

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

Prepared by

AUBURN UNIVERSITY

STORM WATER MANAGEMENT COMMITTEE

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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:

- 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.

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

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 <u>Sustainable Student Action Guide</u>, 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 <u>Sustainable Development Goals (SDGs)</u> 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.	Change in tidal creeks & fringing	27 th Biennial Conference,	30-40
Anderson, L. Kalin	marshes related to coastal watershed	Portland OR	
	development along the northern Gulf		
	of Mexico		
Bickley, S, C.J.	Change in tidal creeks & fringing	Society of Wetland	30-40
Anderson	marshes related to coastal watershed	Scientists 2023 Annual	
	development along the northern Gulf	Meeting, Spokane WA	
	of Mexico		
Bickley, S & C.J.	Tidal creek ecosystem structure and	Bays & Bayous 2023	30-40
Anderson	function changes associated with	Symposium, Mobile, AL	
	coastal watershed development		
Kalin, D. Lee	Hurricane activities in Gulf of Mexico	IUFRO Div 8 Conference	30-40
	lead to conversion of forested land:	Evora, Portugal	
	implications of water quantity/quality		
Haas, H., L. Kalin	Channel geometry in regional	World Environmental &	30-40
	watershed modeling; how much does	Water Resource	
	it matter?	Congress Henderson,	
		NV	
Haas, H. Amatya,	Modeling the hydrology of loblolly	Interagency Conference	30-40
L. Ning, G. Sun, L.	pine dominated watershed in South	on Research in the	
Kalin, D. Hamidi	Carolina: a multiple model	Watersheds, Corvalis,	
	comparison study	OR	

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

<u>CFWE Field trips, lectures and class activities involving stormwater management</u>

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

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 <u>Project Drawdown</u>, 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.











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 <u>Auburn Water Resource</u>

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

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

• 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:

- 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.
- 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:

 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:

		Stormwater Best Management Practices (BMPs)					
Project No.	Project Name	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.
- 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

AUBURN UNIVERSITY STORMWATER MANAGEMENT COMMITTEE

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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,

AU SWMPP May 2024

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

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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:

- 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
- 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.
- 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

- 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.
- 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

- 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.

- o 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. POLICYSTATEMENT

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.

M. 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

W. <u>DEFINITIONS</u>

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.

<u>Campus Master Plan Land Use Element</u>: 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.

VIL 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.

VIL 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

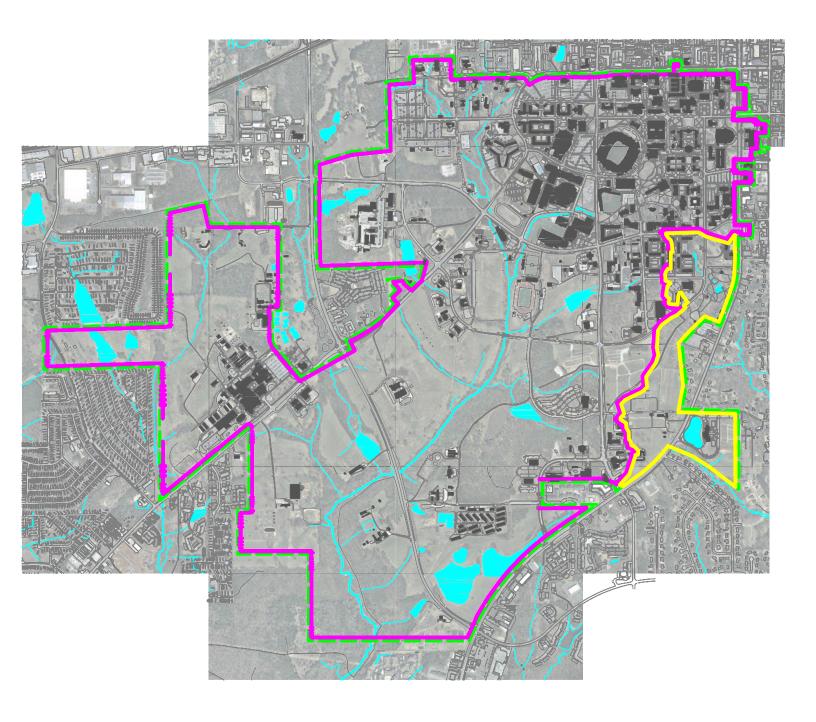
This policy applies to the Auburn University main campus. All other University Land is exempt.

X <u>INTERPRETATION</u>

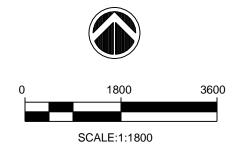
The Responsible Officer is authorized to interpret questions and issues regarding the requirements and applicability of this policy.

ADOPTED: June 15, 2016

APPENDIX1







LEGEND



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: Bac	kgrou	nd Data						
Subwatershed:	Park	eran M	11		Outfall ID: 5	w NO4-	09	
Today's date: /	2/	13/23			Time (Military):			
Investigators:	14.6	e free	nes		Form completed			
Temperature (°F)	52		Rainf	fall (in.): Last 24 hours:	Last 48 hou	ır 🕊		
Latitude: N3	203	6"11.73"	Longitude:	W 86° 29"52.7	GPS Unit:		GPS LMK	#:
Camera:		1000			Photo #s:			
Land Use in Drain	nage Ar	ea (Check all th	at apply):		—			
☐ Industrial					©pen Space			
Ultra-Urban R	Resident	ial			Institutional			
Suburban Resi	idential				Other:			
☐ Commercial					Known Industrie	es:		
Notes (e.g., origin	of outf	all, if known):						
0 11 0 0 11								
Section 2: Outf								
LOCATION	4	<u> </u>	RIAL		APE	DIMENSIO		SUBMERGED
		RCP		☐ Circular	Single	Diameter/Dimens		In Water:
}		□ PVC	☐ HDPE	☐ Eliptical	Double	72×9	4	Partially
Closed Pipe		☐ Steel		Box	☐ Triple			Fully
		Other:		Other:	☐ Other:			With Sediment:
								Partially ☐ Fully
		☐ Concrete						VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
		Earthen		☐ Trapezoid		Depth:		
Open drainage	;	☐ rip-rap		☐ Parabolic		Top Width:	_	
				☐ Other:		Bottom Width:		
		Other:						
☐ In-Stream			hen collecting s	samples)				
Flow Present?		Yes Yes	□ No	If No, Skip	to Section 5			
Flow Description (If present)		Trickle	Moderate	☐ Substantial	Yearly			
Section 3: Quan	ıtitativ	ve Characte	rization					
				FIELD DATA FOR FL	OWING OUTFALI	s		TAIL TELL
PA	RAME	TER .		RESULT		UNIT	EC	UIPMENT
□Flow#1		Volume				Liter		Bottle
LIFIOW#1		Time to fill				Sec		
		Flow depth				In	Ta	ape measure
□Flow #2		Flow width	,			Ft, In		ape measure
	М	leasured length	,	***		Ft, In		ape measure
	T	Time of travel				S		Stop watch
Te	mperati	ште -				°F		hermometer
	pН					pH Units		st strip/Probe
A	Ammoni	ia				mg/L.		Test strin

Outfall Reconnaissance Inventory Field Sheet

	Y INDEX (1-3)	ected 3 - Noticeable from a distance	sible in 3 – Clearly visible in outfall flow	3 - Opaque			COMMENTS							vious			
	RELATIVE SEVERITY INDEX (1-3)	2 - Easily detected	2 – Clearly visible in sample bottle	□2 – Cloudy	2 – Some; indications of origin (e.g., possible suds or oil sheen)		8							rf 3)			
	RE	1 – Faint	1 – Faint colors in sample bottle	D - Slight cloudiness	1 – Few/slight; origin not obvious	tion 6)								Suspect (one or more indicators with a severity of 3)			
(If No, Skip to Section 5)	DESCRIPTION	□ Rancid/sour □ Petroleum/gas □ Other:	Gray Yellow Grad Other:	See severity	□Suds □ Other:	ing Outfalls Yes 🔀 No (HNo, Skip to Section 6)	DESCRIPTION	Spalling, Cracking or Chipping 🔲 Peeling Paint Corrosion	Line Paint Other:	☐ Inhibited	☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Excessive Algae ☐ Other:	☐ Orange ☐ Green ☐ Other:				No No	☐ Pool
alls Only		Rancid/sour	☐ Brown ☐ Orange	Se	☐ Sewage (Toilet Paper, etc.) ☐ Petroleum (oil sheen)	and Non-Flowing present?		Spalling, Crac	Oily Flow Line	ssive	Odors OSuds	e		Potential (presence of two or more indicators)		☐ Yes	☐ Flow
Flowing Outfal		Sewage 🔲 Sulfide	□Clear □Green		Sewage	Both Flowing related to flow	CHECK if Present						terization	resence of two			
Indicators for	CHECK if Present					Indicators for rs that are not	CHECK						utfall Charac	Potential (p	ection		m:
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present?	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:

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

Caulk dam

If Yes, type: OBM

² □

Flow □ Yes

3. Intermittent flow trap set? 2. If yes, collected from:

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Ba	ckgrou	ınd Data							
Subwatershed:	ence	0			Outfa	all ID: 5 k	NO4-1	/	
Today's date:	12/	13/23			Time	(Military):			
Investigators:	N.	te free	mas			completed by	-	Freema	1
Temperature (°I		52		fall (in.): Last 24 hours:		Last 48 hours:	Ø		
Latitude: N3	2° 31	6 11.34	Longitude:	W85°29'50.92	GPS	Unit:		GPS LMK #	#:
Camera:					Photo	#s:			
Land Use in Dra	ainage A	rea (Check all the	at apply):						
☐ Industrial					10	pen Space			
Ultra-Urban	Resident	ial			∄ In	stitutional			
Suburban Re	esidential				Other				
Commercial					Know	n Industries:			
Notes (e.g., orig	in of out	fall, if known):	111						
Out	fall	1 0	Util	ty Barn		Exters	can / m		
Section 2: Out	tfall De	escription		./			109		
LOCATIO		MATE	RIAL	SHA	APE		DIMENSIO	NS (IN.)	SUBMERGED
		RCP	□СМР	Circular	Singl	e	Diameter/Dimen		In Water:
		□ PVC	☐ HDPE	☐ Eliptical	Doub	le	24		☑No ☐ Partially
Closed Pipe		☐ Steel		Box	 ☐ Triple				Fully
		Other:		Other:					With Sediment:
				Other.	Other				No Partially
		Concrete							☐ Fully
		☐ Earthen		☐ Trapezoid			Depth:		
Open drainag	e			☐ Parabolic			Top Width:	_	
		□ гір-гар		☐ Other:			Bottom Width:		
		Other:							
In-Stream		(applicable wh	-						
Flow Present?		☐ Yes	No	If No, Skip	to Section	n 5			
Flow Description (If present)		Trickle	☐ Moderate	☐ Substantial					
Section 3: Qua	ntitativ	ve Character	rization						
			22401011	FIELD DATA FOR FL	OWING	OUTFALLS			
P	ARAME	TER		RESULT			NIT	EO	UIPMENT
□Flow#1		Volume				L	iter		Bottle
		Time to fill					Sec		
		Flow depth					In	Ta	pe measure
□Flow #2		Flow width				F	t, In	Ta	pe measure
	М	easured length	^	"		F	, In	Ta	pe measure
		ime of travel					S	S	top watch
Т	emperate	ıre					°F	Th	ermometer
	pН					pН	Units	Test	t strip/Probe
	Ammoni	a				m	9/1	7	Cect otrin

Outfall Reconnaissance Inventory Field Sheet

	1-3)	3 – Noticeable from a distance	3 – Clearly visible in outfall flow	3 – Opaque	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)												
	RELATIVE SEVERITY INDEX (1-3)	2 – Easily detected	2 – Clearly visible in sample bottle	□2 - Cloudy	2 - Some; indications of origin (e.g., possible suds or oil sheen)		COMMENTS							of 3)			
	REL	🔲 1 – Faint	1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	☐ 1 – Few/slight, origin not obvious	tion 6)		nt			TK			Suspect (one or more indicators with a severity of 3)			
(If No, Skip to Section 5)	NO	leum/gas	☐ Yellow ☐Other:	Ą	;.	falls No (If No, Skip to Section 6)	DESCRIPTION	Chipping 🔲 Peeling Paint	Paint Other:	p	☐ Colors ☐Floatables ☐ Oil Sheen☐ Excessive Algae☐ Other:	☐ Green ☐ Other:		Suspect (one or more i			
Š.	DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	☐ Brown ☐ Gray ☐ Orange ☐ ☐ Cray	See severity	Sewage (Toilet Paper, etc.) Suds □ Petroleum (oil sheen) □ Other:	n-Flowing Out		Spalling, Cracking or Chipping Corrosion	Ooily Flow Line	☐ Excessive ☐ Inhibited	Odors Colors	☐ Brown ☐ Orange		more indicators)		es Pho	low Pool
Flowing Outfalls he flow?		Sewage Sulfide	Clear		Sewage (Toilet Paper,	Both Flowing an elated to flow pre	CHECK if Present						erization	Potential (presence of two or more indicators)		☐ Yes	Flow
ndicators for lators Present in the	CHECK if Present					ndicators for l	CHECK						utfall Charact	Potential (pr	ection		m:
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \(\text{Tyes}\)	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicators for Both Flowing and Nor Are physical indicators that are not related to flow present?	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:

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

Caulk dam

If Yes, type: \$\Boxeq\$0BM\$

° □

□ Yes

3. Intermittent flow trap set?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Back	kgroui	nd Data							
Subwatershed:	Pa	18			Outfall 1	ID: <u>-Sew</u>	NO5-	1 S	WNOS-OZ
Today's date:	171	13/23			Time (N	Military):			*
Investigators: //	like	Freeman			Form co	ompleted by:	Mile t	remai	
Temperature (°F):		57		all (in.): Last 24 hours:	//	st 48 hour			
Latitude: N32	0	8,42" Lor	ngitude:	W85°27'50.5	GPS Un	nit:		GPS LMK #	;
Camera:					Photo #	S:			
Land Use in Drair	nage Are	ea (Check all that app	oly):						
☐ Industrial					☐ Ope	n Space			
☐ Ultra-Urban R	esidenti	al			☐ Insti	tutional			
☐ Suburban Resi	idential				Other:_				F
☐ Commercial					Known	Industries:			
Notes (e.g., origin	of outfi	all, if known):				r 1	,		
					6	Xtra	cion Li	gar	
Section 2: Outf	fall De	scription						/	
LOCATION	V	MATERIA	L	SHA	APE		DIMENSIO	NS (IN.)	SUBMERGED
		RCP 🗆	CMP	Circular	Single		Diameter/Dimen		In Water:
		PVC □	HDPE	☐ Eliptical	Double		200		□ No □ Partially
Closed Pipe		☐ Steel		Вох	☐ Triple				☐ Fully
_		Other:		☐ Other:	Other:				With Sediment:
		Other.	_	Olioi.	Outer:				Partially Fully
		Concrete							
		☐ Earthen		☐ Trapezoid			Depth:		
Open drainage	e	rip-rap		☐ Parabolic			Top Width:	-	
		☐ Other:		Other:			Bottom Width: _		
☐ In-Stream		(applicable when o	ollecting	samples)					<u> </u>
Flow Present?		₩ Yes	□ No		p to Section	5			
Flow Description		(p to Section				
(If present)		Trickle	Moderat	e Substantial					
Section 3: Qua	ntitati	ve Characteriza	tion						
				FIELD DATA FOR FL	OWING (OUTFALLS			
P/	ARAME	TER		RESULT		U	NIT	EC	QUIPMENT
□Flow#1		Volume				1	Liter		Bottle
		Time to fill					Sec		
		Flow depth					In	Т	ape measure
□Flow #2		Flow width		7 27		I	t, In	T	ape measure
	N	Measured length		2 22		F	t, In	Т	ape measure
		Time of travel					S		Stop watch
Т	Гетрега	ture					°F	T	hermometer
	pН					pН	Units	Те	st strip/Probe
	Ammor	nia				n	ng/L		Test strip

Outfall Reconnaissance Inventory Field Sheet

		3 – Noticeable from a distance	y visible in Ilow	ər	- Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)													
	(1-3)	3 – Notice	☐ 3 – Clearly visible in outfall flow	☐ 3 — Opaque	3 - Some, origin clear (e.g., obvious oil sheen, suds, or float sanitary materials)		TS											
	RELATIVE SEVERITY INDEX (1-3)	2 – Easily detected	2 – Clearly visible in sample bottle	□2 – Cloudy	2 – Some; indications of origin (e.g., possible suds or oil sheen)		COMMENTS							f3) 🔲 Obvious				
	REL	1 – Faint	1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	☐ 1 – Few/slight; origin not obvious	ion 6)					_			dicators with a severity o				M Caulk dam
(If No, Skip to Section 5)		n/gas	☐ Yellow ☐Other:			(If No, Skip to Section 6)	DESCRIPTION	pping Peeling Paint	□Paint □ Other:		☐Floatables ☐ Oil Sheen Algae ☐ Other:	Green Other:		Suspect (one or more indicators with a severity of 3)				If Yes, type: \$\int\text{OBM}\$
ÇŠ	DESCRIPTION	Rancid/sour Petroleum/gas	☐ Brown ☐ Gray ☐ Orange ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	See severity	aper, etc.) Suds een) Other:	on-Flowing Outfalls		Spalling, Cracking or Chipping Corrosion	☐ Flow Line	☐ Excessive ☐ Inhibited	dors Colors Dr ds Excessive Algae	own 🔲 Orange		cators)		°Z D	Pool	% □
wing Outfalls On		Sewage Sulfide	Clear Coreen		Sewage (Toilet Paper, etc.)	h Flowing and No	resent		Loily	×a 🗆	Odors Suds	☐ Brown	zation	Potential (presence of two or more indi		☐ Yes	Flow	☐ Yes
ndicators for Flo	CHECK if Present					ndicators for Bot	CHECK if Present						utfall Characteri	Potential (prese	ection		ım:	ap set?
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicators for Both Flowing and Non-Fl Are physical indicators that are not related to flow present?	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	3. Intermittent flow trap set?

