.

Permit: The National Pollutant Discharge Elimination System (NPDES) General Permit ALR040030 issued to Auburn University.

Policy for Natural Resource Management: University policy that implements the Campus Master Plan Land Use Element as it relates to University Land designated as natural resource protection and enhancement areas with limited development potential, including the protection, enhancement, and restoration of Parkerson Mill Creek, Town Creek, and the tributaries within their watersheds on the main campus.

Stormwater: Runoff occurring when precipitation flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater runoff from naturally soaking into the ground. These discharges often contain pollutants in quantities that could adversely affect water quality. Federal regulations require permits for stormwater discharges associated with industrial activity, construction projects (disturbing one or more acre of land) and MS4s. These permits require controls to reduce the transport of pollutants in storm water to waters of the United States.

Stormwater Management Plan (SWMP): University plan developed for the implementation of NPDES permit requirements.

Stormwater Management Program: University plans, procedures and practices required by EPA and ADEM to obtain NPDES MS4 permit and NPDES construction stormwater permits for construction projects (disturbing one or more acre of land).

Stormwater Pollutant: Chemicals, sediment, trash, disease-carrying organisms, and other contaminants picked up by stormwater as it runs off roofs and roads into rivers, streams and other water bodies. Studies show that stormwater pollution rivals sewage plants and large factories as a source of damaging pollutants in drinking water and at water bodies.

TMDL: Total Maximum Daily Load designates the calculated maximum amount of pollutant that a body of water can receive and still safely meet water quality standards. TMDL= Wasteload Allocation (NPS) + Load Allocation (PS) + Margin of Safety.

Town Creek: One of two principal stream systems, including all tributaries and main channel streams that flow on the University main campus (see appendix 1); a tributary of Chewacla Creek, which flows into the Tallapoosa River.

Town Creek Watershed: Area of land on the Auburn University main campus that drains the tributaries, main channel, stream banks, and floodplain of Town Creek (see appendix 1).

University Land: All land owned or leased by Auburn University.

VI. POLICY PROCEDURES

A. Auburn University Facilities Management ("Facilities Management") will administer this policy on behalf of the University.

B. The University's Department of Risk Management and Safety is primarily responsible for reporting the University's compliance efforts, maintaining the University's SWMP and facilitating progress with other University groups that have responsibility towards the Permit's overall objective

C. Facilities Management shall establish a Stormwater Management Committee (SWMC) as a subcommittee of the Master Plan Committee. The SWMC shall:

1. Develop, implement, and maintain a Stormwater Management Program to, comply with the Permit, at a minimum, with a goal to have Parkerson Mill Creek removed from the 303(d) list between 2016 and 2021 consistent with 303d list guidelines;

2. Review and update the SWMP as needed;

3. Develop a checklist to ensure compliance with this policy and the management plans described herein.

D. The SWMC will include members from the Master Plan Committee as well as additional ad hoc representatives, to include, but not limited to, the Alabama Cooperative Extension System; Athletics Department; Campus Planning; College of Agriculture; College of Sciences and Mathematics; Design and Construction; Housing & Residence Life; Landscape Services; the Office of Risk Management and Safety; the Office of Sustainability; the School of Forestry; and Division of Student Affairs.

VIII. SANCTIONS

This Policy serves as the regulatory mechanism to prohibit activities on University Land that would be non-compliant with either the Permit or the Stormwater Program.
In the event of non-compliant activity by an organizational unit of the University, the appropriate chain of command will be used to bring the activity back into compliance or cause it to stop. In the event of intentional non-compliant activity by a student(s), the Code of Student Discipline may apply. For intentional non-compliant activities by a University employee(s), progressive discipline measures may apply. For intentional or negligent non-compliant activities resulting from a University Contractor, work stoppage, formal project review, and appropriate corrective actions may apply.

IX. EXCEPTIONS

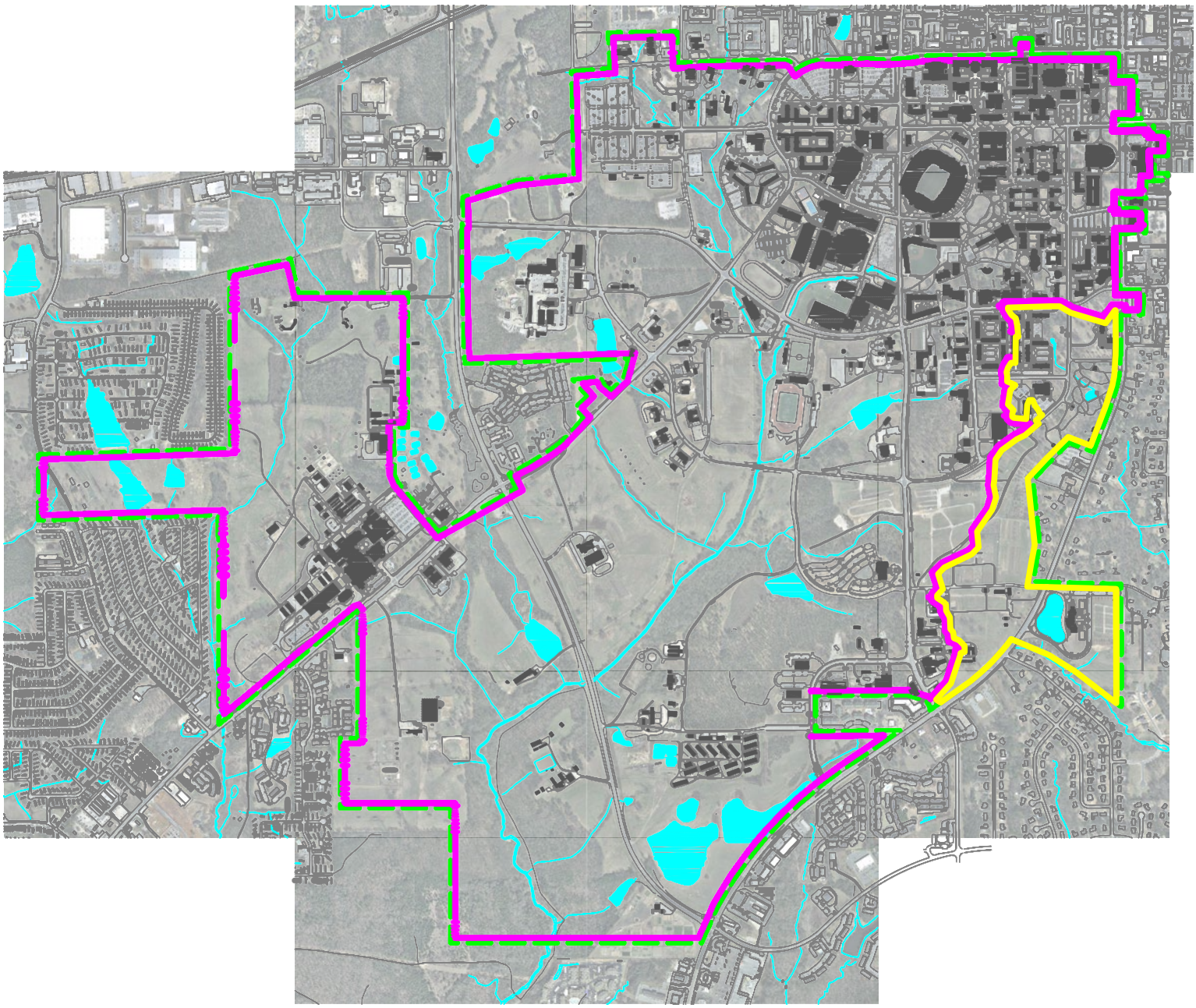
This policy applies to the Auburn University main campus. All other University Land is exempt.

X. INTERPRETATION

The Responsible Officer is authorized to interpret questions and issues regarding the requirements and applicability of this policy.