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: Back	kgroui	nd Data							
Subwatershed:	pm	C ,			Outfall	ID: SW	NOS -01	3	
Today's date:	12	/13/23			Time (Military):	09184	\$	
Investigators:	4.kz	Freena	1		Form c	completed by:	Mike	Freena	7
Temperature (°F)	: 5	57	Rainfa	all (in.): Last 24 hours:	Ø La	ast 48 hours:	9		
Latitude: N'36	36	D7.83"	Longitude:	185° 29 '55.41	GPS U	nit:		GPS LMK #:	8
Camera:					Photo #	¥s:		111	
Land Use in Drai	nage Are	ea (Check all that	apply):						
☐ Industrial					⊠ •Ope	en Space			
☐ Ultra-Urban R	Residenti	al			Pinst	titutional			
☐ Suburban Res	idential				Other:				
☐ Commercial					Known	Industries:			
Notes (e.g., origin	oute	Sir	e						
LOCATIO		MATE	RIAL	SH	APE		DIMENSIO	ONS (IN.)	SUBMERGED
		RCP	☐ CMP	Circular	Single		Diameter/Dimer	sions:	In Water:
		□ PVC	HDPE	☐ Eliptical	Double		48		☐ No Partially
Closed Pipe		☐ Steel		Вох	☐ Triple		7.0		☐ Fully
		Other:		☐ Other:	Other:				With Sediment:
					_				Partially Fully
		☐ Concrete					- I		
		☐ Earthen		☐ Trapezoid			Depth:		
Den drainag	e	☐ rip-rap		Parabolic			Top Width:	_	
		Other:		Other:			Bottom Width:		
☐ In-Stream		(applicable wh		samples)					<u> </u>
Flow Present?		Yes	□ No		p to Section	n 5			
Flow Description (If present)		☐ Trickle	Moderate	: Substantial					
Section 3: Qua	ntitati	ve Characte	rization						
				FIELD DATA FOR F	LOWING	OUTFALLS			
P.	ARAME	TER		RESULT		U	NIT	EÇ	UIPMENT
□Flow#1		Volume				I	Liter		Bottle
		Time to fill					Sec		
		Flow depth					In	Ta	ape measure
□Flow #2		Flow width	\rightarrow	·			t, In		ape measure
	_	Measured length		,,		F	t, In		ape measure
	_	Time of travel					S		Stop watch
	Fempera	ture					°F		nermometer
	pН					pH	Units		st strip/Probe
	A :	i.				I	aa/I		Toot otrin

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? Tyes (If No, Skip to Section 5)		or \square Sewage \square Rancid/sour \square Petroleum/gas \square 1 – Faint \square 2 – Easily detected distance distance	or	S	Sewage (Toilet Paper, etc.) Suds	al Indicators for Both Flowing and Non-Flowing Outfalls ators that are not related to flow present?	CATOR CHECK if Present COMMENTS	Damage Spalling, Cracking or Chipping Peeling Paint Corrosion	its/Stains	☐ ☐ Excessive ☐ Inhibit	ool quality Odors Colors Colors Officer Oil Sheen Suds Excessive Algae Other:	8	Section 6: Overall Outfall Characterization	ely \Box Potential (presence of two or more indicators) \Box Suspect (one or more indicators with a severity of 3) \Box Obvious	Data Collection	for the lab?	collected from:	
Section 4: Physical Indic Are Any Physical Indicators	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicate the physical indicators the	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfa	🐼 Unlikely 🔲 Po	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	

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

If Yes, type: \$\square\$OBM\$

Vegethin - Vines

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Back	groun	ıd Data							
Subwatershed:	PA	1C			Outfall	ID: 5 W	NOS-	09	
Today's date:	2/13	123			Time (l	Military):	1930 hrs		
Investigators:	M.Ke	Freeze	ran .		Form c	ompleted by:	Mike	freene	37
Temperature (°F):		53	Rainfa	all (in.): Last 24 hours:	/ La	st 48 hours:	Ø		
Latitude: V32	06	. 18" I	ongitude:	185 29 50.76	GPS U	nit:		GPS LMK #:	
Camera:					Photo #	fs:			
Land Use in Drain	nage Are	a (Check all that a	apply):						
☐ Industrial					Ope	n Space			
Ultra-Urban R	esidentia	al			🔼 Inst	itutional			
Suburban Resi	dential				Other:				
Commercial					Known	Industries:			
Notes (e.g., origin Section 2: Outf									
LOCATION		MATER	IAL	SH/	\PE		DIMENSIO	ONS (IN.)	SUBMERGED
		⊠ RCP	□СМР	™ Circular	Single		Diameter/Dimen	sions:	In Water:
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double	•	1800		PNo ☐ Partially
Closed Pipe		☐ Steel		□Box	☐ Triple				☐ Fully
		Other:		Other:	Other:				With Sediment:
									Partially Fully
		☐ Concrete					Denth		
_		Earthen		☐ Trapezoid			Depth:		
Dpen drainage	•	☐ rip-rap		Parabolic			Top Width:	-	
		Other:		Other:			Bottom Width: _		
☐ In-Stream		(applicable whe	n collecting	samples)					<u> </u>
Flow Present?		☐ Yes	⊠5No	If No, Skij	to Section	15			
Flow Description (If present)		☐ Trickle	☐ Moderate	Substantial					
Section 3: Quai	ntitati	ve Characteri	zation						
				FIELD DATA FOR FL	OWING	OUTFALLS			
P#	ARAME	TER		RESULT		U	NIT	EQ	UIPMENT
□Flow#1		Volume				I	iter		Bottle
		Time to fill				:	Sec		
		Flow depth	_				In		ipe measure
□Flow #2		Flow width		,			t, In		ipe measure
		leasured length		, ,,		F	t, In		pe measure
		Time of travel					S °F		Stop watch
I	emperat	ture	-						nermometer st strip/Probe
	pH	in.					Units		Test strin

Outfall Reconnaissance Inventory Field Sheet

	RELATIVE SEVERITY INDEX (1-3)	☐ 1 — Faint ☐ 2 — Easily detected distance	\square 1 – Faint colors in sample bottle sample sampl	☐ 1 – Slight cloudiness ☐ 2 – Cloudy ☐ 3 – Opaque	☐ 2 – Some; indications ☐ 3 - Some; origin clear of origin (e.g., abvious oil possible suds or oil sheen, suds, or floating sheen)	(If No, Skip to Section 6)	COMMENTS	Peeling Paint			□ Oil Sheen □ Other:			Suspect (one or more indicators with a severity of 3)			
wing Outfalls Only Jow?	DESCRIPTION	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	□Clear □ Brown □ Gray □ Yellow □Green □ Orange □Red □ Other:	See severity	Sewage (Toilet Paper, etc.)	owing Outfalls Yes No	DESCR	Spalling, Cracking or Chipping Corrosion	□Oily □ Flow Line □Paint □ Other:	☐ Excessive ☐ Inhibited	Odors Colors OFloatables	☐ Brown ☐ Orange ☐ Green	zation	Potential (presence of two or more indicators) Suspect (or		☐ Yes	Flow Pool
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	INDICATOR CHECK if Present	Odor	Color	Turbidity	Floatables -Does Not Include Trash!	Section 5: Physical Indicators for Both Flowing and Non-Fl Are physical indicators that are not related to flow present?	INDICATOR CHECK if Present	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely 🔲 Potential (preser	Section 7: Data Collection	Sample for the lab?	2. If ves. collected from:

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

Caulk dam

If Yes, type: \$\square\$OBM\$

□ Yes

3. Intermittent flow trap set?

Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data Subwatershed: Outfall ID: Today's date: Time (Military): Investigators: Form completed by: Rainfall (in.): Last 24 hours: Temperature (°F): Last 48 hours: GPS LMK #: Longitude: W) 95° 29' 51.32" GPS Unit: Latitude: N 23 Photo #s: Land Use in Drainage Area (Check all that apply): ■ Industrial Open Space Ultra-Urban Residential **Institutional** Suburban Residential Other: ☐ Commercial Known Industries: Notes (e.g., origin of outfall, if known): **Section 2: Outfall Description** MATERIAL SUBMERGED LOCATION SHAPE **DIMENSIONS (IN.)** RCP \square CMP In Water: **Circular E**ingle Diameter/Dimensions: ∕No Partially ☐ PVC ☐ HDPE ■ Eliptical Double ☐ Fully 🗹 Closed Pipe ☐ Steel ☐ Box ☐ Triple With Sediment: Other: _ Other: Other: __ No Partially ☐ Fully □ Concrete ☐ Trapezoid Depth: ____ Earthen Parabolic Top Width: __ Open drainage □ гір-гар Other: ____ Bottom Width: _ Other: ☐ In-Stream (applicable when collecting samples) Flow Present? Yes No If No, Skip to Section 5 Flow Description ☐ Trickle ■ Moderate ■ Substantial (If present) Section 3: Quantitative Characterization FIELD DATA FOR FLOWING OUTFALLS **PARAMETER** RESULT UNIT **EQUIPMENT** Volume Liter Bottle □Flow#1 Time to fill Sec Flow depth In Tape measure Flow width Ft, In Tape measure ∏Flow #2 Ft, In Measured length Tape measure Time of travel S Stop watch Temperature ٥F Thermometer pН pH Units Test strip/Probe

Ammonia

Test strip

mg/L

Outfall Reconnaissance Inventory Field Sheet

	X (1-3)	3 – Noticeable from a distance	3 – Clearly visible in outfall flow	3 - Opaque	(e.g., obvious oil sheen, suds, or floating sanitary materials)		NTS											
	RELATIVE SEVERITY INDEX (1-3)	2 – Easily detected	2 – Clearly visible in sample bottle	□2 - Cloudy	2 – Some; indications of origin (e.g., possible suds or oil sheen)		COMMENTS							of 3) 🔲 Obvious				
	REI	☐ 1 – Faint	1 – Faint colors in sample bottle	1 – Slight cloudiness	1 - Few/slight, origin not obvious	tion 6)					_			Suspect (one or more indicators with a severity of 3)				3M Caulk dam
(fNo, Skip to Section 5)	NO	um/gas	☐ Yellow ☐ Other:			falls No (If No, Skip to Section 6)	DESCRIPTION	hipping 🔲 Peeling Paint	□Paint □ Other:		☐Floatables ☐ Oil Sheen e Algae ☐ Other:	☐ Green ☐ Other:		Suspect (one or more in				If Yes, type: GOBM
JNo	DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	☐ Brown ☐ Gray ☐ Orange ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	See severity	Paper, etc.) Suds	lowing Out		Spalling, Cracking or Chipping Corrosion	□Oily □ Flow Line □	☐ Excessive ☐ Inhibited	☐ Odors ☐ Colors ☐ □ ☐ Suds ☐ Excessive Algae	☐ Brown ☐ Orange		ore indicators)		-ENo	v Pool	ON [
lowing Outfalls Ostflow? □ Yes		Sewage Sulfide	Clear C		Sewage (Toilet Paper, etc.)	oth Flowing and I	CHECK if Present						rization	Potential (presence of two or more indicators)		☐ Yes	□ Flow	□ Yes
ndicators for Fators Present in the	CHECK if Present					ndicators for B	CHECK i						utfall Characte	Potential (pre	ection		m:	ap set?
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicators for Both Flowing and Non-F Are physical indicators that are not related to flow present?	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	3. Intermittent flow trap set?

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: Outfall ID:SW Today's date: Time (Military): Investigators: Form completed by: Last 48 hours: Temperature (°F): Rainfall (in.): Last 24 hours: Latitude: Longitude; 29'55. GPS Unit: GPS LMK #: Camera: Photo #s: Land Use in Drainage Area (Check all that apply): ☐ Industrial Open Space ☐ Ultra-Urban Residential Institutional ☐ Suburban Residential Other: ☐ Commercial Known Industries: Notes (e.g., origin of outfall, if known): **Section 2: Outfall Description** SHAPE **DIMENSIONS (IN.) SUBMERGED** LOCATION **MATERIAL Z**RCP Circular (Diameter/Dimensions: ☐ CMP Single In Water: No Partially ☐ PVC ☐ HDPE Double Eliptical ☐ Fully ☐ Steel ☐ Box □ Triple Closed Pipe With Sediment: No Partially Other: Other: Other: Fully □ Concrete □ Trapezoid Depth: _____ ☐ Earthen Parabolic Top Width: __ Open drainage □ гір-гар Bottom Width: Other: Other: ■ In-Stream (applicable when collecting samples) Flow Present? Yes If No, Skip to Section 5 ☐ No Flow Description Trickle ☐ Moderate □ Substantial (If present) Section 3: Quantitative Characterization FIELD DATA FOR FLOWING OUTFALLS **PARAMETER RESULT** UNIT **EQUIPMENT** Volume Liter Bottle ☐Flow #1 Time to fill Sec Flow depth Tape measure Flow width Ft, In Tape measure ☐Flow #2 Measured length Ft. In Tape measure Time of travel S Stop watch Temperature °F Thermometer pН pH Units Test strip/Probe

Ammonia

Test strip

mg/L

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? Cayes CHECK if	dicators for Floors Present in the f	owing Outfall flow? Dyes	Å	(If No, 1	(If No, Skip to Section 5)			1
INDICATOR	Present		_	DESCRIPTION		RE	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	☐ Rancid/so ☐ Other:	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	n/gas	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☑ Orange	☐ Gray ☐Red	☐ Yellow ☐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	Sewage (Toilet Paper, etc.)) Suds		☐ 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?	dicators for Bou	th Flowing an	nd Non-Flow	owing Outfalls	(If No, Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	ş
Outfall Damage			Spalling, Corrosion	Spalling, Cracking or Chipping Corrosion	pping Peeling Paint	ıţ		
Deposits/Stains			□Oily □ F	Flow Line	□Paint □ Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality			Odors	☐ Colors ☐ ☐ Excessive Algae	☐Floatables ☐ Oil Sheen Algae ☐ Other:	п		¥
Pipe benthic growth			☐ Brown	Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	tfall Characteri	ization						
Unlikely	Potential (presence of two or more indicators)	ence of two o	r more indica	ıtors)	Suspect (one or more in	Suspect (one or more indicators with a severity of 3)	of 3) \square Obvious	
Section 7: Data Collection	tion							
1. Sample for the lab?			□ Yes	oN _N o				
2. If yes, collected from:	;;		☐ Flow	☐ Pool				
3. Intermittent flow trap set?	set?		☐ Yes	o _N	If Yes, type: GOBM	BM Caulk dam		

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

Section 1: Back	ground Data							
Subwatershed:	PMC			Outfall I	IDSID N	06.02		
Today's date: /2	113/23			Time (M	(lilitary):	1020 hs		
Investigators:				Form co	mpleted by:	Mike	Freenc	1
Temperature (°F):	54		all (in.): Last 24 hours:	4	st 48 hours:	Ø		
Latitude: N32°	36' 04.97"	C Longitude:	1850 29 50,22	GPS Un	it:		GPS LMK #	
Camera:				Photo #s	s:			
Land Use in Draina	age Area (Check all	that apply):						
☐ Industrial				Oper	n Space			
Ultra-Urban Re	sidential			Institution	tutional			
Suburban Resid	lential			Other:				
☐ Commercial				Known	Industries: _			
	of outfall, if known)		/ exterio	is L	- gro	Repaire	d 21	023
Section 2: Outfa			C.					
LOCATION		TERIAL	-	IAPE		DIMENSIO		SUBMERGED
	RCP	☐ CMP	Circular Circular	Single		Diameter/Dimen	sions:	In Water:
	□ PVC	☐ HDPE	☐ Eliptical	☐ Double				Partially Fully
Closed Pipe	☐ Steel		Вох	☐ Triple				With Sediment:
	Other:		Other:	Other:				No Partially Fully
	☐ Concrete	:		·				
	☐ Earthen		Trapezoid			Depth:		
Open drainage	☐ rip-rap		Parabolic			Top Width:	-	
	Other:		Other:			Bottom Width: _		
☐ In-Stream	_	when collecting	comples)					<i>(((((((((((((((((((((((((((((((((((((</i>
Flow Present?	☐ Yes	MNo Mo		ip to Section	5			
Flow Description (If present)	☐ Trickle	☐ Moderate		p to Scotton				
Section 3: Quan	titativa Charac	tarization						
section 5: Quan	mauve Charac	terization	FIELD DATA FOR F	LOWING O	UTFALLS			
PAI	RAMETER		RESULT		U	NIT	EC	UIPMENT
	Volume		· · · · · · · · · · · · · · · · · · ·		_	iter		Bottle
□Flow#1 □	Time to fill					Sec		
	Flow depth		181			In	Ta	ape measure
□Flow #2	Flow width		77		F	t, In	Ta	ipe measure
1 10W #2	Measured leng	th	2 22		F	t, In	Ta	ape measure
	Time of trave					S	5	Stop watch
Те	mperature					°F	T	nermometer
	pН				pН	Units	Tes	st strip/Probe
A	mmonia				n	ng/L		Test strip

INDICATOR	CHECK if Present		DESCRIPTION		REL	ATIVE SEVERITY INDEX	(1-3)
Odor		☐ Sewage ☐ Sulfide	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	☐ 1 – Faint		2 - Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Gray ☐ Yellow ☐ Orange ☐ Red ☐ Other:	☐ 1 – Faint colo sample bott		2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity			See severity	☐ 1 – Slight clo	udiness	□2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!			(Toilet Paper, etc.) \square_{Suds} m (oil sheen) \square Other:	☐ 1 – Few/sligh	t; origin	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floatin sanitary materials)
re physical indicators INDICATOR	CHECK if P		DESCRIPTION	o Section 6)		COMMENT	rs
Outfall Damage	CHECKIF	resent	☐ Spalling, Cracking or Chipping ☐ Peelir	g Paint		СОМИЕН	3
Deposits/Stains			☐ Corrosion ☐ Colly ☐ Flow Line ☐ Paint ☐ Other:				
Abnormal Vegetation			☐ Excessive ☐ Inhibited				
Poor pool quality			☐ Odors ☐ Colors ☐ Floatables ☐ Oi ☐ Suds ☐ Excessive Algae ☐ Oi	l Sheen her:			
Pipe benthic growth			☐ Brown ☐ Orange ☐ Green ☐ Or	her:			
ection 6: Overall Ou	tfall Characteri	zation					
ection 6: Overall Ou			or more indicators)	ore indicators with a	severity (of 3) 🔲 Obvious	
☑ Unlikely ☐	Potential (prese		or more indicators)	ore indicators with a	ı severity (of 3) Dovious	
- 200	Potential (prese	ence of two	or more indicators) Suspect (one or m	ore indicators with a	severity (of 3)	

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

Section 1: Back	grour	nd Data							
Subwatershed:	PM	C			Outfall	ID:	04-30		
Today's date:	12/1	3/23			Time (1	Military):	1050 hs		
Investigators:	1		117		Form c	ompleted by:	Mile	freenen	
Temperature (°F):	1	55	Rainfa	all (in.): Last 24 hours:	Ø La	st 48 hours:	Ø		
Latitude: N32	36	13.92"	Longitude	185° 29' 49,43'	GPS U	nit:		GPS LMK #:	
Camera:		- 11			Photo #	łs:			
Land Use in Drain	iage Are	a (Check all tha	at apply):						
☐ Industrial					□ Оре	en Space			
Ultra-Urban Re	esidenti	al			Inst	itutional			
Suburban Resid	dential				Other:				
☐ Commercial					Known	Industries: _			<u> </u>
Notes (e.g., origin	of outfa	all, if known):					Farm	House	
Section 2: Outf	all De	scription		,					
LOCATION	1	MATE	RIAL	SH	APE		DIMENSIO	ONS (IN.)	SUBMERGED
		RCP	☐ CMP	Circular	Single		Diameter/Dimen	_	In Water:
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double	•	58 X 3		Partially Fully
☐ Closed Pipe		☐ Steel		□Box	☐ Triple				
		Other:		Other:	Other:				With Sediment:
									Partially Fully
		☐ Concrete		T			Donathy		
		☐ Earthen		Trapezoid			Depth:		
Open drainage	;	□ гір-гар		☐ Parabolic			Top Width:		
		Other:		Other:			Bottom Width: _		
☐ In-Stream			hen collecting	samples)			-		<u> </u>
Flow Present?		Yes	□ No		ip to Section	ı5 V	early		
Flow Description (If present)		☐ Trickle	Moderate	: Substantial			1		
Section 3: Quar	ntitati	ve Characte	rization						
				FIELD DATA FOR F	LOWING	OUTFALLS			
PA	RAME	TER		RESULT		u	NIT	EQ	UIPMENT
□Flow#1		Volume]	_iter		Bottle
		Time to fill					Sec		
		Flow depth					In	Ta	ipe measure
□Flow#2		Flow width		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		F	čt, In	Ta	pe measure
	N	leasured length		,		F	ft, In	Та	pe measure
		Time of travel					S	S	Stop watch
To	'emperat	ture					°F		nermometer
	pН					pH	Units	Tes	st strip/Probe
	Ammon	ia				n	ng/L		Test strip

INDICATOR	CHECK if Present		DESCRI	TION			REI	LATIVE SEVERITY INDEX	(1-3)
Odor		☐ Sewage ☐ Sulfide	☐ Rancid/sour ☐ Pe	troleum/gas		☐ 1 – Faint		2 – Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ G	_	,	☐ 1 – Faint colo sample bott		2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity			See sev	erity		☐ 1 – Slight clo	udiness	□2 – Cloudy	3 – Opaque
Floatables -Does Not Include Trash!!		☐ Sewage (Toilet Paper, etc.) \square_{Su}			1 – Few/sligh	t; origin	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)
INDICATOR Outfall Damage	CHECK if F	Present	Spalling, Cracking	DESCRIPTION Or Chipping	Peeling Pain	nt		COMMEN	rs
Outfall Damage			☐ Spalling, Cracking ☐ Corrosion	or Chipping	Peeling Pain	nt			
Deposits/Stains			Oily Flow Lin	□ _{Paint} □	Other:				
Abnormal Vegetation			☐ Excessive ☐ Inhi	oited					
Poor pool quality			Odors Col	rs	Oil Shee	n			
Pipe benthic growth			☐ Brown ☐ Ora	ge 🔲 Green	Other:				
ection 6: Overall Out	tfall Characteri	zation							
			or more indicators)	Suspect (one or more i	ndicators with a	severity	of 3) 🔲 Obvious	
ection 7: Data Collec	tion								
. Sample for the lab?			Yes No						
. If yes, collected from	i;		Flow Po	ol					
. Intermittent flow trag	2 cot?		Yes N	If Va	s, type: \square_{O}	ПС	ılk dam		

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

Section 1: Back	kgrou	nd Data							
Subwatershed:	PNIC	0			Outfall I	D: /	04-31	/	
Today's date:	12	13/23			Time (M	filitary):	300 hs	2	
Investigators:	Ø. 11	t T			Form co	mpleted by:	Nike	treen	3-1
Temperature (°F)	: 5	70		fall (in.): Last 24 hours 🙋		st 48 hours:	Ø		
Latitude: 34	0 36	13.46 L	ongitude:	1850 29' 49.40"	GPS Un	it:		GPS LMK #	:
Camera:					Photo #s	3:		317	
Land Use in Drai	nage Are	ea (Check all that ap	ply):						
☐ Industrial					☐ Oper	n Space			
Ultra-Urban R	Residenti	al			Instit	tutional			
Suburban Res	idential				Other:				
☐ Commercial					Known I	Industries: _			
Notes (e.g., origin	n of outf	all, if known):							
Section 2: Out		1	A.1	CITA	ADE		DIMENSION	NIC (TAL)	CHRISTIA
LOCATIO	N	MATERI	CMP	SHA			Dimension Diameter/Dimension		SUBMERGED
				Circular	Single		Diameter/Dimen	ISIONS:	In Water:
		□ PVC □	HDPE	☐ Eliptical	Double		-56		Partially Fully
Closed Pipe		☐ Steel		Вох	Triple				With Sediment:
		Other:		☐ Other:	Other: _				☐ No
									Partially Fully
		Concrete							
		☐ Earthen		☐ Trapezoid			Depth:		
Open drainage	e	□ гір-гар		☐ Parabolic			Top Width:	_	
		Other:		Other:			Bottom Width:	·····	
☐ In-Stream		(applicable when	collecting	samples)					<u> </u>
Flow Present?		☐ Yes	N		p to Section	5			
Flow Description			-				<u>.</u>		
(If present)		Trickle	Moderate	e Substantial	Very	6 left	lo - di	s di	pocac
Section 3: Qua	ntitati	ve Characteriz	ation		E		•		1 2
				FIELD DATA FOR FL	OWING O	UTFALLS			
P	ARAME	TER		RESULT		U	NIT	EC	QUIPMENT
□Flow#1		Volume				I	Liter		Bottle
		Time to fill					Sec		
		Flow depth					In	Ta	ape measure
□Flow #2		Flow width		"		F	t, In	Ta	ape measure
_	N	Measured length		77		F	t, In	Ta	ape measure
		Time of travel					S	5	Stop watch
Т	l'empera	ture					°F		hermometer
	pН					pH	Units	Tes	st strip/Probe
	Ammor	nia				n	ng/L		Test strip

	RELATIVE SEVERITY INDEX (1-3)	☐ 2 — Easily detected distance		s \square_2 - Cloudy \square 3 - Opaque			COMMENTS							rity of 3) 🔲 Obvious				n
		1 – Faint	1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	☐ 1 – Few/slight; origin not obvious	tion 6)								idicators with a sever				3M 🔲 Caulk dam
(If No, Skip to Section 5)		/gas	☐ Yellow ☐Other:			(HNo, Skip to Section 6)	DESCRIPTION	ping 🔲 Peeling Paint	aint 🔲 Other:		☐Floatables ☐ Oil Sheen Igae ☐ Other:	☐ Green ☐ Other:		Suspect (one or more indicators with a severity of 3)				If Yes, type: GOBM
No (If No, S	DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	vn Gray ige Gred	See severity	, etc.) Suds	Flowing Outfalls		Spalling, Cracking or Chipping Corrosion	☐ Flow Line ☐Paint	Inhibit	☐ Colors ☐ Excessive Algae	Orange		idicators)		8	Pool	°N 🗆
g Outfalls Only? □Yes)	☐ Sewage ☐ Rancid ☐ Sulfide ☐ Other:	□Clear □ Brown □Green □ Orange		Sewage (Toilet Paper, etc.)	lowing and Non-l to flow present?	ent	Spal		☐ Excessive	Odors DSuds	☐ Brown	ion	e of two or more in		☐ Yes	□ Flow	☐ Yes
licators for Flowings Present in the flow	CHECK if Present					licators for Both I	CHECK if Present						ifall Characterizat	Potential (presence of two or more indicators)	tion			set?
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicators for Both Flowing and Non-Fl Are physical indicators that are not related to flow present?	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	MUnlikely □	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	3. Intermittent flow trap set?

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

Section 1: Background Data Subwatershed: Outfall ID: Today's date: Time (Military): Investigators: Form completed by: Freman Temperature (°F): Rainfall (in.): Last 24 hours: Last 48 hours: GPS Unit: Latitude: 1/32 GPS LMK #: Photo #s: Land Use in Drainage Area (Check all that apply): ☐ Industrial Open Space ☐ Ultra-Urban Residential Institutional ☐ Suburban Residential Other: ☐ Commercial Known Industries: Notes (e.g., origin of outfall, if known): Section 2: Outfall Description SHAPE SUBMERGED LOCATION **MATERIAL DIMENSIONS (IN.) RCP** ☐ CMP Circular Diameter/Dimensions: In Water: Single ☐ No ☑ Partially ☐ PVC ☐ HDPE ☐ Eliptical ☐ Double T Fully ☐ Steel Closed Pipe Box Triple With Sediment: No
Partially
Fully Other: Other: ___ Other: _ ☐ Concrete □ Trapezoid Depth: ____ Earthen ☐ Parabolic Top Width: _ Open drainage 🔲 гір-гар Other: Bottom Width: _ Other: ☐ In-Stream (applicable when collecting samples) Flow Present? Nes Yes □ No If No, Skip to Section 5 Flow Description Trickle ■ Moderate ■ Substantial (If present) Section 3: Quantitative Characterization FIELD DATA FOR FLOWING OUTFALLS **EQUIPMENT PARAMETER RESULT** UNIT Volume Liter Bottle □Flow #1 Sec Time to fill Flow depth In Tape measure Flow width Ft, In Tape measure ☐Flow #2 Ft, In Tape measure Measured length Time of travel S Stop watch Temperature ٥F Thermometer

pΗ

Ammonia

Test strip/Probe

Test strip

pH Units

mg/L

INDICATOR	CHECK if Present		D	ESCRIPTION				REL	ATIVE SEVERITY INDEX	(1-3)
Odor		☐ Sewage ☐ Sulfide	☐ Rancid/so☐ Other:	ur Petroleum	/gas		☐ 1 – Faint		2 - Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Orange	☐ Gray	☐ Yellow ☐Other:		1 – Faint colo		2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity				See severity			☐ 1 – Slight clo	idiness	□2 – Cloudy	3 – Opaque
Floatables -Does Not Include Trash!!		☐ Sewage (*	Toilet Paper, etc.)	Suds Other:			1 – Few/slight	;; origin	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)
ection 5: Physical Inc are physical indicators INDICATOR		ted to flow p		Yes No	(If No, Skip	to Sect	ion 6)		COMMENT	rs
INDICATOR Outfall Damage	CHECK if F	Present	Spalling, Corrosion	Cracking or Chip		ling Paint			COMMENT	rs
Deposits/Stains				low Line DP	aint Other:					
Abnormal Vegetation			Excessive	☐ Inhibited						
Poor pool quality			☐ Odors ☐Suds	☐ Colors ☐ Excessive A		Oil Sheen Other:				
Pipe benthic growth			Brown	Orange	Green C	Other:				
ection 6: Overall Out	tfall Characteri	zation								
^	Potential (pres		or more indica	itors)	Suspect (one or	more in	dicators with a	severity	of 3) Dovious	
ection 7: Data Collec	tion									
. Sample for the lab?			Yes	₽R _{No}						
. If yes, collected from	:		Flow	Pool						
. Intermittent flow trap	set?	П	Yes	☐ No	If Yes, type:	□ов	M 🗆 Cau	lk dam		

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

Section 1: Background Data

Subwatershed:	PMO	0			Outfall ID: SW	204-37		
Today's date:	12/1	3/23			Time (Military):	1350		
Investigators:	1				Form completed by:	Mike	Freen	21
Temperature (°F):			Rainfa	dl (in.): Last 24 hours:	Last 48 hours:	0	V-	
Latitude: N32	36 13	3.83*	Longitude: V	185° 29' 49.30	GPS Unit:		GPS LMK #	
Camera:					Photo #s:			
Land Use in Drair	nage Area (C	Check all that	t apply):					
☐ Industrial					Open Space			
Ultra-Urban R	tesidential				Institutional			
☐ Suburban Resi	idential				Other:			
☐ Commercial					Known Industries:			===============
Notes (e.g., origin	ı of outfall, i	f known):						
Section 2: Out				CII.		BYMENGIO	ANG (781)	CURVERCER
LOCATION		MATE			APE	DIMENSIO		SUBMERGED
	"	RCP	☐ CMP	Circular	Single	Diameter/Dimen	sions:	In Water: ☐ No
		PVC	☐ HDPE	☐ Eliptical	☐ Double	60		Partially Fully
Closed Pipe		Steel		□Box	Triple			With Sediment:
		Other:		Other:	Other:			□ No Partially □ Fully
		Concrete				D		
		Earthen		Trapezoid		Depth:		
Open drainage		rip-rap		Parabolic		Top Width:	_	
	_	Other:		Other:		Bottom Width: _		
☐ In-Stream	_	_	en collecting s	samples)				<u> </u>
Flow Present?	M	Yes	□ No	If No, Ski	p to Section 5			
Flow Description (If present)		Trickle	Moderate	☐ Substantial				
Section 3: Quar	ntitative (Characte	rization				_	
				FIELD DATA FOR FI	LOWING OUTFALLS			
P/	ARAMETEI	R		RESULT	T I	INIT	EÇ	UIPMENT
□Flow#1	\	/olume				Liter		Bottle
	Tir	me to fill				Sec		
	Flo	ow depth				In	Ta	ipe measure
□Flow#2		w width				Ft, In		ape measure
		ured length			1	Ft, In		ipe measure
		e of travel				S		Stop watch
T	emperature					°F		nermometer
	pH				pI	I Units	Tes	st strip/Probe
	Ammonia				1	ng/L		Test strip

		n a	. <u>e</u>		lear I Ioating s)													
	(1-3)	3 – Noticeable from a distance	3 – Clearly visible in outfall flow	3 – Opaque	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)		Ņ											
	RELATIVE SEVERITY INDEX (1-3)	2 – Easily detected	2 – Clearly visible in sample bottle	□2 – Cloudy	2 – Some; indications of origin (e.g., possible suds or oil sheen)		COMMENTS							rf3) 🗌 Obvious				
	REL	1 – Faint	1 – Faint colors in sample bottle	1 - Slight cloudiness	☐ 1 – Few/slight; origin not obvious	ion 6)								Suspect (one or more indicators with a severity of 3)				M Caulk dam
(HNo, Skip to Section 5)		gas	☐ Yellow ☐ Other:			(Jf No, Skip to Section 6)	DESCRIPTION	ing Peeling Paint	int		☐Floatables ☐ Oil Sheen gae ☐ Other:	☐ Green ☐ Other:		Suspect (one or more in				If Yes, type: OBM
y MNo (If No, SI	DESCRIPTION	cid/sour Petroleum/gas	мп 🗌 Gray nge 🔲 Red	See severity	; etc.) Suds	Flowing Outfalls	٥	Spalling, Cracking or Chipping Corrosion	☐ Flow Line ☐ Paint	sive 🔲 Inhibited	☐ Colors ☐FI ☐ Excessive Algae	П				o No	Pool	% □
g Outfalls Only		Sewage Rancid/	Clear Brown		Sewage (Toilet Paper, etc.)	lowing and Non-l to flow present?	ent	Spal		Excessive	Odors Suds	☐ Brown	ion	e of two or more ir		☐ Yes	☐ Flow	☐ Yes
licators for Flowin rs Present in the flow	CHECK if Present			0		licators for Both F	CHECK if Present						fall Characterizat	Potential (presence of two or more indicators)	tion			set?
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \(\Bigcup_{\text{ves}}\)	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present?	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	☑ Unlikely	7 Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	3. Intermittent flow trap set?