ADOPTED: June 15, 2016

APPENDIX1



LEGEND

AUBURNUNIVERSITY MAINCAMPUSBOUNDARY

PARKERSONMILL CREEKWATERSHED

TOWNCREEK WATERSHED

AUBURN UNIVERSITY

0 1800 3600

SCALE:1:1800

Appendix C

Illicit Discharge Detection & Elimination

Outfall Reconnaissance Inventory (ORI) Field Sheets

April 1, 2023, through March 31, 2024

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: Parkerson Mill		Outfall ID: SW N04-09	
Today's date: 12/13/23		Time (Military): 0800 hrs	
Investigators: Mike Freeman		Form completed by: Mike Freeman	
Temperature (°F): 52	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N 32° 36" 11.73"	Longitude: W 85° 29" 52.72"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☑ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☒ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 72 x 96	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial Yearly				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☑	See severity	☑ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No		
2. If yes, collected from:	☐ Flow	☐ Pool		
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM	☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW N04-11	
Today's date: 12/13/23		Time (Military): 0900 hrs	
Investigators: Mike Freeman		Form completed by: Mike Freeman	
Temperature (°F): 52	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 36' 11.37"	Longitude: W85° 29' 50.97"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☑ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Outfall @ Utility Barn — Extension Loop

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☑ No	*If No, Skip to Section 5*			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PME		Outfall ID: ~~SW N05-03~~ SW N05-02	
Today's date: 12/13/23		Time (Military): 0905	
Investigators: Mike Freeman		Form completed by: Mike Freeman	
Temperature (°F): 52°	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 08.62"	Longitude: W85° 27' 50.57"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): Extension Loop

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☐ No ☑ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☒ Yes ☐ No	***If No, Skip to Section 5***			
Flow Description (If present)	☑ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW NOS-08	
Today's date: 12/13/23		Time (Military): 0915 hrs	
Investigators: Mike Freeman		Form completed by: Mike Freeman	
Temperature (°F): 57	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N 36° 36' 07.83"	Longitude: W 85° 29' 55.41"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☑ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g. origin of outfall, if known):

Hemlock Drive

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 48"	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☑ Yes ☐ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☒	☒ Brown ☐ Orange ☐ Green ☐ Other:	IRON

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Vegetation - Vines

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW NOS-09	
Today's date: 12/13/23		Time (Military): 0930hrs	
Investigators: Mike Freeman		Form completed by: Mike Freeman	
Temperature (°F): 53	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N 32° 06' 18"	Longitude: W 85° 29' 50.76"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☒ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 18"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No	*If No, Skip to Section 5*			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PME		Outfall ID: NOS-10	
Today's date: 12/13/23		Time (Military): 0940hrs	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 53	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N32° 36' 08.52"	Longitude: W85° 29' 51.32"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 18"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☑ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW NO513	
Today's date: 12/13/23		Time (Military): 1000 hrs	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 54	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N36° 36' 08.11"	Longitude: W85° 29' 55.30"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 18"	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☑ Yes ☐ No	***If No, Skip to Section 5***			
Flow Description (If present)	☑ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☑ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☒ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW N06-02	
Today's date: 12/13/23		Time (Military): 1020 hrs	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 54	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 36' 04.99"	Longitude: W85° 29 50.22"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☒ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Last outfall / Extension Loop - Repaired 2023

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 18"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐Yes ☐No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐Clear ☐ Brown ☐ Gray ☐ Yellow ☐Green ☐ Orange ☐Red ☐Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐Oily ☐ Flow Line ☐Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐Floatables ☐ Oil Sheen ☐Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNC		Outfall ID: P04-30	
Today's date: 12/13/23		Time (Military): 1050 hrs	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 55	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 36' 13.92"	Longitude: W85° 29' 49.43"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): Farm House

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 58 X 38	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☒ Yes ☐ No	***If No, Skip to Section 5***		Yearly	
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☒ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNC		Outfall ID: P04-31	
Today's date: 12/13/23		Time (Military): 1300 hrs	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 57°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N 32° 36' 13.46"	Longitude: W85° 29' 49.40"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No	***If No, Skip to Section 5***			
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial	very little - ~~flow~~ drippings			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: PO4-32	
Today's date: 12/13/23		Time (Military): 1315 hrs	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 57	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 13.36"	Longitude: W85° 29' 49.06"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 48"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☒ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNC		Outfall ID: SWP04-37	
Today's date: 12/13/23		Time (Military): 1350	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 58	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N32° 36' 13.83"	Longitude: W85° 29' 49.30"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☐ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 60"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: D06-05	
Today's date: 12/13/23		Time (Military): 1235	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 52°	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 36' 19.92"	Longitude: W 85° 29' 43.44"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 18	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☐ No ☑ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☒ Yes ☐ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No		
2. If yes, collected from:	☐ Flow	☐ Pool		
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM	☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: PO 7-16	
Today's date: 12/13/23		Time (Military): 1430	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 59	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 35' 56.87"	Longitude: W85° 29' 31.85"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Corner Wire & Sanford @ Football Complex

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 18"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No		
2. If yes, collected from:	☐ Flow	☐ Pool		
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM	☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNC		Outfall ID: PO7-17	
Today's date: 12/13/23		Time (Military): 1440	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 59°	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 35' 56.83"	Longitude: W85° 29' 31.93"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Football Complex under Sanford

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: _____	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☐ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNC		Outfall ID: PO7-18	
Today's date: 12/13/23		Time (Military): 1440	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 55	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N 32° 35' 56.54"	Longitude: W 85° 29' 31.60"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 42"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: P8-08	
Today's date: 12/13/23		Time (Military): 1502	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 59°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N 32° 36' 54.22"	Longitude: W85° 29' 48.82"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): South of McWhorter

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☐ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 15"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☑ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNE		Outfall ID: P08-12	
Today's date: 12/14/23		Time (Military): 0900	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 47	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32°36'01.41"	Longitude: W85°29'46.87"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
East / Softball Complex

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No	*If No, Skip to Section 5*			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: P09-02	
Today's date: 12/14/23		Time (Military): 0915	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 47°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: ~~N32° 36' 08.62"~~	Longitude: ~~W85° 30' 57"~~	GPS Unit:	GPS LMK #:
Camera: N32° 35' 50.31"	W85° 29' 47.29"	Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): (12) of Softball Indoor ~ Bigg D

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe (12)	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular (24) ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single (1) ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☑ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☑ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☒ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☒ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNC		Outfall ID: QO3-31	
Today's date: 12/14/23		Time (Military): 0920	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 47°	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: ~~N32° 36' 11.38"~~	Longitude: ~~W85° 29' 50.97"~~	GPS Unit:	GPS LMK #:
Camera: N 32° 36' 04.27"	W85° 29' 49.11"	Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): Sigma Nu

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 30"	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial VERY EARLY				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☒ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: Q07-19	
Today's date: [redacted] - 12/14/23		Time (Military): 0930	
Investigators:		Form completed by: MIKE FRIEDMAN	
Temperature (°F): 51°	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: ~~N32° 35' 71.73'~~	Longitude: ~~W85° 29' 52.72"~~	GPS Unit:	GPS LMK #:
Camera: N 32° 35' 53.71"	W85° 29' 39.04"	Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): Biggio / Sanford

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 8"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No	*If No, Skip to Section 5*			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1.	Sample for the lab?	☐ Yes	☒ No
2.	If yes, collected from:	☐ Flow	☐ Pool
3.	Intermittent flow trap set?	☐ Yes ☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW 008-'07	
Today's date: ~~2/1/24~~ 2/1/24		Time (Military): 1300 hrs	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F):	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 35' 55.71"	Longitude: W 85° 29' 39.04"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Sanford + Biggio Rounds

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 18"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ■ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

■ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	■ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW R07-13	
Today's date: 2/1/24		Time (Military): 2/1/24 1300hrs /1310	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F):	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: 32° 35' 52.25"	Longitude: W85° 29' 38.40"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):
Rock Wall → BIGGIO SR Across from fast.

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ■ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

■ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	■ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SWR07.23	
Today's date: 2/1/24		Time (Military): 1315 hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F):	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 35' 52.25"	Longitude: W85° 29' 38.00"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

OF 2 AT ROCK WALL @ BIGGIO

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	[redacted] ☒ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PME		Outfall ID: SW R07-15	
Today's date: 2/1/24		Time (Military): 1320hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): ~~38°~~ 56.56"	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N32° 56.56"	Longitude: W 85° ~~37'~~ 36.35"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): B16610 DR

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☒ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 72"	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☒ Yes ☐ No	*If No, Skip to Section 5*			
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial	YEAR/SEASON ROUND FLOW			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ■ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ■ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

■ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	■ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW R01-16	
Today's date: 2/23/24		Time (Military): 09:30 WS	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 52°	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N 32° 35' 56.45"	Longitude: W85° 29' 34.04"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

WATSON FIELD HOUSE SIDE OF Parkerson Mill Creek -

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☑ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

■ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	■ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW0507-12	
Today's date: 2/23/24		Time (Military): 0938 hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 52°	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 35' 58.03"	Longitude: W85° 29' 27.43"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

BEMC

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 48"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☑ Yes ☐ No	*If No, Skip to Section 5*			
Flow Description (If present)	☑ Trickle ☐ Moderate ☐ Substantial	YEAR ROUND -			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☒ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☒ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW S07-13	
Today's date: 2/23/24		Time (Military): 0940 hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 53°	Rainfall (in.): Last 24 hours: ∅	Last 48 hours: ∅	
Latitude: N32 35' 58.02"	Longitude: W85° 29' 29.39"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

BEHIND LARGE BOX

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☑ Box ☐ Other: ____	☑ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 96 X 72	In Water: ☐ No ☑ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☑ Yes ☐ No	***If No, Skip to Section 5***			
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial	YEAR ROUND			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ■ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	■ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ■ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ■ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection TYPICAL - HISTORICAL

1. Sample for the lab?	☐ Yes	■ No		
2. If yes, collected from:	☐ Flow	☐ Pool		
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM	☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW S07-16	
Today's date: 2/23/24		Time (Military): 1000hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 53°	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 35' 56.87	Longitude: W85° 29' 31.85"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

BIGGIO ↑ NEAR FIELDHOUSE

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 18"	In Water: ☐ No ☐ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐Yes ☐No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐Clear ☐ Brown ☐ Gray ☐ Yellow ☐Green ☐ Orange ☐Red ☐Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐Oily ☐ Flow Line ☐Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐Floatables ☐ Oil Sheen ☐Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNC		Outfall ID: SW 507-17	
Today's date: 2/23/24		Time (Military): 1005 hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 54°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N32° 35' 56.83"	Longitude: W 85° 29' 31.93"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

B16610 NEAR FIELDHOUSE - (Circle Pipe IN BOX)

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☐ No ☒ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW S07-18	
Today's date: 2/23/24		Time (Military): 1009 hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 54°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N 32° 35' 56.34"	Longitude: W 85° 29' 31.60"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

B16610 - (FIELD HOUSE SIDE / BOX)

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 37 X 25	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

■ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	■ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW S07-19	
Today's date: 2/23/24		Time (Military): 1012 hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 55°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude:	Longitude:	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

BIGGIO N. of FIELD HOUSE

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☑ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☑ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW S07-20	
Today's date: 2/23/24		Time (Military): 1030hs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 57°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N32° 56.51"	Longitude: W85° 29' 32.53"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

BIGGIO DR ACROSS FROM BEMC LOADING DOCK

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐Yes ☐No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐Clear ☐ Brown ☐ Gray ☐ Yellow ☐Green ☐ Orange ☐Red ☐Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐Oily ☐ Flow Line ☐Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐Floatables ☐ Oil Sheen ☐Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☑ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☑No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PML		Outfall ID: SW TOT-14	
Today's date: 05MAR24		Time (Military): 0900 hrs	
Investigators:		Form completed by: Mike Freeman	
Temperature (°F): 63°	Rainfall (in.): Last 24 hours: 0	Last 48 hours: 0	
Latitude: N32° 36' 21.70"	Longitude: W85° 29' 22.57"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☐ Circular ☐ Eliptical ☒ Box ☐ Other: ____	☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 72 x96	In Water: ☐ No ☒ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____		Depth: ____ Top Width: ____ Bottom Width: ____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☒ Yes ☐ No	*If No, Skip to Section 5*			
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ■ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ■ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

■ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	■ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNL		Outfall ID: SW T07.17	
Today's date: 05 MAR 24		Time (Military): 0910hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 67°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N 32° 35' 56.28"	Longitude: W85° 29' 26.47"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Wellness Kitchen

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐ No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNL		Outfall ID: SW U10-1D	
Today's date: 05 MAR 24		Time (Military): 0920 WS	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 64°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N 32° 35' 44.50"	Longitude: W85° 29' 16.11"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

Forestry & Horticulture

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 54"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☑ Yes ☐ No	***If No, Skip to Section 5***			
Flow Description (If present)	☑ Trickle ☐ Moderate ☐ Substantial	~ Construction ↑ College of Ed. Clear			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1.	Sample for the lab?	☐ Yes	☒ No	
2.	If yes, collected from:	☐ Flow	☐ Pool	
3.	Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PME		Outfall ID: SW W09-04	
Today's date: 05 MAR 24		Time (Military): 0925 WS	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): ~~N 32° 35 48~~ 63° 81"	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N 32° 35.48-81"	Longitude: W 85° 29' 04.25"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

1ST OUTFALL @ MEMORY GARDEN (STEM + AG SITE)

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☑ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐ Yes ☐ No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐ No		
2. If yes, collected from:	☐ Flow	☐ Pool		
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐ OBM	☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PMC		Outfall ID: SW W 09-06	
Today's date: 05 MAR 24		Time (Military): 0930 hrs	
Investigators:		Form completed by: MIKE FIZER/MEAN	
Temperature (°F): 64°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N32° 35' 48.04"	Longitude: W85° 29' 04.83"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

↑ RESIDENCE HALL PARKING LOT - 1st PAST BRIDGE

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☑ **Closed Pipe**	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☑ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☑ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: 24"	In Water: ☑ No ☐ Partially ☐ Fully With Sediment: ☑ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☑ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐Yes ☐No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐Clear ☐ Brown ☐ Gray ☐ Yellow ☐Green ☐ Orange ☐Red ☐Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐Oily ☐ Flow Line ☐Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐Floatables ☐ Oil Sheen ☐Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab?	☐ Yes	☐No	
2. If yes, collected from:	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☐OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed: PNC		Outfall ID: * SW W09-11	
Today's date: 05 MAR 24		Time (Military): 0940hrs	
Investigators:		Form completed by: MIKE FREEMAN	
Temperature (°F): 64°	Rainfall (in.): Last 24 hours: Ø	Last 48 hours: Ø	
Latitude: N32° 46.69'	Longitude: W85° 29' 03.81"	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☒ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known):

BETWEEN STEM - 16 / RESIDENCE HALL PARKING · 2nd PAST BRIDGE

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ **Closed Pipe**	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: _____	☒ Circular ☐ Eliptical ☐ Box ☐ Other: _____	☒ Single ☐ Double ☐ Triple ☐ Other: _____	Diameter/Dimensions: <12"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ **Open drainage**	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: _____	☐ Trapezoid ☐ Parabolic ☐ Other: _____		Depth: _____ Top Width: _____ Bottom Width: _____	
☐ **In-Stream**	**(applicable when collecting samples)**				
Flow Present?	☐ Yes ☒ No *If No, Skip to Section 5*				
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		**RESULT**	**UNIT**	**EQUIPMENT**
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth		In	Tape measure
	Flow width	____' ____"	Ft, In	Tape measure
	Measured length	____' ____"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☐Yes ☐No *(If No, Skip to Section 5)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐Clear ☐ Brown ☐ Gray ☐ Yellow ☐Green ☐ Orange ☐Red ☐Other:	☐ 1 – Faint colors in sample bottle	☐ 2 – Clearly visible in sample bottle	☐ 3 – Clearly visible in outfall flow
Turbidity	☐	See severity	☐ 1 – Slight cloudiness	☐2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ Sewage (Toilet Paper, etc.) ☐Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☐ Yes ☐ No *(If No, Skip to Section 6)*

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐Oily ☐ Flow Line ☐Paint ☐ Other:	
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐	☐ Odors ☐ Colors ☐Floatables ☐ Oil Sheen ☐Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Section 6: Overall Outfall Characterization

☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1.	Sample for the lab?	☐ Yes	☐No
2.	If yes, collected from:	☐ Flow	☐ Pool
3.	Intermittent flow trap set?	☐ Yes ☐ No	If Yes, type: ☐OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Appendix D