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

Section 1: Bac	kground Data							
Subwatershed:	pme			Outfall I	D: /	006-0	5	
Today's date:	12/13/23			Time (M	lilitary):	1235		
Investigators:					mpleted by:	mike	trees	nes
Temperature (°F			fall (in.): Last 24 hours	7	t 48 hours:	Ø		
Latitude: N3	2° 36'19.92 L	ngitude:	185 29 43.4	GPS Uni	it:	***	GPS LMK #	<i>t</i> :
Camera:				Photo #s	:			
Land Use in Dra	inage Area (Check all that ap	ply):						
☐ Industrial				☐ Open	Space			
Ultra-Urban l	Residential			◯ Instit	utional			
☐ Suburban Res	sidential			Other: _				
☐ Commercial				Known I	ndustries:			
	in of outfall, if known):							
LOCATIO		AL	S	HAPE		DIMENSIC	NS (IN.)	SUBMERGED
	□ RCP [СМР	[] Circular	Nngle		Diameter/Dimen	sions:	In Water:
	□ PVC □	HDPE	Eliptical	Double		18		☐ No ☑ Partially
Closed Pipe	□ Steel		Box	☐ Triple				Fully
Closed 1 lpc	-					<u>\$</u>		With Sediment:
	Other:		☐ Other:	Other:	_			☐ No Partially ☐ Fully
	☐ Concrete		☐ Trapezoid			Depth:		
	☐ Earthen							
Open drainag	де □ гір-гар		Parabolic			Top Width:		
	☐ Other:		Other:			Bottom Width: _		
☐ In-Stream	(applicable when	collecting	samples)				4	VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Flow Present?	Yes	☐ No	If No, S	Skip to Section .	5			
Flow Description (If present)	☐ Trickle	Moderat	e Substantial					
Section 3: Ouz	antitative Characteriz	ation						
			FIELD DATA FOR	FLOWING O	UTFALLS			
P	PARAMETER		RESULT		U	NIT	E	QUIPMENT
□Flow#1	Volume				I	iter		Bottle
□F10W#1	Time to fill				1	Sec		
	Flow depth					In	1	ape measure
□Flow #2	Flow width		, ,,		F	t, In	1	ape measure
	Measured length		# #		F	t, In	Т	ape measure
	Time of travel					S		Stop watch
	Temperature					°F	า	hermometer
	pН				pН	Units	Te	est strip/Probe

Ammonia

Test strip

mg/L

	/E SEVERI 2 - Easily de 2 - Clearly v mple bottle 2 - Some; in of origin (possible si sheen)	NN RELATT	Dally DESCRIPTION Rancid/sour Petroleum/gas Other: Orange Red Other: See severity et Paper, etc.) Suds I sheen Other: Spalling, Cracking or Chipping Peeling Paint Corrosion Other: Excessive Inhibited Other: Brown Otrange Description Other: Spalling, Cracking or Chipping Other: Spalling, Cracking or Chipping Other: Excessive Inhibited Other: Brown Orange Green Other: Brown Otrange Green Other: Brown Orange Green Other:	ing Outfalls Only W?	Indicators for Flowing Outfalls Only Eators Present in the flow? Ves. Ves. Ves.	Section 4: Physical Indicators Present in the flow? ☐ Ves Check if Present Sevage ☐ Rancid/sour ☐ Petroleum (JFNo, SPA) (JFNo, SPA)
					ction	Section 7: Data Collection
vious	_	nore indicators with	_	e of two or more in	Potential (presenc	
				ion	ıtfall Characteriza	Section 6: Overall Ou
)ther:	☐ Orange ☐ Green	□ Brown		Pipe benthic growth
		il Sheen Other:	☐ Colors ☐ Floatables ☐ Excessive Algae	Odors		Poor pool quality
			L_l innibited	Excess		Aphormal vegetation
				, 		1
			Paint			Deposits/Stains
		ing Paint				Outfall Damage
OMMENTS	00		DESCRIPTION	sent	CHECK if Pre	INDICATOR
-		to Section 6)		lowing and Non-l	dicators for Both Is that are not related	Section 5: Physical In Are physical indicators
		1 – Few/sligh	etc.)] Sewage (Toilet Paper] Petroleum (oil sheen)		Floatables -Does Not Include Trash!!
☐ 3 – Opaque		☐ 1 – Slight clo	See severity			Turbidity
		1 – Faint cold sample bot	☐ Gray ☐Red			Color
	2 – Easily detec	1 – Faint	sid/sour 🔲 Petroleum/gas sr:			Odor
INDEX (1-3)	RELATIVE SEVERITY		DESCRIPTION		CHECK if Present	INDICATOR
			0	ig Outfalls Only ? □yes	dicators for Flowir ors Present in the flow	Section 4: Physical In Are Any Physical Indicat

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

Caulk dam

OOBM

If Yes, type:

Pool

☐ Flow

If yes, collected from: Intermittent flow trap set?

7:

Section 1: Background Data

Subwatershed:	PME				Outfall ID:	PO1-	16	
Today's date:	2/13	1/73			Time (Military):	1490	20	
Investigators:	7 0	7-			Form completed by	Mike	Freen	en
Temperature (°F):	Ø	59	Rainf	all (in.): Last 24 hours:	Last 48 hours:		101	•
Latitude: N32	35'5	76.87" Longit	ude: μ	185° 29' 31.85'	GPS Unit:	al.	GPS LMK #	t:
Camera:					Photo #s:			
Land Use in Drain	nage Area	(Check all that apply)	:					
☐ Industrial					Open Space			
Ultra-Urban Ro	esidentia	1			Institutional			
Suburban Resi	dential				Other:			
☐ Commercial					Known Industries:			
Notes (e.g., origin	of outfal	l, if known):	14	- Wire.	+ Sanfard	3 hos	Hell	Corplex
Section 2: Outf	all Des							
LOCATION		MATERIAL		SH	APE	DIMENSIO	ONS (IN.)	SUBMERGED
		□CP □ CN	MΡ	Circular	ingle	Diameter/Dimer	sions:	In Water:
		□ PVC □ HI	OPE	☐ Eliptical	☐ Double	18		Partially Fully
Closed Pipe		☐ Steel		Вох	Triple			_ ,
		Other:		Other:	Other:			With Sediment: No Partially Fully
		Concrete						
		☐ Earthen		☐ Trapezoid		Depth:		
Open drainage		☐ rip-rap		☐ Parabolic		Top Width:	_	
		Other:		Other:		Bottom Width: _		
☐ In-Stream	-	(applicable when colle	ecting	samples)				<u> </u>
Flow Present?		☐ Yes [No	If No, Ski	ip to Section 5			
Flow Description (If present)		☐ Trickle ☐ Mo	oderate	e ☐ Substantial				
Section 3: Ouar	ntitativ	e Characterizatio	n					
				FIELD DATA FOR F	LOWING OUTFALLS			
PA	RAMET	ER		RESULT		UNIT	E	QUIPMENT
□Flow#1		Volume				Liter		Bottle
		Time to fill				Sec		
		Flow depth				In	Т	ape measure
□Flow#2		Flow width		2 22		Ft, In	Т	ape measure
_	Me	easured length		, ,,,		Ft, In	T	ape measure
	Т	ime of travel				S		Stop watch
To	emperatu	ire				°F	Т	hermometer
	pН				p)	H Units	Те	st strip/Probe
	Ammoni					ma/I		Tect strip

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \(\text{Yes} \) \(\text{TNDICATOR} \) CHECK if	idicators for Floriors Present in the f	wing Outfalls (flow? \(\cute{\cute\cute{\cie{\cute{\cute{\cute{\cute{\cute{\cute{\cute{\cute{\cute{\cute{\c	Only UNO (If No. Skip to Section 5)	o Section 5)	- I	DEI ATTIVE CEVEDITY INDEY (1.3)	12-51
TOTOTON	Present		DESCRIPTION		KEL	AIIVE SEVEKIIT INDEK	(1-3)
Odor		Sewage Sulfide	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:		1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		Clear Creen	☐ Brown ☐ Gray ☐ ☐ Orange ☐ ☐ ☐	☐ Yellow ☐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	\square_2 – Cloudy	3 - Opaque
Floatables -Does Not Include Trash!!		Sewage (Toilet Paper, etc.)	et Paper, etc.) Suds sheen)		☐ 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-Fl Are physical indicators that are not related to flow present?	idicators for Bot that are not relate	th Flowing and	Non-Flowing Outfalls ent?	(Jf No, Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present	DESC	DESCRIPTION		COMMENTS	S
Outfall Damage			Spalling, Cracking or Chipping Corrosion	Peeling Paint	ıt		
Deposits/Stains			Oily Flow Line Paint	Other:			
Abnormal Vegetation			☐ Excessive ☐ Inhibited				
Poor pool quality			Odors Colors Floatables Suds Excessive Algae	loatables Oil Sheen	u		
Pipe benthic growth			☐ Brown ☐ Orange ☐	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	ıtfall Characteri	ization					
② Unlikely	Potential (prese	Potential (presence of two or more indi	cators)	spect (one or more i	Suspect (one or more indicators with a severity of 3)	of 3)	
Section 7: Data Collection	ction						
1. Sample for the lab?		□ Yes	s SNo				
2. If yes, collected from:	n:	Flow	w Dool				

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

☐ Caulk dam

If Yes, type: \$\Boxed{OBM}\$

°N □

☐ Yes

3. Intermittent flow trap set?

Section 1: Bac	kgrou	nd Data						
Subwatershed:	que				Outfall ID:	PO7-1	7	
Today's date:	2/13	3/23			Time (Military):	440		
Investigators:	-	1			Form completed by:	Mike	Frence	-1
Temperature (°F)		590		all (in.): Last 24 hours:	Last 48 hours:	8		
Latitude: N 32	35	5 56 .83" Lo	ongitude: 🗸	1850 29' 31.93"	GPS Unit:		GPS LMK #:	
Camera:					Photo #s:			
Land Use in Drai	nage Are	ea (Check all that ap	pply):					
☐ Industrial					Open Space			
☐ Ultra-Urban F	Residenti	al			Institutional			
Suburban Res	idential				Other:			
☐ Commercial					Known Industries: _			
Notes (e.g., origin			1					
	F	vothall	Co.	uphex us	noter S	anford); 	
Section 2: Out								
LOCATIO		MATERIA	AL	SHA	APE	DIMENSIO	NS (IN.)	SUBMERGED
		RCP [СМР	Circular	Single	Diameter/Dimens		In Water:
		PVC □	HDPE	☐ Eliptical	Double			No □ Partially
Closed Pipe		☐ Steel		Box	☐ Triple			Fully
		Other:		☐ Other:	Other:			With Sediment:
					Guidi.			Partially Fully
☐ Concrete								Li Pany
		☐ Earthen		☐ Trapezoid		Depth:		
Open drainag	e			☐ Parabolic		Top Width:	_	
		☐ rip-rap		☐ Other:		Bottom Width: _		
		☐ Other:						
☐ In-Stream		(applicable when	collecting s	samples)				1 1 2 2 2
Flow Present?		☐ Yes	□ No	If No, Skip	p to Section 5			
Flow Description (If present)		☐ Trickle ☐	Moderate	: Substantial				
Section 3: Qua	ntitati	ve Characteriz	ation					
				FIELD DATA FOR FL	OWING OUTFALLS			
P	ARAME	TER		RESULT	U	INIT	EQ	UIPMENT
□Flow#1		Volume			I	Liter		Bottle
		Time to fill				Sec		
		Flow depth				In	Та	pe measure
□Flow #2		Flow width		"	F	it, In	Та	pe measure
_	N	Measured length	<u> </u>	"	F	t, In	Та	pe measure
		Time of travel				S	S	top watch
Т	Temperat	ture				°F	Th	nermometer
	pН				pН	Units	Tes	t strip/Probe
	Ammon	nia			n	ng/L	-	Test strip

INDICATOR	CHECK if Present		DESCRIPTION	ON	1000	RE	LATIVE SEVERITY INDEX	(1-3)
Odor		☐ Sewage	☐ Rancid/sour ☐ Petrole ☐ Other:	eum/gas	☐ 1 – Faint		2 – Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Gray ☐ Orange ☐ Red	☐ Yellow ☐Other:	1 - Faint colo sample bott		2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity			See severity		☐ 1 – Slight clo	udiness	□2 – Cloudy	3 – Opaque
Floatables -Does Not Include Trash!!			Toilet Paper, etc.) Suds n (oil sheen) Other:		1 – Few/sligh	t; origin	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)
Are physical indicators INDICATOR	CHECK if			DESCRIPTION			COMMEN	rs
Outfall Damage			Spalling, Cracking or C	hipping Peeling P	aint			
Deposits/Stains		l		Paint Other:				
Abnormal Vegetation			☐ Excessive ☐ Inhibited					
Poor pool quality			Odors Colors	Floatables Oil SI				
Pipe benthic growth			☐ Brown ☐ Orange	Green Other	:			
Section 6: Overall Ou	tfall Character	rization						
			or more indicators)	Suspect (one or mor	e indicators with a	severity	of 3) 🔲 Obvious	
Section 7: Data Collec	ction							
. Sample for the lab?			Yes -No					
2. If yes, collected from	1:		Flow Pool					
Intermittent flow trap	p set?		Yes No	If Yes, type:	OBM Cau	ılk dam		

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

Section 1: Back	kgroui	nd Data						
Subwatershed:	pm	C,			Outfall ID:	PO7-1	8	
Today's date:	12/	3/23			Time (Milit	tary): 1440		
Investigators:	-1-	7			Form comp	leted by: MIKE	Freena	1
Temperature (°F):		59		all (in.): Last 24 hours:		8 hours: 💋		
Latitude: 🔊 N 🗦	H° 3	5 56,54	Longitude: 🗸	1850 29' 31.60"	GPS Unit:	/	GPS LMK #	! :
Camera:					Photo #s:			
Land Use in Drain	nage Are	ea (Check all tha	t apply):					
☐ Industrial					Open S	pace		
Ultra-Urban R	esidenti	al			/ Instituti	onal		
☐ Suburban Resi	idential				Other:			
— ☐ Commercial						ustries:		
Notes (e.g., origin	of outf	all if known):			11110 1111	-		
Trotes (e.g., origin	or outil	uii, ii kiloviii <i>j</i> .						
Section 2: Out	fall De	scription						
LOCATION	V	MATE	RIAL	Sh	IAPE	DIMEN	SIONS (IN.)	SUBMERGED
		□ RCP	☐ CMP	Circular	Single	Diameter/Dia	nensions:	In Water:
		□ PVC	☐ HDPE	☐ Eliptical	Double	42		☑-No ☐ Partially
☐ Closed Pipe		Steel		Вох	☐ Triple			☐ Fully
		Other:		Other:	Other:			With Sediment:
								Partially Fully
		Concrete						VIIIIIIIIII
		☐ Earthen		☐ Trapezoid		Depth:	-	
Open drainage	e	-		☐ Parabolic		Top Width:	****	
		□ гір-гар		☐ Other:		Bottom Widt	h:	
		Other:						
☐ In-Stream		(applicable wl	en collecting			12		
Flow Present?		☐ Yes	MNo	If No, Sk	tip to Section 5			
Flow Description (If present)		Trickle	☐ Moderate	e Substantial				
Section 3: Qua	ntitati	ve Characte	rization					
				FIELD DATA FOR F	LOWING OUT	IFALLS		
P/	ARAME	TER		RESULT		UNIT	E	QUIPMENT
□Flow#1		Volume				Liter		Bottle
□1·10W #1		Time to fill				Sec		
		Flow depth				In	1	Tape measure
□Flow #2		Flow width		,		Ft, In	1	ape measure
	N	Aeasured length		* **		Ft, In	7	ape measure
		Time of travel				S		Stop watch
Τ	empera	ture				°F		Thermometer
	pН					pH Units	T	est strip/Probe
-	Ammor	nia				mg/L		Test strip

Note	Are Any Physical Indicators Present in the flow? Untrails Only Are Any Physical Indicators Present in the flow? Untrails Only Present CHECK if Present Color Color	wing Outfalls Only low? Yes Chro Sewage Ranc Sewage Chrolen Chear Chrolen Chear Chrolen Chrolen Chroln Sheen Sewage (Toilet Paper Corr. Corr. Corr. Corr. Corr. Chroln Spall Chrosent Chroln Spall Chrosent Chroln Spall Chroln Spall Chronen Chroln Sheen Chronen Chronen	DESCR: nucid/sour ber: own complete complete	Company Comp	Faint colors in ample bottle Slight cloudiness vious vious	RELATIVE SEVERITY INDEX (1-3) 2 - Easily detected 3 2 - Clearly visible in sample bottle 2 2 - Cloudy 3 0 of origin (e.g., possible suds or oil sheen) 3 comments	1-3) 3 - Noticeable from a distance 3 - Clearly visible in outfall flow 3 - Copaque 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials) S
Section 7: Data Collection	tion						
1. Sample for the lab?			☐ Yes ÆNo				
2. If yes, collected from:			☐ Flow ☐ Pool				

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

Caulk dam

If Yes, type: \$\Boxed{OBM}\$

% U

□ Yes

Intermittent flow trap set?