Illicit Discharge Detection & Elimination

Investigated IDDE & Details

April 1, 2023, through March 31, 2024

2023-2024 Illicit Discharge Detection & Elimination

Date	Location	Observation	Contaminant	Samples Y/N	Corrective Measures Taken	Date
4/12/2023	PMC at Wellness Kitchen, Thach, Tennis Ct., & Raptor Ctr.	AWW Monthly	e-coli	Y	high concentrations	on-going
5/9/23	PMC at AG Heritage Park, Farmhouse, DEP, & Tennis Ct.	AWW Monthly	e-coli	Y	high concentrations	on-going
6/2/2023	Foy Union Parking	contractor servicing grease trap spilled contents onto pavement	grease	N	Facilities Management applied absorbent to immediate area and then pressure washed to storm.	6/2/2023
6/13/2023	multiple PMC sites	AWW Monthly	e-coli	Y	Heavy rains preceded sampling event however, RMS/AWW continued monitoring and source ID efforts initiated.	on-going
7/7/2023	PMC at Farmhouse, Thach,& DEP	AWW Monthly	e-coli	Y	Investigating upstream to locate source(s)	on-going
8/10/2023	PMC at Longleaf, Wellness Kitvhen, Farmhouse, Thach, DEP, Tennis Ct.,Raptor Ctr, Shug	AWW Monthly	e-coli	Y	high concentrations	on-going
8/23/2023	Duncan Hall near Roosevelt Concourse	suspect ground seepage	sewage?	N	grassed area along Roosevelt Concourse relained wet for an extended period. Facilities Management and began investigating possible sanitary issue.	on-going
9/1/2023	Stem/AG Building Site	sediment loss following rain event	sedmient	N	Site personel were informed to and measures to strengthen BMPs following rain	9/4/2023
9/19/2023	PMC at Wellness Kitchen, VCOM Pond	AWW Monthly	e-coli	Y	high concentrations	on-going
10/11/2023	Arboretum, AG Heritage Park, Wellness Kitchen, Thach and Tennic Cts	AWW Monthly	e-coli	Y	high concentrations	on-going
11/7/2023	AG Heritage Park, PMC at Wellness Kitchen	AWW Monthly	e-coli	Y	high concentrations	on-going
12/5/2023	PMC at Wellness Kitchen,Coliseum & Thach	AWW Monthly	e-coli	Y	high concentrations	on-going
12/6/2023		Generator at CVM Hot Water Plant	diesel	N	Facilities Management reported a small leak from generator tank. Repair was initiated upon discovery	12/6/2023
1/8/2024	Wellness Kitchen	AWW Monthly	e-coli	Y	high concentrations	on-going

Date	Location	Observation	Contaminant	Samples Y/N	Corrective Measures Taken	Date
1/9/2024	Duncan Drive College of Education	Following significant rain event, sediment loss was identified in unnammed trib of PMC	sediment	N	Per NPDES requirement, Site personnel were instructed to repair controls after rain event.	1/12/2024
1/9/2024	Library Parking deck entrance Roosevelt Dr.	water line project in area caused a collapse and sediment loss to storm	sediment	N	Facilities Management were instructed to filter dewatering effort necessary for repair	1/9/2024
2/7/2024	Raptor Center	AWW Monthly	e-coli	Y	high concentrations	on-going
3/8/22024	PO Davis and Mell	track out from Sem/AG site	sediment	N	Site personnel were instructed to address immediately with street sweeps and other means.	3/8/2024
3/13/2024	District Energy (P4-32)	AWW Monthly	e-coli	Y	high concentrations	on-going
3/14/2024	Mell St. near Comer	ground seepage during dry period	~groundwater or process water	N	Facilities identified surficial release, secured affected area and will isolate and repair planned for 3/15. Investigation continues but confrmed not to be sanitary waste.	on-going

Appendix E

Construction Site Inventory & Details

April 1, 2023, through March 31, 2024

Appendix E
Construction Site Details for permit year:
April 1, 2023 to March 31, 2024

Project #	Project Name	Permit #	# of Disturbed Acres	Design Lead	Const. Lead	AD of Construction	Architect	Civil Engineer	General Contractor	Civil Contractor	# of Inspections Performed by Contractor	# of Inspections Performed by Auburn University	# of Non-compliant notices	# of Site Runoff Complaints	Status of ADEM Permit (Open/Closed)	Sub Comp (Blue - Actual / Orange - Est.)	Notes
22-435	ADAI (AL Dept of Ag & Industries) - New Lab Building	ALR10C2YC	2.83	N/A	Josh Conradson	Josh Conradson	BDW	LARRY E. SPEAKS & ASSOCIATES, INC.	Whatley Construction	Harmon	19	0	0	0	Open	3/15/2024	Project is not contracted by AU, but is on leased property.
20-351	Hill Residence Halls - Demolitions	ALR10C2C8	10.59	Contina McCall	Kelly O'Neal-Young	Josh Conradson	LBYD	LBYD	Southeastern Demolition	Quality Dirtworks	3	4	0	0	Open	7/6/2023	Phase 1, 3, and 4 permitted by COE on 4/28/23, Phase 2 permitted by S&A on 7/6/23. Mike has copies of early contractor inspections
18-538	College of Education Building - New Facility	ALR10C35B	7	Contina McCall	Wade Kennedy	Andrew Spurlin	SNA	LBYD	Rabren	Hudmon	14	5	0	0	Open	12/24/2024	
21-514	Parkerson Mill Greenway - Phase 3	ALR10C522	1.86	Nikki Preston	Nick Blair	Andrew Spurlin	Kadre Engineering	Kadre Engineering	ACAI, Inc	ACAI, Inc	0	1	0	0	Open	7/15/2024	Land Disturbance Authorization form completed on 3/12/24
22-420	Early Learning Center, Marriage & Family Therapy Ctr & CHEER - Building Demolitions	ALR10C42X	1.6	Chris Murphy	George Reese	Andrew Spurlin	Foresite	Foresite	Webb Construction	AGX	3	2	0	0	Open	9/23/2023	Land Disturbance Authorization form completed on 6/30/23. Foresite also performed weekly erosion control inspections on behalf of project team
20-378	STEM & Agriculture Sciences Complex	ALR10C46S	6	Mary Melissa Taddeo	Josh Conradson	Josh Conradson	GMC	LBYD	Hoar	Elevation Development	12	6	0	1	Open	3/21/2026	Auburn University permitted the site in August 2023 prior to Hoar Construction taking over the site.

Off Campus Locations

Project #	Project Name			Design Lead	Const. Lead		Architect	Civil Engineer	General Contractor	Civil Contractor	# of Inspections	# of Inspections Performed by Auburn University	# of Non-compliant notices	# of Site Runoff Complaints	Status of ADEM Permit (Open/Closed)	Sub Comp	Notes
22-193	Alabama Cooperative Extension System Graham Farm & Nature Center Pavilion	ALR10C3SN	2.66	Ben Burmester	Nick Blair	Andrew Spurlin	Chapman Sisson	Johnson and Associates	P&C Construction	Gulley Construction LLC	8	0	0	0	Closed	1/3/2024	
22-071	Airport Runway Safety Area Extension	ALR10C49D	20.43	Matt Wagner	Matt Wagner	Andrew Spurlin	Barge	Barge	D&J	D&J	13	1	2	0	Open	5/2/2024	
22-402	Auburn University Regional Airport Corporate Hangar at South Ramp	ALR10C3U2	2.11	Travis Davis	Nick Blair	Andrew Spurlin	Barge	Barge	Gamble Winter	Hudmon	8	2	0	0	Open	3/30/2024	Project was on hold and stabilized for 5 months in 2023
21-108	North Auburn Equine Research Facility - Addition	ALR10C4NL	1.03	Phil Johnson	Nikki Washington	Josh Conradson	Poole	LBYD	Whatley Construction	Rabren Excavation	7	3	0	0	Open	10/27/2024	

Appendix F

Post Construction Green Infrastructure BMP Inventory & Inspection

April 1, 2023, through March 31, 2024

ID	Type	Description	Northing	Easting	PM Inspections	MS4 Inspection
BB-01	Bioretention Basin	West Campus Basin 1	758225.419	765956.388	20	1
BB-02	Bioretention Basin	West Campus Basin 2	758376.003	765958.313	20	1
BB-03	Bioretention Basin	West Campus Basin 3	758517.978	765955.846	20	1
BB-04	Bioretention Basin	West Campus Basin 4	758228.842	765747.198	20	1
BB-05	Bioretention Basin	West Campus Basin 5	758381.564	765755.314	20	1
BB-06	Bioretention Basin	West Campus Basin 6	758529.441	765736.857	20	1
BB-07	Bioretention Basin	West Campus Basin 7	758238.465	765327.734	20	1
BB-08	Bioretention Basin	West Campus Basin 8	758535.185	765377.05	20	1
BB-09	Bioretention Basin	West Campus Basin 9	758722.087	765190.263	20	1
BB-10	Bioretention Basin	Pharmacy Research Basin 1	761430.634	761020.487	20	1
BB-11	Bioretention Basin	Pharmacy Research Basin 2	761569.458	761003.542	20	1
BB-12	Bioretention Basin	Nursing Basin 1	761516.602	761229.13	20	1
BB-13	Bioretention Basin	Nursing Basin 2	761729.258	761170.238	20	1
BB-14	Bioretention Basin	Nursing Basin 3	761727.261	761080.608	20	1
BB-15	Bioretention Basin	ASEL Basin 1	756581.31	764471.00	20	1
BB-16	Bioretention Basin	ASEL Basin 2	753348.15	764569.33	20	1
BB-17	Bioretention Basin	ASEL Basin 3	756580.54	764695.46	20	1
BB-18	Bioretention Basin	ASEL Basin 4	757134.44	764537.44	20	1
BRC-01	Bioretention Cell	Foy Hall Bioretention Cell	763407.054	765682.977	20	1
BRC-02	Bioretention Cell	Campus Safety Bioretention Cell	761066.411	766090.049	20	1
BRC-03	Bioretention Cell	CASIC Biorentention Cell	761055.331	758997.308	20	1
BRC-04	Bioretention Cell	Corley Bioretention Cell 1	763663.773	764042.59	20	1
BRC-05	Bioretention Cell	Corley Bioretention Cell 2	763622.125	763959.864	20	1
BRC-06	Bioretention Cell	Mell Bioretenion Cell 1	763790.009	765433.314	20	1
BRC-07	Bioretention Cell	Mell Bioretention Cell 2	763789.971	765283.68	20	1
BRC-08	Bioretention Cell	Mell Bioretention Cell 3	763790.137	765086.417	20	1
BRC-09	Bioretention Cell	Horton Hardgrave Bioretention Cell	761835.117	765912.691	20	1
BRC-10	Bioretention Cell	West Campus Bioretention Cell 1	758024.941	765700.549	10	1
BRC-11	Bioretention Cell	West Campus Bioretention Cell 2	758036.911	765234.281	10	1
BRC-12	Bioretention Cell	SportsPlex Bioretention Cell	759862.77	761349.2	20	1
BRM-01	Berm	Arboretum Berm 1	763882.906	762201.25	12	1
BRM-02	Berm	Arboretum Berm 2	764243.147	762607.741	12	1
BRM-03	Berm	Arboretum Berm 3	764042.345	762607.442	12	1
BRM-04	Outlet Berm	Woodfield Drive Berm 1	761589.811	759935.15	12	1
BRM-05	Outlet Berm	Woodfield Drive Berm 2	761156.332	759871.907	12	1
BRM-06	Outlet Berm	Woodfield Drive Berm 3	760609.706	760131.388	12	1
CI-01	Cistern	Dudley Hall Cistern	763242.478	763743.599	26	1
CI-02	Cistern	Arboretum Cistern 1	763825.449	762159.585	26	1
CI-03	Cistern	Arboretum Cistern 2	764116.722	762653.166	26	1
CI-04	Cistern	ACLC Cistern 1	762843.743	764167.2	0	1
CI-05	Cistern	Football Performance Cistern 1	760356.366	763460.366	0	1
DDET-01	Dry Detention Basin	VCOM Pond	760575.328	760287.361	26	1
DDET-02	Dry Detention Basin	West Campus Pond	759043.656	764976.252	20	1
DDET-03	Dry Detention Basin	Medical Clinic Pond	762266.136	761383.546	20	1
DDET-04	Dry Detention Basin	Facilities Pond	758241.439	763286.672	50	1
DDET-05	Dry Detention Basin	District Energy Pond	759762.452	765460.951	20	1
DDET-06	Dry Detention Basin	Theta Chi Pond	758965.981	762250.575	0	1
DDET-07	Dry Detention Basin	Delta Tau Delta Pond	759107.307	762263.753	0	1
DDET-08	Dry Detention Basin	Health Sciences Sector Pond	761256.191	760834.644	10	1
DDET-09	Dry Detention Basin	Risk Management Pond	758014.508	762998.407	20	1
DDET-10	Dry Detention Basin	SportsPlex Pond	759600.49	760600.15		1

DDET-11	Dry Detention Basin	ARTF Building 5 Pond	761046.13	759557.86	20	1
DDET-12	Dry Detention Basin	ARTF Building 6 Pond	758363.7	758244.42	20	1
DDET-13	Dry Detention Basin	Tennis Courts Pond	759588.344	765408.291	20	1
DDET-14	Dry Detention Basin	Chilled Water Plant	760640.976	761560.459	20	1
DDET-15	Dry Detention Basin	Transformation Garden	763215.938	760945.045	0	1
GS-01	Grassed Swale	Ag Heritage Park Swale	761629.387	762567.204	20	1
GS-02	Grassed Swale	Medical Clinic Swale	762390.435	761711.035	24	1
GS-03	Grassed Swale	VCOM Swale 1	760757.545	760229.729	26	1
GS-04	Grassed Swale	VCOM Swale 2	760827.756	760138.269	26	1
GS-05	Grassed Swale	VCOM Swale 3	761002.268	760082.434	26	1
GS-06	Grassed Swale	ARTF MRI Swale 1	760412.176	758902.844	20	1
GS-07	Grassed Swale	Lem Morrison Swale	762148.543	761268.924	20	1
GS-08	Grassed Swale	Arboretum Swale	764187.037	762438.012		1
GS-09	Grassed Swale	CASIC Swale	760781.495	758817.433	20	1
GS-10	Grassed Swale	Research Park Swale	760420.934	758571.334	20	1
GR-01	Green Roof	Rec and Wellness Green Roof 1	761331.297	764472.702		1
GR-02	Green Roof	Rec and Wellness Green Roof 2	760861.839	764507.581		1
GR-03	Green Roof	Nursing Green Roof	761066.4107	766090.0492	15	1
GR-04	Green Roof	Brown Kopel Green Roof	763237.807	766187.963	26	1
GR-05	Green Roof	Rane Culinary Science Center	764579.078	765517.924		1
PA-01	Porous Asphalt	VCOM Pond Path Paving	760551.855	760217.067	20	1
PP-01	Permeable Pavers	Samford Park Pavers	764362.438	766341.376	50	1
PP-02	Permeable Pavers	Foy Hall Pavers	763596.195	765666.497	20	1
PP-03	Permeable Pavers	CASIC Pavers	760878.493	758911.607	20	1
PP-04	Permeable Pavers	Garden of Memory Pavers	763724.679	763100.491	20	1
PP-05	Permeable Pavers	Upper Quad Pavers	763490.318	765221.041	26	1
PP-06	Permeable Pavers	Mell Concourse Pavers	763790.097	765180.741	26	1
PP-07	Permeable Pavers	Harbert Recruiting Pavers	761812.016	764587.966	26	1
PP-08	Permeable Pavers	South College Street Parking Deck	764485.587	764822.946	26	1
PP-09	Permeable Pavers	Rane Culinary Science Center	764484.152	765530.983		1
PP-10	**Permeable Pavers**	**Heisman Dr. Transit Hub**	**762579.466**	**764622.833**		1
PC-01	Pervious Concrete	Arboretum Sidewalk 1	764345.564	762557.87	26	1
PC-02	Pervious Concrete	Arboretum Sidewalk 2	760293.139	765729.32	26	1
PC-03	Pervious Concrete	Arboretum Sidewalk 3	764101.068	762450.098	26	1
PC-04	Pervious Concrete	Arboretum Sidewalk 4	764139.101	762311.241	26	1
PC-05	Pervious Concrete	Arboretum Sidewalk 5	763884.964	762418.462	26	1
PC-06	Pervious Concrete	Arboretum Sidewalk 6	764157.322	762296.021	26	1
RB-01	Rain Barrel	Arboretum Rain Barrel	763863.384	762143.701	26	1
RB-02	Rain Barrel	Dudley Rain Barrel	763242.478	763743.6	12	1
RG-01	Rain Garden	Gorrie Rain Garden 1	763564.53	763583.842	20	1
RG-02	Rain Garden	Gorrie Rain Garden 2	763512.559	763748.121	20	1
RG-03	Rain Garden	Plant Sciences Rain Garden 1	762252.404	759917.278	20	1
RG-04	Rain Garden	Plant Sciences Rain Garden 2	762211.743	759918.238	18	1
RG-05	Rain Garden	Dudley Rain Garden	763242.478	763743.599	12	1
RG-06	Rain Garden	Turfgrass Rain Garden	758786.644	756180.294		1
RG-07	Rain Garden	Arboretum Rain Garden	764321.374	762515.223	26	1
RG-08	Rain Garden	Arboretum Rain Garden	764142.166	762315.617	26	1
RG-09	Rain Garden	Arboretum Rain Garden	763760.969	762192.845	26	1
RG-10	Rain Garden	Arboretum Rain Garden	763969.332	762611.932	26	1
RG-11	Rain Garden	Arboretum Rain Garden	763780.984	762194.366	26	1
RG-12	Rain Garden	Arboretum Rain Garden	763801.71	762166.783	26	1
RG-13	Rain Garden	Arboretum Rain Garden	763850.045	762078.895	26	1