Section 1: Backg	round Data						
Subwatershed:	one			Outfall ID:	18-08		
Today's date: / 7	13/23			Time (Military):	1500		
Investigators:	,			Form completed by	MIKE	tree	mes
Temperature (°F):	59.		all (in.): Last 24 hours		Ø	,	
Latitude: N 336	36'54.22" Longi	tude: 🐧	U85° 29' 48.82'	GPS Unit:	<i>"</i>	GPS LMK #:	
Camera:				Photo #s:			
Land Use in Drainag	ge Area (Check all that apply):					
☐ Industrial				☐ Open Space			
Ultra-Urban Res	idential			nstitutional			
☐ Suburban Reside	ential			Other:			
☐ Commercial				Known Industries:			
Notes (e.g., origin o		,		211			
	Sout	4	N	welch	rfer		
Section 2: Outfal	II Description						
LOCATION	MATERIAL		SHA	APE	DIMENSIO	ONS (IN.)	SUBMERGED
	ØRCP □C	MP	Circular	Single	Diameter/Dimen	sions:	In Water:
	□PVC □H	DPE	☐ Eliptical	Double	15"		Partially
☐ Closed Pipe	☐ Steel		Вох	Triple			☐ Fully
	☐ Other:	_	Other:	☐ Other:			With Sediment:
							Partially Fully
	Concrete		_				
	☐ Earthen		☐ Trapezoid		Depth:		
Open drainage	☐ rip-rap		☐ Parabolic		Top Width:	_	
	Other:		Other:				
☐ In-Stream	(applicable when col	lecting	samples)		<u> </u>	-	XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Flow Present?	Yes	No		p to Section 5			
Flow Description		(
(If present)	☐ Trickle ☐ M	Ioderate	Substantial				
Section 3: Quant	titative Characterizati	on					
			FIELD DATA FOR FI	LOWING OUTFALLS			
PAR	RAMETER		RESULT		UNIT	EÇ	UIPMENT
Flow#1	Volume				Liter		Bottle
	Time to fill				Sec		
	Flow depth				In	Ta	ape measure
☐Flow #2	Flow width		22		Ft, In	Ta	ape measure
	Measured length		22		Ft, In		ape measure
	Time of travel				S		Stop watch
Ter	mperature				°F		hermometer
	рН			p	H Units	Tes	st strip/Probe
A	mmonia				mg/L		Test strip

Color Color Color Turbidity Floatables Bection 5: Physical Indicators for Both Flowing and Non-Flasher are not related to flow present? INDICATOR Coutfall Damage Deposits/Stains Poor pool quality Pipe benthic growth Section 6: Overall Outfall Characterization Color Deposits Potential (presence of two or more ind	Indicators for Both Flowing and Non-Florost that are not related to flow present? CHECK if Present COGORS COG	Sewage Rancid/sou Sulfide Other: Clear Brown Green Orange Sewage (Toilet Paper, etc.) Petroleum (oil sheen) Petroleum (oil sheen) Corrosion Corrosion Corrosion Corrosion Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Codors Cod	DESCRIPTION	1 - Faint colors in sample bottle 1 - Faint colors in sample bottle 1 - Slight cloudiness 1 - Few/slight, origin not obvious 0n 6 6 6 6 6 6 6 6 6 6	RELATIVE SEVERITY INDEX (1-3) 2 - Easily detected 2 - Clearly visible in sample bottle 2 - Cloudy 2 - Some; indications of origin (e.g., possible suds or oil sheen) COMMENTS COMMENTS (ty of 3)	1-3) 3 - Noticeable from a distance 3 - Clearly visible in outfall flow 3 - Opaque 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Section 7: Data Collection	<u>"</u>					
 Sample for the lab? 		☐ Yes	es Ano			
i. Campre for any me:		<u>.</u>				
2. If yes, collected from:		Flow	low Pool			

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

Caulk dam

If Yes, type: OBM

s U

□ Yes

3. Intermittent flow trap set?

Section 1: Background Data

Subwatershed:	P	me			Outfall ID:	08-12			
Today's date:	121	14/23			Time (Military):	0900			
Investigators:	1	11			Form completed by:	Mike	French	an	
Temperature (°F)	47	7	Rainfa	all (in.): Last 24 hours:	Last 48 hours:	Ø			
Latitude: N32	36	61.41"	Longitude:	N85°29,46.8	GPS Unit:		GPS LMK #		
Camera:					Photo #s:				
Land Use in Drai	nage Are	ea (Check all tha	t apply):						
☐ Industrial					Open Space				
Ultra-Urban R	Residenti	al			☐ Institutional				
Suburban Res	idential				Other:				
☐ Commercial					Known Industries:				
Notes (e.g., origin	of outfa Eas	all, if known):	Siffly	iall Com	alux				
Section 2: Out	fall De	(
LOCATIO	N	MATE	RIAL	SH	APE	DIMENSIO	NS (IN.)	SUBMERGED	
		☐ RCP	E CMP	Circular	Single	Diameter/Dimen	sions:	In Water:	
		□ PVC	☐ HDPE	☐ Eliptical	Double	24"		Partially	
Closed Pipe		☐ Steel		Box	☐ Triple			☐ Fully	
(*		Other:		Other:	Other:			With Sediment:	
								Partially Fully	
		☐ Concrete			A				
		Earthen		☐ Trapezoid		Depth:			
Den drainage	e	☐ rip-rap		Parabolic		Top Width:	_		
		Other:		Other:	Bottom Width: _				
☐ In-Stream			en collecting	ollecting samples)					
Flow Present?		Yes		officering samples) If No, Skip to Section 5					
Flow Description (If present)		☐ Trickle	☐ Moderate						
Section 3: Qua	ntitati	va Character	rization						
Section 5: Qua	пшац	ve Character	IZALION	FIELD DATA FOR F	LOWING OUTFALLS				
P	ARAME	TER		RESULT		JNIT	EC	QUIPMENT	
		Volume				Liter		Bottle	
□Flow#1		Time to fill				Sec			
		Flow depth				In	Ta	ape measure	
□Flow #2		Flow width		""	1	Ft, In	Та	ape measure	
	λ	leasured length		, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>]	Ft, In	Та	ape measure	
		Time of travel				S	5	Stop watch	
7	Temperat	ture				°F	T	nermometer	
	рН				pH	I Units	Tes	st strip/Probe	
	Ammon	nia.				ma/I		Toot strin	

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

Caulk dam

If Yes, type: \$\Boxed{OBM}\$

°N □

□ Yes

3. Intermittent flow trap set?

Flow Description Moderate Substantial	Section 1: Back	kgroui	nd Data							
Investigators	Subwatershed:	PM	C			Outfall	ID: P	09-62		
Rainfall (in): Last 24 hours Last 48 hours Case 28 hours Case 29 hours	Today's date:	12	114/23			Time (Military):	0915		
Latitude: \$\insert 2 \insert 2 \inse	Investigators:					Form c	completed by:	MIKE	FREEN	IAN
Camera: N320 35'50, 21'			17.		i_i	170-	ast 48 hours:	Ø		
Land Use in Drainage Area (Cheek all that apply)	Latitude:	36	08.621 L				nit:	70	GPS LMK #	<u>. </u>
Industrial					29'. 47.29	Photo #	¥s:			
Other Commercial Commerci	Land Use in Drain	nage Are	ea (Check all that a	pply):						
Suburban Residential Other:	☐ Industrial					Оре	en Space			
Commercial Known Industries: Softlead Surdant Surgant	Ultra-Urban R	Residenti	al			M Inst	titutional			
Notes (e.g., origin of outfall, if known) Costion 2: Outfall Description LOCATION MATERIAL SHAPE DIMENSIONS (IN.) SUBMERGED	Suburban Res	idential				Other:				
Section 2: Outfall Description LOCATION MATERIAL SHAPE DIMENSIONS (IN.) SUBMERGED ORCP CMP Circular Description Diameter/Dimensions: In Water: With Sediment: No. Partially Fully Pully Pull	☐ Commercial					Known	Industries: _			
LOCATION MATERIAL SHAPE DIMENSIONS (IN.) SUBMERGED	Notes (e.g., origin	n of outfa	all, if known):	of	Softa	eal (Tr	don	~ 3	1990
PVC					1					T
PVC	LOCATIO	N						+		
Steel			RCP [CMP	Circular	Single				
Steel			□ PVC [HDPE	☐ Eliptical	Double Double	e	24		
Other:	losed Pipe		☐ Steel		Вох	☐ Triple				
Genthange	Ì		Other:		Other:	Other:	49-4-1			⊠Ne □ Partially
Open drainage			Concrete			-		5 4		
			☐ Earthen							
Other:	Den drainag	e	 ☐ rip-rap					Top Width:		
In-Stream			Other:		Other: Bottom Width: _					
Flow Description (If present)	☐ In-Stream			collecting	samples)					<u> </u>
Section 3: Quantitative Characterization	Flow Present?		ĭ Z _Yes	☐ No	If No, Ski	ip to Section	n 5			
FIELD DATA FOR FLOWING OUTFALLS PICT OF TIME OF TI	Flow Description (If present)		☑ Trickle [☐ Moderate	e 🔲 Substantial					
PRAMETER RESULT UNIT EQUIPMENT □ Flow #1 Volume Liter Bottle □ Time to fill Sec In □ 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 Units Test strip/Probe	Section 3: Qua	ntitati	ve Characteriz	zation						
Flow #1 Volume Liter Bottle					FIELD DATA FOR F	LOWING	OUTFALLS			
Time to fill Sec	P.	ARAME	TER		RESULT		U	INIT	EC	QUIPMENT
Time to fill Sec Flow depth In Tape measure Flow width	□Flow#1		Volume				1	Liter		Bottle
Flow #2 Flow width			Time to fill					Sec		
Measured length										•
Time of travel S Stop watch Temperature °F Thermometer pH pH Units Test strip/Probe	□Flow #2									
Temperature °F Thermometer pH pH Units Test strip/Probe							I I			
pH pH Units Test strip/Probe										
	7		ture	-						
			•-	+						

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? New Section (If No. Skip to Section 5)		□ Sewage □ Rancid/sour □ Petroleum/gas □ 1 - Faint □ 2 - Easily detected □ 3 - Noticeable from a distance	□Clear □ Brown □ Gray □ Yellow □ 1 - Faint colors in sample bottle □ 2 - Clearly visible in outfall flow	S	□ Sewage (Toilet Paper, etc.) □ Sewage (Toilet Paper, etc.) □ Sewage (Toilet Paper, etc.) □ Suds □ 1 – Few/slight; origin of 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? Ves No (HNo, Skip to Section 6)	DESCR	Spalling, Cracking or Chipping Paint Corrosion	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	ssive Inhibite	Odors Colors Troatables Oil Shen Suds Excessive Algae Other:	☐ Brown ☐ Orange ☐ Green ☐ Other:	fall Characterization	Detential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3)	ion	□ Yes □ No	☐ Flow	
icators for Flowings Present in the flow	CHECK if Present					icators for Both F	CHECK if Pres						fall Characterizati	Potential (presence	ion			cot?)
Section 4: Physical Indicators for Flowing Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Ind Are physical indicators	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	Charles and the Charles and Ch

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

Section 1: Bac	kgrou	nd Data							
Subwatershed:	PM	C			Outfall	ID:	03	3 (
Today's date:	/	2/10/23	3		Time (Military):	0920		
Investigators:	1	- 1 11			Form c	ompleted by:	MIKE	FREEM	AN .
Temperature (°F)): 4	17"	Rainf	all (in.): Last 24 hours:	Ø La	ast 48 hours:	0		
Latitude: 🚜 🔾	دع	6 11 34' I	ongitude	850295097	GPS U	nit:		GPS LMK #	
Camera: N	320	36 042	7" \	1850-29' 49.11	Photo #	ŧs:			
Land Use in Drai	inage Are	ea (Check all that a	pply):						
☐ Industrial					□ Оре	en Space			
Ultra-Urban F	Residenti	ial			PInst	itutional			
Suburban Res	sidential				Other:				
☐ Commercial					Known	Industries: _			
Notes (e.g., origin			9191	a Na					
Section 2: Out LOCATION		scription MATERI	AL	SHA	APE		DIMENSI	ONS (IN.)	SUBMERGED
		▼ RCP	СМР	Circular	Single		Diameter/Dimer	nsions:	In Water:
		□ PVC [HDPE	☐ Eliptical	Double	e	30		☐ No Partially ☐ Fully
Closed Pipe		☐ Steel		Box	Triple				
		Other:		Other:	Other:				With Sediment:
									Partially Fully
		☐ Concrete		П т: i		;	Davida		
		☐ Earthen		☐ Trapezoid			Depth:		
Dpen drainag	e	☐ rip-rap		☐ Parabolic			Top Width:		
		Other:		Other:		Bottom Width:			
☐ In-Stream		(applicable when	collecting	samples)					<u> </u>
Flow Present?		Yes	☐ No	If No, Ski	p to Section	15			
Flow Description (If present)		☐ Trickle	Moderate	Substantial		YEA	rcy		
Section 3: Qua	ntitati	ve Characteriz	zation			Ľ)			
				FIELD DATA FOR FI	LOWING	OUTFALLS	m - r -		
P	ARAME	TER		RESULT		U	NIT	EQ	UIPMENT
□Flow#1		Volume				Liter			Bottle
		Time to fill					Sec		
		Flow depth					In	Та	ape measure
□Flow #2		Flow width		"		F	t, In	Та	ape measure
		Measured length				F	t, In	Та	ape measure
		Time of travel					S		Stop watch
7	l'emperat	ture	_				°F		hermometer
	pH					pH	Units	Tes	st strip/Probe
	Ammor	nia				n	no/I		Test strip

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

Caulk dam

If Yes, type: \$\square\$OBM\$

Section 1: Back	groun	nd Data							
Subwatershed:	PA	1C			Outfall I	D:	207-1	7	
Today's date:	65	12/	14/2:	3	Time (M	lilitary):	0930		
Investigators:		,	VI		Form co	mpleted by:	MIKE	FREZN	IAN
Temperature (°F):	-			all (in.): Last 24 hours:		t 48 hours:	0		
				V85 29'52.72'		it:		GPS LMK #:	
				W5 29' 39.04'	Photo #s	:			
Land Use in Drain	age Are	a (Check all that app	ly):						
☐ Industrial					☐ Oper	Space			
Ultra-Urban Re	esidentia	al .			☐ Instit	utional			
Suburban Resid	dential				Other:				
☐ Commercial					Known I	ndustries:			
Notes (e.g., origin	of outfa	ll, if known):			B.550	, /	San Food	0	
Section 2: Outfa	all Da	Serintion			C 11	1			
LOCATION		MATERIA	L	SHA	APE		DIMENSIO	NS (IN.)	SUBMERGED
		RCP	CMP	Gircular	Single		Diameter/Dimen:	sions:	In Water:
		□ PVC □	HDPE	☐ Eliptical	Double		8	ul	□ Partially
Closed Pipe		☐ Steel		Вох	☐ Triple				☐ Fully
7				☐ Other:	Other:				With Sediment:
Other:			_						Partially Fully
		Concrete		_					
☐ Concrete				☐ Trapezoid			Depth:		
Open drainage		□ гір-гар		☐ Parabolic			Top Width:	-	
		☐ Other:		Other:			Bottom Width: _		
☐ In-Stream		(applicable when o	ollecting	samples)					011111111111111111111111111111111111111
Flow Present?		☐ Yes	No		p to Section	5			
Flow Description (If present)			Moderate						
Section 3: Quan	ıtitatiy	ve Characteriza	tion						
				FIELD DATA FOR FL	LOWING O	UTFALLS			
PA	RAME	TER		RESULT		U	NIT	EQ	UIPMENT
□Flow#1		Volume				I	iter		Bottle
		Time to fill					Sec		
		Flow depth					In	Ta	pe measure
□Flow #2		Flow width	<u> </u>	·			t, In		pe measure
		leasured length	-)))		F	t, In		pe measure
` .		Γime of travel	-		-		S		top watch
Te	emperati	ште					°F		ermometer
	pH Ammon	:-			-		Units		st strip/Probe Test strip

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \(\superset \text{Yes}\)	dicators for Flo	wing Outfal	ls Only	(If No, 1	(If No, Skip to Section 5)			
INDICATOR	CHECK if Present			DESCRIPTION		RI	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	☐ Rancid/sov	sour 🔲 Petroleum/gas	n/gas	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		Clear Creen	☐ Brown ☐ Orange	☐ Gray ☐Red	☐ Yellow ☐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,	Sewage (Toilet Paper, etc.)	Suds		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?	dicators for Bot	th Flowing a	nd Non-Flow resent?	wing Outfalls] Yes	(If No, Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present)	DESCRIPTION		COMMENTS	S
Outfall Damage			Spalling, C	Spalling, Cracking or Chipping Corrosion	oping 🔲 Peeling Paint			
Deposits/Stains			□oily □ F	☐ Flow Line ☐p	□Paint □ Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality			☐ Odors ☐Suds	☐ Colors ☐ ☐ Excessive Algae	☐Floatables ☐ Oil Sheen Algae ☐ Other:	-		
Pipe benthic growth			☐ Brown	Orange	Green Other:			
Section 6: Overall Outfall Characterization	tfall Characteri	ization						
Unlikely	Dotential (presence of two or more indicators)	ence of two c	or more indica	itors)	Suspect (one or more indicators with a severity of 3)	ndicators with a severity	of 3) \square Obvious	
Section 7: Data Collection	tion							
1. Sample for the lab?			☐ Yes	No.				
2. If yes, collected from:	1:		Flow	Pool				
3. Intermittent flow trap set?	p set?		☐ Yes	»	If Yes, type: GOBM	3M 🔲 Caulk dam		
Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?	licit Discharge (Concerns (e.	g., trash or n	eeded infras	structure repairs)?			