RG-14	Rain Garden	Chilled Water Plant Rain Garden 1	760833.952	761472.669	0	1
RG-15	Rain Garden	Chilled Water Plant Rain Garden 2	760897.747	761587.586	0	1
RG-16	Rain Garden	Football Performance Rain Garden 1	760350.041	763406.659	0	1
RG-17	Rain Garden	Football Performance Rain Garden 2	760593.999	763741.15	0	1
SB-01	Sediment Basin	Petrie Subsurface Sediment Basin	762337.303	765368.054	0	1
UD-01	Underground Detention	Lowder Underground Detention	762322.269	766015.625	0	1
UD-02	Underground Detention	Shelby Underground Detention	763024.758	766285.682	0	1
UD-03	Underground Detention	Indoor Practice Underground Detention	760649.251	763280.439	0	1
UD-04	Underground Detention	President's Underground Detention	764157.322	762296.021	0	1
UD-05	Underground Detention	Football Performance Underground Detention 1	760192.882	763454.693	0	1
UD-06	Underground Detention	Football Performance Underground Detention 2	760541.629	763717.873	0	1
UD-07	Underground Detention	ACLC Underground Detention	762618.134	764019.738	0	1
WDET-01	Wet Detention Basin	Gogue Performing Arts Center Pond	763013.75	759497.73	20	1
WDET-02	Wet Detention Basin	Campus Recreation SportsPlex	759778.94	760914.97	20	1

Appendix G

Municipal Facility SOP, Inventory & Inspection Records

April 1, 2023 through March 31, 2024

Municipal Facility Inventory Date: May 2024

Facilities Management	**Athletics**
Auto/Small Engine Shop	Plainsman Park
Fleet Fueling Station	Jordan Hare Stadium
Materials Management	Soccer Complex
Landscape Services	Jane B. Moore Softball Complex
Yard	Hutsell Rosen Track
Chilled Water Plant I	Auburn Arena
Chilled Water Plant II	Watson Field House
Chilled Water Plant III	Football Performance Facility
District Energy Plant	
Hot Water Plant I	**Risk Management & Safety**
Hot Water Plant II	Environmental Health & Safety I
Satellite Steam Plant	Environmental Health & Safety II
44 kV Substation	Environmental Health & Safety III
115 kV Substation	Pathological Waste Incinerator
Student Affairs	
Foy Dining (CD)	
Village Dining (CD)	
Student Center (CD)	
Terrell Hall Dining (CD)	
Edge Dining (CD)	
Wellness Kitchen (CD)	
SportsPlex (CR)	
Intramural Field House/Equipment Pole Barn (CR)	
Fraternity Houses (GL)	

CD: Campus Dining

CR: Campus Recreation

GL: Greek Life

Auburn University Risk Management and Safety **Standard Operating Procedure**	*Effective Date:*		*SOP Number:*
	Supersedes NA	*Superseded:* NA	*Page:* **1 of 1**
Subject: **MS4 Municipal Facility Inspection**	*Approval:* Risk Management and Safety		

I. PURPOSE

This document provides standard operating procedures (SOP) for performing municipal facility inspections in accordance General NPDES Permit No. ALR040030 Part III.5.a.iii.

II. OBJECTIVE

The purpose of the procedure is to prevent or minimize to the maximum extent practicable (MEP) pollutants from being discharged from these "municipal facility" locations/operations into Auburn University's MS4.

III. SCOPE

RMS will perform Inspections at these facilities annually with reinforcement provided through annual training and/or consultation. Regular inspections will assess the impacts of AU operations at these facilities that may include but not be limited to:

Equipment Washing	Stret Sweeping	Road Maintenance	Waste Management
Vegetation Control	Fleet Maintenance	External Building Maintenance	Material Storage

Should stormwater concerns be identified during the inspection, measures will be taken in cooperation with RMS and the responsible group as soon as possible.

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Hutsell Rosen Track			
Facility POC: Eric Kleypass	Phone Number: 3347401267		
Date of Inspection: 24JAN24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐	☐
11. Does the facility have any apparent IDDEs?		☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐	☒
Environmental Training				
14. Has the Facility POC received Stormwater training?		☐	☐	☒

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Jane B Moore Softball Complex			
Facility POC: Eric Kleypass	Phone Number: 3347401267		
Date of Inspection: 24JAN16	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☒

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Jordan-Hare Stadium			
Facility POC: Eric Kleypass	Phone Number: 3347401267		
Date of Inspection: 3/27/24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☐	☒ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☐	☒ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☒ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☒ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☒

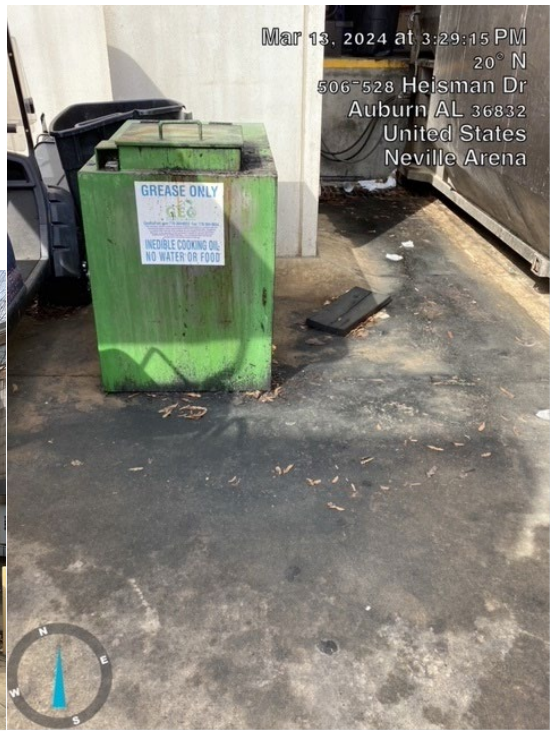
Comments (attach any necessary photos):
  There were several issues with SPCC and RCRA that need addressing. SPCC: Used Oil Drums full and labeled but not closed. Funnels sitting in both. Use Oil needs to be removed and containers replaced with empty drums. Inherently waste-like containers found without labeling. Area needs to be policed of any container that meet this potential requirement. Contact AURMS for removal-disposal once remedied.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Nevell Arena			
Facility POC: Eric Kleypass	Phone Number: 3347401267		
Date of Inspection: 12MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☐	☐ / ☒
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐ / ☒
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☒