Section 1: Background Data

Subwatershed:		. PMC			Outfall ID: Sw	008 0	つつ	7			
Today's date:	2	4	2/1	124	Time (Military):	1300 hrs					
Investigators:			-/ -/	, = ,	Form completed by:	Mike	Freeman				
Temperature (°F):			Rainfa	all (in.): Last 24 hours:	Last 48 hours:	Ø					
Latitude: N 32.	39	5 55.7/	Longitude: 1	W 850 29 39.0	GPS Unit:		GPS LMK #	:			
Camera:					Photo #s:						
Land Use in Drain	nage Ar	ea (Check all tha	at apply):								
☐ Industrial					Open Space						
Ultra-Urban R	esidenti	al			Institutional						
Suburban Resi	dential				Other:						
☐ Commercial	_				Known Industries: _						
Notes (e.g., origin			5		5 (
Sand	<u>~b</u>	_+	B 55	(D	ROUNS						
Section 2: Outf	fall De	scription									
LOCATION	4	MATE	ERIAL	SHA	APE	DIMENSIO	ONS (IN.)	SUBMERGED			
		₽ RCP	□СМР	Circular	Single	Diameter/Dimen	sions:	In Water:			
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double	18		☐ Partially			
Closed Pipe		☐ Steel		Вох	☐ Triple			☐ Fully			
		Other:		☐ Other:	☐ Other:			With Sediment:			
							☐ Partially ☐ Fully				
☐ Concret					-						
		Earthen		☐ Trapezoid	Depth:						
Open drainage	•	□ гір-гар		Parabolic Parabolic	Top Width:	_					
		☐ Other:		Other:	Bottom Width: _						
☐ In-Stream			hen collecting	samples)				<i>x</i>			
Flow Present?		☐ Yes	■ No	If No, Ski							
Flow Description (If present)		☐ Trickle	☐ Moderate	e Substantial							
Section 3: Quai	ntitati	ve Characte	rization								
				FIELD DATA FOR FI	LOWING OUTFALLS						
PA	ARAME	TER		RESULT	l t	INIT	EÇ	UIPMENT			
□Flow#1		Volume				Liter		Bottle			
		Time to fill				Sec					
		Flow depth				In	Ta	ape measure			
□Flow #2		Flow width		7 77]	Ft, In	Ta	ape measure			
		Measured length			1	Ft, In		ape measure			
		Time of travel				S		Stop watch			
Т	empera	ture				°F		hermometer			
	pН				pH	I Units		st strip/Probe			
I	Ammor	nia			,	ng/L		Test strip			

Are Any Physical Indicators Present in the flow \$\mathbb{\text{C}}\$ \$\text{C
☐ Suspect (one or more indicators with a severity of 3)
☐ Orange ☐ Green
☐ Colors ☐Floatables ☐ Excessive Algae
- 1
☐ Flow Line ☐Paint
Spalling, Cracking or Chipping Corrosion
□Suds □ 1 – Few/slight; origin of origin (e.g., not obvious or oil sheen)
☐ 1 – Slight cloudiness ☐2 – Cloudy
L Carrier L NRd
□ Brown □ Gray □ Yellow □ 1 - Faint colors in sample bottle □ 2 - Clearly visible in sample bottle
☐ Ramcid/sour ☐ Petroleum/gas ☐ 1 — Faint ☐ 2 — Easily detected ☐ Other:
JN ₀

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

Section 1: Background Data

Subwatershed:	1	enc			Outfall ID:	W ROT	7-13	
Today's date:	21	1/24			Time (Militar			Whrs /310
Investigators:	7	-7			Form complet	ted by:	ke treen	
Temperature (°F)	Ε.		Rainf	all (in.): Last 24 hours:	Last 48 h	nours: Ø		
Latitude: 32°	35	- 52.75 Lor	ngitude: 🍾	V850 29' 38.00"	GPS Unit:		GPS LMK #	:
Camera:					Photo #s:			
Land Use in Drai	nage Ar	ea (Check all that app	oly):					
☐ Industrial					Open Space	ce		
Ultra-Urban F	Residenti	al			Institution	al		
☐ Suburban Res	idential				Other:			
☐ Commercial					Known Indust	tries:		
Notes (e.g., origin	of outf	21				-	_	_
		Rock		Wall –	7 31	66101	R ACROS	's Fran fost.
Section 2: Out	fall De	scription						
LOCATIO	N	MATERIA	L	SHA	APE	DIN	MENSIONS (IN.)	SUBMERGED
		RCP	CMP	Circular	Single		r/Dimensions:	In Water:
		□ PVC □	HDPE	☐ Eliptical	☐ Double	3	6"	Mo □ Partially
Closed Pipe		☐ Steel		□Box	☐ Triple			☐ Fully
		Other:	_	☐ Other:	Other:			With Sediment:
								☐ Partially ☐ Fully
		Concrete				Denth		
		☐ Earthen		☐ Trapezoid		Depth: _		
□ Open drainag	e	☐ rip-rap		Parabolic		Top Wid	Ith:	
		☐ Other:		Other:		Bottom '	Width:	
☐ In-Stream		(applicable when o	ollecting	samples)				<i>\(\tau_{111111111111111111111111111111111111</i>
Flow Present?		☐ Yes	No No	If No, Ski	p to Section 5			
Flow Description (If present)		☐ Trickle ☐	Moderate	e Substantial				
Section 3: Qua	ntitati	ve Characteriza	tion					
				FIELD DATA FOR FI	LOWING OUTF	ALLS		
P	ARAME	TER		RESULT		UNIT	E	QUIPMENT
□Flow#1		Volume				Liter		Bottle
		Time to fill				Sec		
		Flow depth				In	Т	ape measure
□Flow #2		Flow width	_	7		Ft, In	Т	ape measure
	N	Measured length))1		Ft, In	Т	ape measure
		Time of travel				S		Stop watch
7	l'empera	ture				°F		hermometer
	pН		-			pH Units	Te	st strip/Probe
	Ammor	nia				mg/L		Test strip

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

Section 1: Back Subwatershed:	PMC			Outfall ID:	SWRO	7.23	
Today's date:	2 1124			Time (Military):	1315		
Investigators:	01 11100			Form completed b		FREEM	AN
Temperature (°F):		Rainf	all (in.): Last 24 hours:	M Last 48 hours	153		
Latitude 132°	35 52.2	Longitude:	WES 29 38.00	GPS Unit:	4	GPS LMK #	! :
Camera:	J3 J4		,	Photo #s:			
Land Use in Drain	age Area (Check all	that apply):					
☐ Industrial				Open Space			
Ultra-Urban Re	esidential			Institutional			
Suburban Resi	dential			Other:			
☐ Commercial				Known Industries			
Notes (e.g., origin	of outfall, if known):				_	
		OP	Z AT P	OCK WA	C @ 1	316610	
ection 2: Outf	all Description						
LOCATION	I M/	ATERIAL	SHA	APE	DIMENSI	ONS (IN.)	SUBMERGED
	■ RCP	☐ CMP		Single	Diameter/Dimer	nsions:	In Water:
	□ PVC	☐ HDPE	Fliptical	☐ Double	36		Partially
Closed Pipe	☐ Steel		Box	☐ Triple	-		☐ Fully
•	□ Other:		☐ Other:	☐ Other:			With Sediment:
							Partially Fully
	☐ Concret	te					
	☐ Earthen		Trapezoid		Depth:		
Open drainage			☐ Parabolic		Top Width:	_	
			☐ Other:		Bottom Width:		
7. 0	Other:						XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
In-Stream	(applicable	e when collecting No		p to Section 5			
Flow Description			1) 110, 584	p to Section 3			
If present)	☐ Trickle	☐ Moderat	e Substantial				
ection 3: Quar	ntitative Chara	cterization					
			FIELD DATA FOR FI	LOWING OUTFALL	.s		
P/	RAMETER		RESULT		UNIT	E	QUIPMENT
□Flow#1	Volume				Liter		Bottle
	Time to fil	1			Sec		
	Flow depth				In		Tape measure
□Flow #2	Flow widtl				Ft, In		Tape measure
	Measured len		" "		Ft, In	J	Tape measure
	Time of trav	rel			S		Stop watch
T	'emperature				°F		Thermometer
	рН				pH Units	T	est strip/Probe
	Ammonia				mg/L		Test strip

	TY INDEX (1-3)	etected 3 – Noticeable from a distance	visible in 3 – Clearly visible in outfall flow	3 - Opaque	- Some; indications of origin clear (e.g., obvious oil possible suds or oil sheen, suds, or floating sheen)		COMMENTS							□ Obvious				
	RELATIVE SEVERITY INDEX (1-3)	2 – Easily detected	2 – Clearly visible in sample bottle	ss														ш
		1 - Faint	1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	☐ 1 – Few/slight; origin not obvious	ction 6)		int			en			indicators with a seve				OBM Caulk dam
(HNo, Skip to Section 5)	NC	.um/gas	☐ Yellow ☐Other:			lls Io (If No, Skip to Section 6)	DESCRIPTION	hipping 🔲 Peeling Paint	□Paint □ Other:		□Floatables □ Oil Sheen e Algae □ Other:	☐ Green ☐ Other:		Suspect (one or more indicators with a severity of 3)				If Yes, type:
	DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	☐ Brown ☐ Gray ☐ Orange ☐ ☐ Red	See severity	Sewage (Toilet Paper, etc.) Suds	d Non-Flowing Outfalls esent?		Spalling, Cracking or Chipping Corrosion	Ooily Flow Line	Excessive Inhibited	Odors Colors Colors	☐ Brown ☐ Orange		more indicators)		☐ Yes SNo	Flow Pool	es No
for Flowing Outfalls it in the flow? \square_{Yes}		Sewage Sulfide	□Clear □Green			for Both Flowing an	CHECK if Present						racterization	Potential (presence of two or more indicators)				□ Yes
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \(\supersetting \text{Y} \subsetsetting \text{Y} \subsetsetting \text{N} \tex	INDICATOR CHECK if Present	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicators for Both Flowing and Non-Fl Are physical indicators that are not related to flow present?	INDICATOR CH	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization		Section 7: Data Collection	Sample for the lab?	If yes, collected from:	Intermittent flow trap set?
Section 4: Are Any Pl	INDI	Ó	ŭ	Turk	Floa -Does N. Tra	Section 5: Are physic	IND	Outfa	Depo	Abnorm	Poor	Pipe be	Section 6:	Unlikely	Section 7:	1. Sampl	2. If yes,	3. Interm

Illicit Discharge Defection and Elimination: Technical Appendices

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

Section 1: Bac	kgrou	nd Data							
Subwatershed:	f	me			Outfall	ID: 5 (W RO	2-15	
Today's date:	2/1	124			Time (Military):	13201	15	
Investigators:	7.	1			Form c	ompleted by:	MIKE	FIZEZW	<i>₩</i>
Temperature (°F)	: 33°			all (in.): Last 24 hours:		ast 48 hours:	Ø		
Latitude: N32	° 576	·52·"	Longitude: 🗸	185° 31 36.35	" GPS U	nit:	'	GPS LMK #	t:
Camera:					Photo #	ts:			
Land Use in Drai	inage Ar	ea (Check all tha	t apply):						
☐ Industrial					□Оре	en Space			
Ultra-Urban I	Residenti	al			Inst	itutional			
Suburban Res	sidential				Other:				
☐ Commercial					Known	Industries: _			
Notes (e.g., origin	n of outf	all, if known):							
				BI	6610	DR			
041 2. 04	C. II D.								
Section 2: Out LOCATIO		SCRIPTION	DTAL	SHA	NDE .		DIMENSI	ONE (THI)	SUBMERGED
LOCATIO		RCP	☐ CMP	Circular	Single		Diameter/Dime		In Water:
			_				49	1510115.	□ No
_		□ PVC	HDPE	☐ Eliptical	Double	;			☐ Partially ☐ Fully
Closed Pipe		Steel		Box	Triple				With Sediment:
		Other:		☐ Other:	Other:				☐ No ☐ Partially
									Fully
		Concrete		☐ Trapezoid			Depth:		
		☐ Earthen				Top Width:			
Open drainag	e	☐ rip-rap		Parabolic					
		Other:	_	Other:			Bottom Width:		
☐ In-Stream		(applicable wh	en collecting	samples)					<u>viiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii</u>
Flow Present?		Yes	☐ No	If No, Skip	to Section	5			
Flow Description (If present)		☐ Trickle	Moderate	Substantial	YENR	SEAS	DN ZI	Dans	Flow
Section 3: Qua	ntitati	ve Charactei	rization						
				FIELD DATA FOR FL	OWING	OUTFALLS			
P	ARAME	TER		RESULT		U	INIT	E	QUIPMENT
□Flow#1		Volume				I	Liter		Bottle
		Time to fill					Sec		
		Flow depth					In	Т	ape measure
□Flow #2		Flow width		"		F	t, In	Т	ape measure
	N	feasured length				F	t, In	T	ape measure
		Time of travel					S		Stop watch
7	l'empera	ture				-	°F	Т	hermometer
	pН					pH	Units	Te	st strip/Probe
	Ammor	nia				m	ne/I		Test strin

	RELATIVE SEVERITY INDEX (1-3)	2 – Easily detected distance	\square 2 – Clearly visible in sample bottle outfall flow	□2 - Cloudy □ 3 - Opaque	of origin (e.g., possible suds or oil sanitary materials)		COMMENTS							Obvious				
	RELATIV	□ 1 – Faint	1 - Faint colors in sample bottle sam	☐ 1 – Slight cloudiness ☐2	□ 1 – Few/slight; origin not obvious	on 6)								Suspect (one or more indicators with a severity of 3)				M Caulk dam
(If No, Skip to Section 5)	NO	hum/gas	☐ Yellow ☐Other:			lls No (Jf No, Skip to Section 6)	DESCRIPTION	hipping 🔲 Peeling Paint	□Paint □ Other:		☐Floatables ☐ Oil Sheen e Algae ☐ Other:	Green Other:		Suspect (one or more in				If Yes, type: GOBM
No	DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	☐ Brown ☐ Gray ☐ Orange ☐ Red	See severity	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen)	and Non-Flowing Outfalls present?		Spalling, Cracking or Chipping Corrosion	Oily Thow Line	Excessive Inhibited	Odors Colors Dr Suds Excessive Algae	☐ Brown ☐ Orange		or more indicators)		☐ Yes	☐ Flow ☐ Pool	☐ Yes ☐ №
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	CHECK if Present	Sewage Sulfide	□ □Clear □ □Green		☐ ☐ Sewage	Section 5: Physical Indicators for Both Flowing and Non-Fl Are physical indicators that are not related to flow present?	CHECK if Present	0					fall Characterization	Dotential (presence of two or more indicators)	tion			
Section 4: Physical Indicators for Flowing Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Ind Are physical indicators	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	3. Intermittent flow trap set?

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

Section 1: Back	ground Da	ta									
Subwatershed:	pne				Outfall ID: 54	U 201-16					
Today's date:	2/23	124			Time (Military):	1 99:301	MS				
Investigators:	•				Form completed l						
Temperature (°F):	52°		Rainfa	all (in.): Last 24 hours:	Last 48 hour	rs:					
Latitude: 332°	35 56.4	Lon,	gitude: 📈	185" 29 34.04"	GPS Unit:		GPS LMK #				
Camera:					Photo #s:						
Land Use in Drain	nage Area (Che	k all that appl	y):								
☐ Industrial					Open Space						
Ultra-Urban Re	esidential				Institutional						
Suburban Resi	dential				Other:						
☐ Commercial					Known Industries	3;					
Notes (e.g., origin	of outfall, if k	nown):									
l	NATSON	FIELD	Ho	PUSE SIDE	of Park	erson N.11	Crede	par			
Section 2: Outf		MATERIA		SH	APE	DIMENSI	ONS (IN.)	SUBMERGED			
	■ RO	CP 🔲	СМР	Circular	Single	Diameter/Dimer		In Water:			
	□ P\	'C П	HDPE	☐ Eliptical	Double	24"		☑ No ☐ Partially			
E Charles	-	_				· ·		Fully			
Closed Pipe	Ste			Box	☐ Triple			With Sediment:			
	L Ot	her:	_	Other:	Other:						
								Fully			
	□ Co	ncrete		☐ Trapezoid		Depth:					
	☐ Earthen ☐ Open drainage			Parabolic		Top Width:					
∐ Open drainage	, rip	-гар									
	Ot	her:		Other:		Bottom Width:					
☐ In-Stream	(appli	cable when c	llecting	samples)	5 5 5 7 7			VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			
Flow Present?	□ Y		Mo No								
Flow Description (If present)	☐ Tr	ckle	Moderate	e 🔲 Substantial							
Section 3: Quai	ntitative Ch	aracteriza	ion								
				FIELD DATA FOR F	LOWING OUTFALE	LS					
P.A	ARAMETER			RESULT		UNIT	EC	UIPMENT			
□Flow#1	Vol	ıme				Liter		Bottle			
Triow#1	Time	to fill				Sec					
	Flow	depth				In	Т	ape measure			
□Flow #2	Flow	width		"		Ft, In	Т	ape measure			
	Measure	d length	_			Ft, In		ape measure			
	Time o	f travel				S		Stop watch			
Т	emperature					°F		hermometer			
	pH					pH Units	Те	st strip/Probe			

Ammonia

Test strip

mg/L

[Are Any Physical Indicators Present in the flow? INDICATOR Present Odor Color Co	Are Any Physical Indicators Present in the flow? CHECK if Present Color Color	flow? Yes	□ No □ Rancid/ □ Other: □ Brown	Sour	(If No, Skip to Section 5) IPTION Petroleum/gas Gray	RE 1 - Faint 1 - Faint colors in sample bottle	RELATIVE SEVERITY INDEX (1-3) \[\begin{align*}	[1-3] 3 - Noticeable from a distance 3 - Clearly visible in outfall flow
1 1	Turbidity				See severity		☐ 1 – Slight cloudiness	□2 - Cloudy	3 - Opaque
- 1	Floatables -Does Not Include Trash!!		Sewage (Sewage (Toilet Paper, etc.)	tc.) Suds		☐ 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)
⋖ ∟	Are physical indicators that are not related to flow present? INDICATOR CHECK if Present	that are not related to fi	Ited to flow	present?	Yes No	(If No, Skip to Section 6) DESCRIPTION	tion 6)	COMMENTS	S
	Outfall Damage			Spalling Corrosic	Spalling, Cracking or Chipping Corrosion	ping 🔲 Peeling Paint			
	Deposits/Stains				☐ Flow Line ☐Paint	aint			
	Abnormal Vegetation			☐ Excessive	Inhibit				
	Poor pool quality			Odors	Colors D	☐Floatables ☐ Oil Sheen ☐ Greaten			
	Pipe benthic growth			Brown	Orange	Green Other:			
Ň	Section 6: Overall Outfall Characterization	fall Characteri	ization						
	👿 Unlikely 🔲 1	Potential (presence of two or more indicators)	ence of two	or more indi	icators)		Suspect (one or more indicators with a severity of 3)	of 3)	
l 🖔	Section 7: Data Collection	tion							
	Sample for the lab?			☐ Yes	oN.				
7.	If yes, collected from:			Flow	Pool				
w.	Intermittent flow trap set?	set?		☐ Yes	% □	If Yes, type: OBM	3M Caulk dam		

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

If Yes, type: OBM

Section 1: Bacl	kgroui	nd Data						
Subwatershed:	PMC				Outfall ID: 50	14507	-12	
Today's date:		23/24			Time (Military):	0938 W	5	
Investigators:					Form completed by:			
Temperature (°F):		re.		fall (in.): Last 24 hours:	Last 48 hours:	0	10	
Latitude: N3	20 3	5'58.03" Lor	igitude: 👔	N 85° 29' 29.43	GPS Unit:		GPS LMK #:	:
Camera:					Photo #s:			
Land Use in Drain	nage Are	ea (Check all that app	ly):					
☐ Industrial					☐ Open Space			
Ultra-Urban R	Residenti	ial			Institutional			
Suburban Resi	idential				Other:			
☐ Commercial					Known Industries: _			
Notes (e.g., origin	of outf	all, if known):						
	1	BEMC						
Section 2: Out								
LOCATION		MATERIA	L	SHA	APE	DIMENSIO	NS (IN.)	SUBMERGED
			CMP	Circular	Single	Diameter/Dimen		In Water:
		PVC	HDPE	☐ Eliptical	☐ Double	48	il.	☑ No ☐ Partially
Closed Pipe		□ Steel		Вох	☐ Triple	1		Fully
Ciosca i ipe					_			With Sediment:
		Other:	_	Other:	Other:			No Partially
		C-mareta						Fully
		Concrete		☐ Trapezoid		Depth:		
│ │				☐ Parabolic		Top Width:		
		□ гір-гар		Other:		Bottom Width: _		
		☐ Other:				Donom		
☐ In-Stream		(applicable when c	ollecting	samples)		- 9 11 26		
Flow Present?		Yes Yes	☐ No	If No, Ski	p to Section 5			
Flow Description (If present)		Trickle	Moderate	e Substantial	VEAR ROW	8 -		
Section 3: Qua	ntitati	ive Characteriza	tion					
				FIELD DATA FOR FL	LOWING OUTFALLS			
P/	ARAME	TER		RESULT	U	INIT	EC	QUIPMENT
□Flow#1		Volume]	Liter		Bottle
		Time to fill				Sec		
,		Flow depth				In	Ta	ape measure
□Flow #2		Flow width	 			Ft, In		ape measure
		Measured length	 	, ,,,	I	Ft, In		ape measure
		Time of travel	-			S		Stop watch
Γ	Tempera	ture	-			°F		hermometer
	pH		-		pH	I Units	Tes	st strip/Probe
	Ammor	nia			r	ng/L		Test strip

	x (1-3)	3 – Noticeable from a distance	3 – Clearly visible in outfall flow	3 - Opaque	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)		ITS							7				
	RELATIVE SEVERITY INDEX (1-3)	2 – Easily detected	2 – Clearly visible in sample bottle	□2 – Cloudy	2 – Some; indications of origin (e.g., possible suds or oil sheen)		COMMENTS							of 3) \square Obvious				
	REL	☐ 1 — Faint	1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	1 – Few/slight, origin not obvious	ion 6)								Suspect (one or more indicators with a severity of 3)				M Caulk dam
(ff No, Skip to Section 5)	DESCRIPTION	☐ Petroleum/gas	Gray Yellow	See severity	□Suds □ Other:	owing Outfalls [H.No, Skip to Section 6]	DESCRIPTION	Spalling, Cracking or Chipping Peeling Paint Corrosion	Line Paint Other:	☐ Inhibited	☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Excessive Algae ☐ Other:	☐ Orange ☐ Green ☐ Other:				No.	☐ Pool	☐ No If Yes, type: ☐OBM
Outfalls Only		☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	□Clear □ Brown □ Green □ Orange □		Sewage (Toilet Paper, etc.)	wing and Non-Flowing O	nt	Spalling, Crac	Ooily Thow Line	☐ Excessive ☐	Odors Osuds	☐ Brown	ū	Potential (presence of two or more indicators)		☐ Yes	☐ Flow	☐ Yes
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	CHECK if Present				0	Section 5: Physical Indicators for Both Flowing and Non-Fl Are physical indicators that are not related to flow present?	CHECK if Present						Section 6: Overall Outfall Characterization	Potential (presence	ction		m:	ap set?
Section 4: Physical In Are Any Physical Indica:	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical In Are physical indicator.	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Or	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	3. Intermittent flow trap set?

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

Section 1: Back							
Subwatershed:	PAC			Outfall ID: 5	507-	13	
Today's date:	2/23/24			Time (Military):	0940 W	2	
Investigators:				Form completed b	/ 10150	1262MA	V
Temperature (°F)			all (in.): Last 24 hours:	7.	9		
Latitude: N 32	2 35' 58.02" L	ongitude:	V85' 29' 27.39	GPS Unit:		GPS LMK #	:
Camera:				Photo #s:			
Land Use in Drai	nage Area (Check all that ap	ply):					
☐ Industrial				☐ Open Space			
Ultra-Urban R	Residential			Institutional			
☐ Suburban Res	idential			Other:			
☐ Commercial				Known Industries:			
Notes (e.g., origin	n of outfall, if known):						
	BEL	1C	LARGE	BOX			
Section 2: Out	fall Description		W				
LOCATION		AL	SH	IAPE	DIMENSIO	ONS (IN.)	SUBMERGED
	RCP [СМР	Circular	Single	Diameter/Dimen		In Water:
	□ PVC [HDPE	☐ Eliptical	☐ Double	9/0X-	72	☐ No ② Partially
Closed Pipe	□ Steel		Box	Triple	- Wr		Fully
Closed Tipe	T						With Sediment:
	Other:		Other:	Other:			No ☐ Partially
							☐ Fully
	Concrete		☐ Trapezoid		Depth:		
Open drainage	☐ Earthen		☐ Parabolic		Top Width:		
Open drainage	☐ rip-rap						
	☐ Other:		Other:		Bottom Width: _		
☐ In-Stream	(applicable when	collecting	samples)		ing to		
Flow Present?	¥ Yes	□ No	If No, Sk	ip to Section 5			
Flow Description (If present)	☐ Trickle	Moderate	Substantial	YEAR	ROUND		
Section 3: Qua	ntitative Characteriz	ation					
			FIELD DATA FOR F	LOWING OUTFALL	S		
P	ARAMETER		RESULT		UNIT	EC	QUIPMENT
□Flow#1	Volume				Liter		Bottle
	Time to fill				Sec		
	Flow depth				In	T	ape measure
□Flow #2	Flow width		- "		Ft, In	Ta	ape measure
-	Measured length				Ft, In	Ta	ape measure
	Time of travel				S		Stop watch
7	Temperature				°F		hermometer
	pH			1	pH Units	Te	st strip/Probe

Ammonia

Test strip

mg/L

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \blacksquare_{Yes} \square_{No} (If No. Skip to Section 5)		□ Sewage □ Rancid/sour □ Petroleum/gas □ 1 - Faint □ 2 - Easily detected distance □ 3 - Noticeable from a distance	□ Clear □ Brown □ Gray □ Yellow □ 1 - Faint colors in sample bottle □ 2 - Clearly visible in outfall flow	See severity	Sewage (Toilet Paper, etc.) Suds 1 - Few/slight; origin 1 - Few/slight; origin (e.g., obvious oil not obvious sheen) Other: Other:	Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present?	CHECK if Present COMMENTS	Spalling, Cracking or Chipping Peeling Paint Corrosion	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	□ Excessive □ Inhibited	Odors Colors Of Sheen Other:	☐ Brown ☐ Orange ☐ Green ☐ Other:	tfall Characterization	Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious	tion / Warcoc - HISTORIEGE	□ Yes □ No	□ Flow	The If Very Conflicture of Coult dom
licators for Flow rs Present in the flo	CHECK if Present					licators for Both	CHECK if Pro						fall Characteriza	Potential (presen	tion			6,000
Section 4: Physical Indicators for Flowing Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Inc Are physical indicators	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	0, 1, 1,

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

Section 1: Background Data

Subwatershed:	P	ne			Outfall ID: 51	N SO	7-16	
Today's date:	21	23/24	0		Time (Military):	1000 hrs		
Investigators:	(1			Form completed by	MIKE	FREZA	w
Temperature (°F):	5	5"	Rainfa	all (in.): Last 24 hours:	Last 48 hours:			
Latitude: N32	2° 3	5 56.87	Longitude:	W850 ZQ 51.9	GPS Unit:	7	GPS LMK #	t _e
Camera:					Photo #s:			
Land Use in Drain	age Are	ea (Check all th	at apply):					
☐ Industrial					Open Space			
Ultra-Urban Re	esidenti	al			Institutional			
☐ Suburban Resid	dential				Other:			
☐ Commercial					Known Industries:			
Notes (e.g., origin	of outfa		^					
		BI GG	NO T	NEW FI	E2DHOUSE			
Section 2: Outf	all De	T				,		
LOCATION		MATI	ERIAL	SH	APE	DIMENSIO	ONS (IN.)	SUBMERGED
		■ RCP	☐ CMP	Circular	Single	Diameter/Dimer	isions:	In Water:
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double	18		☐ Partially
Closed Pipe		☐ Steel		☐ Box	☐ Triple			☐ Fully
		Other:		Other:	☐ Other:			With Sediment:
								Partially Fully
		Concrete						
_		☐ Earthen		Trapezoid		Depth:		
Dpen drainage				Parabolic		Top Width:		
		☐ Other:		Other:		Bottom Width: _		
☐ In-Stream			hen collecting	samnles)			_	<u>xuuuuuuuuuuu</u>
Flow Present?		☐ Yes	No		ip to Section 5			
Flow Description		☐ Trickle		Substantial	<i>p</i> 10 200000			
(If present)								
Section 3: Quan	ıtitati	ve Characte	erization	FIELD DATA FOR F	OWEN CHEEN			
P.4	DAME	TED			LOWING OUTFALLS			
PA	RAME	Volume		RESULT		JNIT	E	QUIPMENT
□Flow#1		Time to fill				Liter Sec		Bottle
		Flow depth					т	ape measure
		Flow width		, ,,		In Ft, In		ape measure
□Flow #2	λ	flow width				Ft, In		ape measure
		Time of travel				S		Stop watch
Te	emperat					°F		hermometer
	рН				-In	I Units		st strip/Probe
	Ammon	ia .				mg/L		Test strip

WOLL [1]		CHECK if Present Check if Chear Che
Fose collected from: Flow Pool		
Yes		tion
ion Tes		Potential (presence of two o
antial (presence of two or more indicate		fall Characterization
Characterization antial (presence of two or more indicators)	Orange	
Characterization The sence of two or more indicators) Suspect (one or more indicators with a severity of 3) Support Support Support Flow	ĸ	0
□ Odors □ Colors □ Floatables □ Suds □ Odors □ Colors □ Colorer: □ Other: □ Other: □ Other: □ Brown □ Orange □ Green □ Other: □ O		
Excessive Inhibited Colors Col	☐ Flow Line	
□ Oily □ Flow Line □ Paint □ Other: □ Other: □ Excessive □ Inhibited □ Other: □ O		
	DESCRIP	CHECK if Present
CHECK if Present DESCRIPTION □ Spalling, Cracking or Chipping □ Peeling Paint □ □ Corrosion □ Cherosion □ □ Doily □ Flow Line □ Other: □ □ Odors □ Colors □ Oil Sheen □ □ Odors □ Colors □ Oil Sheen □ □ Brown □ Orange □ Green □ Other: Characterization □ Brown □ Orange □ Green □ Other: antial (presence of two or more indicators) □ Suspect (one or more indicators with a severity of 3) □ Yes □ Nool □ Flow □ Pool		licators for Both Flowing a that are not related to flow pi
are not related to flow present?	etc.)	
## Comparison of the control of the	See severity	
I - Slight cloudiness I - Some, indications I - Sight cloudiness I - Some, indications I - Few/slight, origin	☐ Gray ☐Red	
Yellow Sample bottle Sa	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	
□ Faint <	DESCRIPTION	CHECK if Present
□ Pool		Rancid/s Other: Brown Drange Orange Otale Paper, etc Coll sheen) Spalling Corrosic Dodors Suds Brown Trance indic

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

Suborbank Subo	Section 1: Bac	kgrou	nd Data							
Transportation of Controls	Subwatershed:	P	mc			Outfall	ID: Sw	507-1	7	
Rainfall (in) Last 24 hours	Today's date: 2	2(23	124			Time (I	Military):	1005 40		
Rainfall (in) Last 24 hours	Investigators:			Inc.		Form co	ompleted by:	MIKE F	ZEZN	th
Carretize						Ø La	st 48 hours:	0	_	
Land Use in Drainage Area (Check all that apply): Industrial	Latitude: N32°	35"	36.83"	Longitude:	N 85° 29'31.93	GPS U	nit:		GPS LMK #	t
Industrial	Camera:					Photo #	!s:			
Ultrn-Urban Residential Cher: Corcle Rige IN Box	Land Use in Drai	inage Are	ea (Check all tha	t apply):						
Commercial Other:	☐ Industrial					□ Оре	n Space			
	Ultra-Urban F	Residenti	al			Inst	itutional			
Notes (c.g., origin of outfall, if known): Block Corcle Cor	Suburban Res	sidential				Other:				
Section 2: Outfall Description LOCATION MATERIAL SHAPE DIMENSIONS (IN.) SUBMERGED	☐ Commercial					Known	Industries: _			
Closed Pipe Growth Control C	Notes (e.g., origin	n of outf	all, if known):							_
Closed Pipe Growth Control C	19	RIL	610	LAR	FIELD HOUSE	_	- Cis	cle Pipe	111	Box)
LOCATION MATERIAL SHAPE DIMENSIONS (IN.) SUBMERGED				JOIE					7,1-	-3(-)
RCP CMP Circular Diameter/Dimensions: No Partially Fully With Sediment: No Partially Fully Pully P			1	DYAL	CII	4 DE		DIMENSIO	NC (TN)	CURMERCER
PVC	LOCATIO	N				т —				-
Closed Pipe			-	_						No No
Other:			□ PVC	☐ HDPE	☐ Eliptical	Double	ė.			
Other:	Closed Pipe		☐ Steel		Box	☐ Triple				With Sediment:
Concrete			Other:		Other:	Other:				□ No
Genthen										
Gearthen			☐ Concrete					D 4		
Tip-rap	_		Earthen							
Gother:	∐ Open drainag 	e	□ гір-гар		☐ Parabolic					
In-Stream			Other:		Other:			Bottom Width:	· **	
Trickle	☐ In-Stream				samples)	- 1	14, 541			
	Flow Present?		☐ Yes	No	If No, Ski	ip to Section	1 5			
FIELD DATA FOR FLOWING OUTFALLS PARAMETER RESULT UNIT EQUIPMENT □ Flow #1 Volume Liter Bottle Time to fill Sec Tape measure 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			☐ Trickle	☐ Moderate	e Substantial					
PARAMETER RESULT UNIT EQUIPMENT □Flow#1 Volume Liter Bottle Time to fill Sec Tape measure 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	Section 3: Qua	ntitati	ve Characte	rization						
□Flow#1 Volume Liter Bottle Time to fill Sec					FIELD DATA FOR F	LOWING	OUTFALLS			
Time to fill Sec	P	ARAME	TER		RESULT		U	INIT	E	QUIPMENT
Flow #2 Flow depth	□Flow#1		Volume					Liter		Bottle
Flow #2 Flow width										
Flow #2				_						
Time of travel S Stop watch Temperature pH pH Units Tape ineasure Tape ineasure Pt, in Tape ineasure Tape ineasure Pt in Tape ineasure Tape ineasure Pt in Tape ineasure Tape ineasure Pt in Tape ineasure Tape ineasure Tape ineasure Pt in Tape ineasure Tape ineasure Tape ineasure Tape ineasure	□Flow #2									•
Temperature °F Thermometer pH pH Units Test strip/Probe		_					ŀ			·
pH pH Units Test strip/Probe										
			tule				»II			
			nia.						10	Test strip

tors for Flowing Outfalls Only resent in the flow? \Box_{Ves} \Box_{No} $(f/No, Skip to Section 5)$		Sewage Caroleum/gas Petroleum/gas Caroleum/gas Caroleum/g	□ Clear □ Brown □ Gray □ Yellow □ 1 - Faint colors in sample bottle □ 2 - Clearly visible in outfall flow □ Green □ Orange □ Red □ Other:	S	Sewage (Toilet Paper, etc.) Suds	Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present?	CHECK if Present COMMENTS	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	☐ ☐ ☐ Flow Line ☐ Paint ☐ Other:	☐ Excessive ☐ Inhibited	□ Odors □ Colors □ Floatables □ Oil Sheen □ Suds □ Excessive Algae □ Other:	☐ Brown ☐ Orange ☐ Green ☐ Other:	Characterization	Descential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious		□ Yes	☐ Flow ☐ Pool	If Yes OBM Caulk dam
	CHECK if Present	Sewage Sulfide	□Clear □Green			Section 5: Physical Indicators for Both Flowing and Nor Are physical indicators that are not related to flow present?	CHECK if Present						III Characterization	otential (presence of two or mor	uo	□ Yes	Flow	
Section 4: Physical Indicators for Flowing Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indic Are physical indicators th	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely Point	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	3. Intermittent flow trap set?