Auburn University Municipal Facility Inspection Form

Comments (attach any necessary photos):
   

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Plainsman Park			
Facility POC: Eric Kleypass	Phone Number: 3347401267		
Date of Inspection: 19DEC23	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐	☐
11. Does the facility have any apparent IDDEs?		☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐	☒
Environmental Training				
14. Has the Facility POC received Stormwater training?		☐	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Soccer Complex			
Facility POC: Eric Kleypass	Phone Number: 3347401267		
Date of Inspection: 16JAN24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐	☐
11. Does the facility have any apparent IDDEs?		☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐	☐
Environmental Training				
14. Has the Facility POC received Stormwater training?		☐	☐	☒

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Watson Field House			
Facility POC: Eric Kleypass	Phone Number: 3347401267		
Date of Inspection: 06MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐ / ☒
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Football Complex			
Facility POC: Eric Kleypass	Phone Number: 3347401267		
Date of Inspection: 16JAN24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☒

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* AU Hotel Conference Center			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 3/28/24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Campus Dining Facility			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 3/27/24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Foy Dining			
Facility POC:	Phone Number: 334-740-1267		
Date of Inspection: 12/16/23	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Hey Day-Rayne Dining			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 3/28/24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Terrell Dining Hall			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 12/16/23	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* The Edge			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 24FEB24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

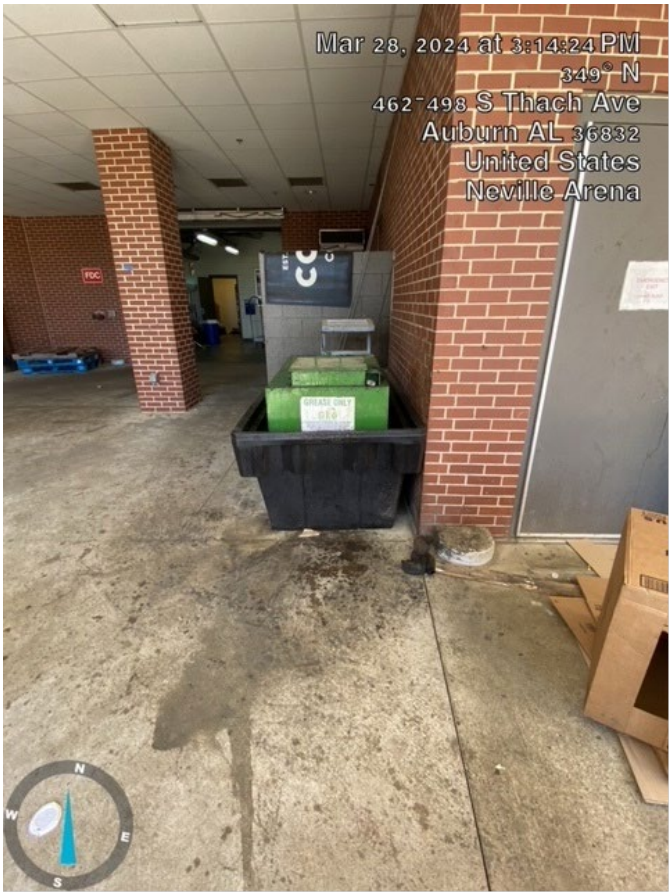
Comments (attach any necessary photos):
   

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Village Dining			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 3/28/24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):



***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Wellness Kitchen			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 12/16/23	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):


***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Campus Recreation Facility			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 05JAN24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☐	☒
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☐	☐ / ☒
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☐	☐ / ☒
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☐	☐ / ☒
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☐	☐ / ☒
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐ / ☒
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Intramural Field House			
Facility POC:	Phone Number:		
Date of Inspection: 05JAN24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Sportsplex			
Facility POC:	Phone Number:		
Date of Inspection: 05JAN24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐ / ☒
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☒

Comments (attach any necessary photos):
      

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* 44 KV Generator			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 17DEC23	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐	☐
11. Does the facility have any apparent IDDEs?		☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐	☒
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐	☒
Environmental Training				
14. Has the Facility POC received Stormwater training?		☒	☐	☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* 115 KV Generator			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 17DEC23	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐ / ☒
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Chilled Water Plant I			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 06MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Chilled Water Plant II			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 06MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Chilled Water Plant III (Vet School)			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 06MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* District Energy Plant			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 04MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
SPCC and Stormwater Training provide through HSI online.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Fleet Refueling Station			
Facility POC: Mark Carroll	Phone Number: 3347401267		
Date of Inspection: 03MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☐	☐ / ☒
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☐	☐ / ☒
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐ / ☒
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
Stormwater Training Provided online by HIS.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

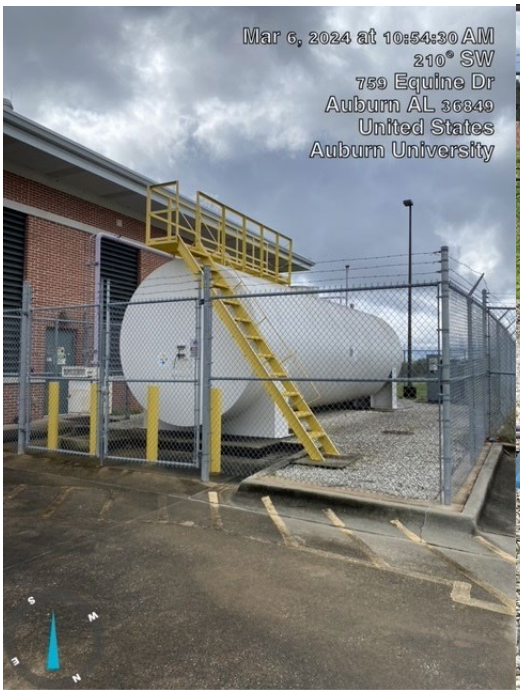
Facility Information			
Facility Name*:* Hot Water Plant I			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 06MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
Training provide by HSI (online)

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Hot Water Plant II (Vet School)			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 06MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐	☐
11. Does the facility have any apparent IDDEs?		☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐	☒
Environmental Training				
14. Has the Facility POC received Stormwater training?		☒	☐	☐

Comments (attach any necessary photos):
 

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Landscape Services			
Facility POC: Ray Willett	Phone Number: 3347401267		
Date of Inspection: 03MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☒ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

Spoke with Ray Willet about the need for labelling potential Haz-Waste and an SAA sign.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Materials Management			
Facility POC: Martin Arwood	Phone Number: 3347401267		
Date of Inspection: 03MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
HSI Provides Online Training for Stormwater and SPCC through Facilities Training.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Satellite Steam Plant			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 06MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☒
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):
Training provided online by HSI.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name: Auto/Small Engine Shop			
Facility POC: Mark Carroll	Phone Number:		
Date of Inspection: 03MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☐	☐
2. Are designated waste receptacles properly used?		☐	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☐	☐
4. Are BMPs in good working order?		☐	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☐	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☐	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☐	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☐	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☐	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☐	☐ / ☐
11. Does the facility have any apparent IDDEs?		☐	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☐	☐ / ☐

Comments (attach any necessary photos):
Stormwater and SPCC Training provided Online by HSI

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Laydown Yard (Back 40)			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 03MAR24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☐	☒
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐ / ☐
11. Does the facility have any apparent IDDEs?		☒	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

Minor Litter Policing of the laydown yard needed in areas near the large Pole Barn where mechanical and plumbing keep their large equipment and near the portable generators.

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Fraternity Houses (ALL See Notes)			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 3/17/24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☐	☒
2. Are designated waste receptacles properly used?		☐	☒
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☐	☐	☒
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐	☐
11. Does the facility have any apparent IDDEs?		☐	☐	☒
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☐	☐	☒
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐	☒
Environmental Training				
14. Has the Facility POC received Stormwater training?		☐	☐	☒

Comments (attach any necessary photos):
Litter issues around OR behind the following fraternities at the time of inspection: Theta Chi, Delta Sigma Phi, Delta Tau Delta, Beta Theta Pi Activities Building, Alpha Tau Delta, Sigma Nu, Sigma Chi Activities Building, Farmhouse, Phi Kappa Tau, Tau Kappa Epsilon and Pi Kappa Alpha. MSF

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Environmental Health and Safety I			
Facility POC: Tom Hodges	Phone Number: 334-703-7511		
Date of Inspection: 10/25/2023	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☐	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☐	☒ / ☐
11. Does the facility have any apparent IDDEs?		☐	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Environmental Health and Safety II			
Facility POC: Tom Hodges	Phone Number: 334-703-7511		
Date of Inspection: 10/25/2023	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☐	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☐	☒ / ☐
11. Does the facility have any apparent IDDEs?		☐	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Environmental Health and Safety III			
Facility POC: Tom Hodges	Phone Number: 334-703-7511		
Date of Inspection: 10/25/2023	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☐	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☐	☒ / ☐
11. Does the facility have any apparent IDDEs?		☐	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Pathological Waste Incinerator			
Facility POC: Steven Nolen	Phone Number: 334-703-3859		
Date of Inspection:	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☐	☒
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☐	☐
Pollution Prevention		C	NC / N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐ / ☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐ / ☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐ / ☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐ / ☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☐	☒ / ☐
11. Does the facility have any apparent IDDEs?		☐	☐ / ☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐ / ☐
13. Are hazardous materials/waste storage areas properly labeled?		☒	☐ / ☐
Environmental Training			
14. Has the Facility POC received Stormwater training?		☒	☐ / ☐

Comments (attach any necessary photos):

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Auburn University Municipal Facility Inspection Form

Facility Information			
Facility Name*:* Student Center			
Facility POC:	Phone Number: 3347401267		
Date of Inspection: 3-19-24	Inspectors: Mike Freeman		
Site Evaluation		Yes	No
Does facility have potential pollutants or processes exposed to rain?		☒	☐
Inspection Checklist			
Good Housekeeping			
Inspection Item		C	NC
1. Site is free from litter and debris?		☒	☐
2. Are designated waste receptacles properly used?		☒	☐
3. Are spills immediately cleaned up to the extent that only stains remain?		☒	☐
4. Are BMPs in good working order?		☒	☐
5. Storm drainage system and outfalls are inspected and free of debris and spills?		☒	☐
Pollution Prevention		C	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		☒	☐	☐
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		☒	☐	☐
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		☒	☐	☐
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		☒	☐	☐
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		☒	☐	☐
11. Does the facility have any apparent IDDEs?		☒	☐	☐
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		☒	☐	☐
13. Are hazardous materials/waste storage areas properly labeled?		☐	☐	☒
Environmental Training				
14. Has the Facility POC received Stormwater training?		☐	☐	☐

Auburn University Municipal Facility Inspection Form

Comments (attach any necessary photos):
   

***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Appendix H

Water Monitoring Data

April 1, 2023, through March 31, 2024

Parkerson Mill Creek Water Quality Monitoring
April 1, 2023 through March 31, 2024

AWW Site Code	7021002 (T07-14)		AWW Site Code	7016027		AWW Site Code	7021007
Location Description	Wellness Kitchen		Location Description	PMC @ Longleaf Dr.		Location Description	AG Heritage Pond Influent
Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)
12-Apr-23	333		12-Apr-23	133		12-Apr-23	1100
9-May-23	333		9-May-23	333		9-May-23	967
13-Jun-23	3167		13-Jun-23	100		13-Jun-23	19600
7-Jul-23	300		7-Jul-23	167		7-Jul-23	200
10-Aug-23	7067		10-Aug-23	700		10-Aug-23	500
19-Sep-23	1500		19-Sep-23	133		19-Sep-23	33
11-Oct-23	900		11-Oct-23	217		11-Oct-23	733
7-Nov-23	667		7-Nov-23	317		7-Nov-23	1933
5-Dec-23	867		5-Dec-23	67		5-Dec-23	467
8-Jan-24	3250		8-Jan-24	150		8-Jan-24	1467
7-Feb-24	1367		7-Feb-24	200		7-Feb-24	100
13-Mar-24	1833		13-Mar-24	167		13-Mar-24	167
AWW Site Code	7011036 (S07-13)		AWW Site Code	7016013		AWW Site Code	7005011
Location Description	Biggio Drive near Coliseum		Location Description	Arboretum (Town Creek)		Location Description	Raptor Center
Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)
12-Apr-23	333		12-Apr-23	33		12-Apr-23	633
9-May-23	133		9-May-23	67		9-May-23	33
13-Jun-23	11733		13-Jun-23	33		13-Jun-23	1533
7-Jul-23	300		7-Jul-23	0		7-Jul-23	533
10-Aug-23	533		10-Aug-23	100		10-Aug-23	1800
19-Sep-23	300		19-Sep-23	100		19-Sep-23	33
11-Oct-23	200		11-Oct-23	6583		11-Oct-23	150
7-Nov-23	317		7-Nov-23	17		7-Nov-23	67
5-Dec-23	983		5-Dec-23	183		5-Dec-23	17
8-Jan-24	133		8-Jan-24	50		8-Jan-24	0
7-Feb-24	33		7-Feb-24	0		7-Feb-24	7867
13-Mar-24	133		13-Mar-24	33		13-Mar-24	2433
AWW Site Code	7014007 (P4-30)		AWW Site Code	7014006		AWW Site Code	07005012 (P4-37)
Location Description	Farm House		Location Description	Hemlock		Location Description	Thach Ave InFlow
Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)
12-Apr-23	167		12-Apr-23	67		12-Apr-23	633
9-May-23	6733		9-May-23	100		9-May-23	1767
13-Jun-23	4267		13-Jun-23	267		13-Jun-23	5467
7-Jul-23	7000		7-Jul-23	167		7-Jul-23	1167
10-Aug-23	933		10-Aug-23	200		10-Aug-23	3033
19-Sep-23	33		19-Sep-23	33		19-Sep-23	233
11-Oct-23	417		11-Oct-23	183		11-Oct-23	1350
7-Nov-23	17		7-Nov-23	67		7-Nov-23	483
5-Dec-23	17		5-Dec-23	167		5-Dec-23	2550
8-Jan-24	67		8-Jan-24	0		8-Jan-24	167

7-Feb-24	0		7-Feb-24	233		7-Feb-24	33
13-Mar-24	0		13-Mar-24	0		13-Mar-24	67
AWW Site Code	07014005 (N04-09)		AWW Site Code	7005004		AWW Site Code	07014002 (P4-32)
Location Description	Tennis Courts		Location Description	VCOM Pond		Location Description	DEP
Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)		Sample Date	Result (cfu/100mL)
12-Apr-23	4000		12-Apr-23	267		12-Apr-23	433
9-May-23	1433		9-May-23	0		9-May-23	200
13-Jun-23	3100		13-Jun-23	2033		13-Jun-23	8667
7-Jul-23	467		7-Jul-23	100		7-Jul-23	833
10-Aug-23	11333		10-Aug-23	67		10-Aug-23	2400
19-Sep-23	333		19-Sep-23	733		19-Sep-23	133
11-Oct-23	417		11-Oct-23	67		11-Oct-23	3150
7-Nov-23	83		7-Nov-23	33		7-Nov-23	517
5-Dec-23	167		5-Dec-23	200		5-Dec-23	400
8-Jan-24	167		8-Jan-24	83		8-Jan-24	700
7-Feb-24	133		7-Feb-24	100		7-Feb-24	433
13-Mar-24	300		13-Mar-24	67		13-Mar-24	5433
AWW Site Code	7018002						
Location Description	Shug Jordan Pkwy						
Sample Date	Result (cfu/100mL)						
12-Apr-23	233						
9-May-23	300						
13-Jun-23	1100						
7-Jul-23	433						
10-Aug-23	4100						
19-Sep-23	133						
11-Oct-23	100						
7-Nov-23	67						
5-Dec-23	133						
8-Jan-24	433						
7-Feb-24	267						
13-Mar-24	467						