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

Section 1: Bac	kgrour	nd Data						
Subwatershed:	PM	e			Outfall ID:	N 507	- 18	
Today's date:	2/2	3 24				1009 hs		
Investigators:	,				Form completed by:	MICE PR	EZMAN	
Temperature (°F)				fall (in.): Last 24 hours		Ø		
Latitude: N 37	" 35	' 56,54" L	ongitude:	85" 29" 31.60"	GPS Unit:		GPS LMK #:	X.
Camera:					Photo #s:			
Land Use in Drai	nage Are	ea (Check all that a	pply):					
☐ Industrial					Open Space			
Ultra-Urban F	Residenti	al			Institutional			
Suburban Res	idential				Other:			
☐ Commercial					Known Industries: _			
Notes (e.g., origin	n of outfa			1		ii.		
		BILLIC	-	(FIRED HOL	UE SIDE	/ BOX)	
Section 2: Out	fall De	scription				1		
LOCATIO		MATER	AL	SHA	PE	DIMENSIO	NS (IN.)	SUBMERGED
		RCP [] СМР	Circular	Single	Diameter/Dimens	ions:	In Water:
		□ PVC [HDPE	☐ Eliptical	☐ Double	37 XZS		Mo ☐ Partially ☐ Fully
Closed Pipe		☐ Steel		Box	☐ Triple			,
		Other:		☐ Other:	Other:			With Sediment: No Partially Fully
		☐ Concrete				P 4		
		☐ Earthen		☐ Trapezoid		Depth:		
│ □ Open drainag	e	☐ rip-rap		☐ Parabolic		Top Width:	-	
		Other:		Other:		Bottom Width:		
☐ In-Stream		(applicable when	collecting	samples)		T-11 1 3 (1)		<i></i>
Flow Present?		☐ Yes	■ No	If No, Skip	to Section 5			
Flow Description (If present)		☐ Trickle [Moderate	e Substantial				
Section 3: Qua	ntitativ	ve Characteria	otion					
occion or Qua		· · · · · · · · · · · · · · · · · · ·	attion .	FIELD DATA FOR FL	OWING OUTFALLS			
P	ARAME	TER		RESULT	·	INIT	EQ	UIPMENT
□Flow#1		Volume				Liter		Bottle
		Time to fill				Sec		
		Flow depth				In	Та	pe measure
□Flow #2		Flow width		" "	I	Ft, In	Ta	pe measure
_	M	leasured length			I	Ft, In	Ta	pe measure
	-	Γime of travel				S	S	top watch
7	l'emperat	ure				°F	Th	nermometer
	pН				pH	I Units	Tes	t strip/Probe
	Ammon	ia			r	ng/L		Test strip

	(1-3)	3 – Noticeable from a distance	3 – Clearly visible in outfall flow	3 - Opaque	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)		S										
	RELATIVE SEVERITY INDEX (1-3)	2 – Easily detected	2 – Clearly visible in sample bottle	□2 – Cloudy	2 – Some; indications of origin (e.g., possible suds or oil sheen)		COMMENTS							of 3) \square Obvious			
	REI	1 - Faint	1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	☐ 1 – Few/slight; origin not obvious	:tion 6)		DI.			uz			Suspect (one or more indicators with a severity of 3)			
nly \square No (If No, Skip to Section 5)	DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	☐ Brown ☐ Gray ☐ Yellow ☐ Orange ☐ Red ☐ ☐ Other:	See severity	Paper, etc.)	on-Flowing Outfalls ת? [] Yes [] No (J/No, Skip to Section 6)	DESCRIPTION	Spalling, Cracking or Chipping Peeling Paint Corrosion	ily	☐ Excessive ☐ Inhibited	□ Odors □ Colors □ Floatables □ Oil Sheen □ Suds □ Excessive Algae □ Other:	☐ Brown ☐ Orange ☐ Green ☐ Other:		icators)		No	Pool
wing Outfalls O flow? □ yes		Sewage Sulfide	□Clear □		Sewage (Toilet Paper, etc.)	th Flowing and I	Present						ization	Potential (presence of two or more ind		☐ Yes	□ Flow
ndicators for Flo	CHECK if Present					ndicators for Bo s that are not rela	CHECK if Present						utfall Character	Potential (pres	ection		m:
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicators for Both Flowing and Non-F Are physical indicators that are not related to flow present?	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:

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

☐ Caulk dam

If Yes, type: \$\Boxeq\$0BM

å U

□ Yes

Intermittent flow trap set?

Section 1: Bac	ekground Data						
Subwatershed:	PMC			Outfall ID: 5	N 507	-19	
Today's date:	2/23/24			Time (Military):	1012 Ws		
Investigators:				Form completed b	Y MIKE F	SEEM	×μ
Temperature (°F): 55	Rainfa	all (in.): Last 24 hours				
Latitude:		Longitude:		GPS Unit:		GPS LMK #	t:
Camera:				Photo #s:			
Land Use in Dra	inage Area (Check all tl	nat apply):					
☐ Industrial				Open Space			
Ultra-Urban	Residential			Institutional			
☐ Suburban Re	sidential			Other:			
☐ Commercial				Known Industries			
Notes (e.g., origi	in of outfall, if known):						
	B16610	N.	of FIECI	HOUSE			
Soction 2. Out	tfall Description						
LOCATIO		ERIAL	S	HAPE	DIMENSIO	ONS (IN.)	SUBMERGED
	₽ RCP	□ СМР	Circular	Single	Diameter/Dimer	nsions:	In Water:
	□ PVC	☐ HDPE	☐ Eliptical	☐ Double	Sta		No □ Partially
Closed Pipe	☐ Steel		Box	☐ Triple			Fully
Closed 1 lpe	-						With Sediment:
	Other:		Other:	Other:			■ No ■ Partially ■ Fully
	☐ Concrete						
	☐ Earthen		☐ Trapezoid		Depth:		
Open drainag	ge —		☐ Parabolic		Top Width:	-	
	□ гір-гар		Other:		Bottom Width: _		
	Other:						
☐ In-Stream		when collecting					
Flow Present?	☐ Yes	■ No	IJ No, S	kip to Section 5			
Flow Description (If present)	☐ Trickle	☐ Moderate	Substantial				
Section 3: Qua	antitative Charact	erization					
			FIELD DATA FOR	FLOWING OUTFALL	S		
F	PARAMETER		RESULT		UNIT	E	QUIPMENT
□Flow#1	Volume				Liter		Bottle
	Time to fill				Sec		
	Flow depth				In	Т	ape measure
□Flow #2	Flow width		,,		Ft, In	Т	ape measure
	Measured lengt	h	77		Ft, In	Т	ape measure
	Time of travel				S		Stop watch
	Temperature				°F	Т	hermometer
	На				pH Units	Te	est strip/Probe

Ammonia

Test strip

mg/L

	RELATIVE SEVERITY INDEX (1-3)	2 – Easily detected distance	2 – Clearly visible in sample bottle outfall flow	□2 - Cloudy □ 3 - Opaque	of origin (e.g., possible suds or oil saheen) 3 - Some; origin clear (e.g., obvious oil sheen, suds or oil sanitary materials)		COMMENTS							□ Obvious				
	RELATIVE	□ 1 – Faint	1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness ☐2.	□ 1 – Few/slight, origin not obvious	on 6)	Tropics of the second							Suspect (one or more indicators with a severity of 3)				M Caulk dam
(If No, Skip to Section 5)	NO	eum/gas	☐ Yellow ☐Other:	λ		falls No (If No, Skip to Section 6)	DESCRIPTION	Chipping Peeling Paint	□Paint □ Other:	đ	☐Floatables ☐ Oil Sheen ve Algae ☐ Other:	☐ Green ☐ Other:		Suspect (one or more inc				If Yes, type: \$\square\$OBM\$
No		ge 🔲 Rancid/sour 🔲 Petroleum/gas c 📑 Other:	☐ Brown ☐ Gray ☐ Orange ☐ ☐ Red	See severity	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen)	lowing Out		Spalling, Cracking or Chipping Corrosion	Oily Flow Line	Excessive Inhibited	☐ Odors ☐ Colors ☐ □ Suds ☐ ☐ Excessive Algae	☐ Brown ☐ Orange		o or more indicators)		☐ Yes 🐻 No	☐ Flow ☐ Pool	☐ Yes ☐ No
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	CHECK if Present	☐ ☐ Sewage	DClear DGreen		□ Sewag	Section 5: Physical Indicators for Both Flowing and Non-F Are physical indicators that are not related to flow present?	CHECK if Present						Section 6: Overall Outfall Characterization	Potential (presence of two or more indicators)	ction		n:	
Section 4: Physical Indicators for Flowing Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical In Are physical indicators	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Ou	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	3. Intermittent flow trap set?

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

Subwatershed:	africa and a second			Outfall ID:	SW 500	1.20	
	2123124			Time (Military):			
Investigators:	C(C) -1				1030 hs		
Temperature (°F):	500	Rainfa	all (in.): Last 24 hours		Dy: MIKE	FEEEW	7410
				-	3. 0	GPS LMK #	· .
Camera:	36.51	mgrtuuc.W	85° 29' 32, 5	Photo #s:		OI 5 LIVIN #	•
	nage Area (Check all that ap	nlv).		Thoto no.			
☐ Industrial	ango 12 ou (ontoin un unu up	F-37.		Open Space			
_							
☐ Ultra-Urban R				Institutional			
Suburban Resi	dential			Other:			
☐ Commercial				Known Industries	:		
Notes (e.g., origin	of outfall, if known):						
	B16610	DR	ACROSS	FROM B	ENC L	ONINA	DOCK
	fall Description	41		HAPE	DIMENSY	ONC (TN)	SUBMERGED
LOCATION					DIMENSI		
	_	CMP	Circular	Single	Diameter/Dimer		In Water:
	□ PVC □	HDPE	☐ Eliptical	Double	76		☐ Partially ☐ Fully
Closed Pipe	☐ Steel		☐ Box	☐ Triple			With Sediment:
	Other:		☐ Other:	☐ Other:			No
							☐ Partially ☐ Fully
	Concrete			-			
	☐ Earthen		Trapezoid		Depth:		
Open drainage			☐ Parabolic		Top Width:	_	
			☐ Other:		Bottom Width:		
	Other:						
In-Stream	(applicable when	collecting	samples)				
low Present?	☐ Yes	No No	If No, S	Skip to Section 5			
low Description If present)	☐ Trickle ☐] Moderate	Substantial				
ection 3: Qua	ntitative Characteriz	ation					
			FIELD DATA FOR	FLOWING OUTFALL	.s		
P/	ARAMETER		RESULT		UNIT	EC	QUIPMENT
□Flow#1	Volume				Liter		Bottle
	Time to fill				Sec		
	Flow depth				In	Т	ape measure
Flow #2	Flow width	_	""		Ft, In	T	ape measure
_	Measured length		, ,,,		Ft, In	Т	ape measure
	Time of travel				S	1	Stop watch
Т	emperature				°F	Т	hermometer
	pН				pH Units	Te	st strip/Probe

Ammonia

Test strip

mg/L

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \(\text{Tyes} \) CHECK if Present	dicators for Flo	flow? Tyes		(#No, S	(If No, Skip to Section 5)	REL	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage 🖂 Sulfide	Rancid/so	Rancid/sour Petroleum/gas	1/gas	1 - Faint	2 – Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Orange	☐ Gray ☐Red	☐ Yellow ☐ 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	Sewage (Toilet Paper, etc.)) Suds		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-Fl Are physical indicators that are not related to flow present?	dicators for Bo	oth Flowing a	nd Non-Flow resent?	owing Outfalls	(HNo, Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	S
Outfall Damage			Spalling, (Spalling, Cracking or Chipping Corrosion	ping Peeling Paint	t t		
Deposits/Stains				☐ Flow Line ☐ ☐ ☐ ☐ ☐	□Paint □ Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality			Odors	☐ Colors ☐] Excessive Algae	☐Floatables ☐ Oil Sheen Jgae ☐ Other:	u		
Pipe benthic growth			Brown	Orange	Green Other:			
Section 6: Overall Outfall Characterization	tfall Character	ization						
Unlikely	Potential (presence of two or more indi	sence of two o	r more indica	icators)	Suspect (one or more in	Suspect (one or more indicators with a severity of 3)	of 3)	
Section 7: Data Collection	tion							
1. Sample for the lab?			☐ Yes	oN				
2. If yes, collected from:	11		Flow	□ Pool				
3. Intermittent flow trap set?	set?		☐ Yes	ž	If Yes, type: \$\square\$OBM\$	BM Caulk dam		

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

If Yes, type: \$\square\$OBM\$

Section 1: Bac	kgroui	nd Data						
Subwatershed:	one				Outfall ID: S	S TOT.	14	
Today's date:	05	ma224			Time (Military):	6900 hrs		
Investigators:					Form completed by	The state of the s		an
Temperature (°F)	63	6	Rainfa	all (in.): Last 24 hours:	Last 48 hours	B		
Latitude: N 3	9° 36	21.70"	Longitude: 🕡	1850 29'22.50	GPS Unit:		GPS LMK #:	:
Camera:				· 101	Photo #s:		77=	
Land Use in Drai	inage Are	ea (Check all that	apply):					
☐ Industrial					Open Space			
☐ Ultra-Urban F	Residenti	al			Institutional			
Suburban Res	sidential				Other:			
☐ Commercial					Known Industries:			
Notes (e.g., origin	n of outf	all, if known):						
Section 2: Out	fall De	scription						
LOCATIO	N	MATER	RIAL	SH	APE	DIMENSI	ONS (IN.)	SUBMERGED
		RCP	□СМР	☐ Circular	Single	Diameter/Dimer		In Water:
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double	X9	6	Partially Fully
Closed Pipe		☐ Steel		■ Box	☐ Triple			With Sediment:
		Other:		☐ Other:	☐ Other:			∕ No
								☐ Partially ☐ Fully
		Concrete		☐ Trapezoid		Donth		
		☐ Earthen				Depth:		
Open drainag	;e	☐ rip-rap		Parabolic		Top Width:		
		Other:		Other:		Bottom Width:		
☐ In-Stream		(applicable wh		samples)	771.77	-		<u>viiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii</u>
Flow Present?		2 Yes	□ No	If No, Ski	ip to Section 5			
Flow Description (If present)		☐ Trickle	Moderate	e Substantial				
Section 3: Qua	ntitati	ve Character	rization					
Section 5. Qua	incitati	ve Character	ization	FIELD DATA FOR F	LOWING OUTFALLS	5	1 6 5	
P	ARAME	TER		RESULT		UNIT	EC	QUIPMENT
□Flow#1		Volume				Liter		Bottle
		Time to fill				Sec		
		Flow depth				In	Tr	ape measure
□Flow #2		Flow width		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ft, In	Ta	ape measure
	N	Measured length		" "		Ft, In	Ta	ape measure
		Time of travel				S		Stop watch
· ·	Tempera	ture				°F		hermometer
	pН				I	H Units	Tes	st strip/Probe
	Ammor	nia				mg/L		Test strip

3 - Noticeable from a distance 3 - Clearly visible in outfall flow 3 - Opaque 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)	□ 2 - Easily detected □ 2 - Clearly visible in sample bottle □ 2 - Cloudy □ 2 - Some; indications of origin (e.g., possible suds or oil sheen) COMMENTS of 3) □ Obvious	Tellow 1 - Faint 2 - Easily detected 3 3 3 3 4 4 5 5 5 5 5 5 5 5	necid/sour Petroleum/ ther: rown Gray range Red See severity See severity Det, etc.) Suds See) Det, etc.) Suds See severity In Other: Dalling, Cracking or Chipp Orrosion Sessive Inhibited Sessive Inhibited Sessive Inhibited Sessive Orange Indicators) Indicators	Sewage Ranc. Sulfide Other Clear Brown Green Oran, Petroleum (oil sheen) Petroleum (oil sheen) Petroleum (oil sheen) Petroleum (oil sheen) Resent Corrolesses Corrolesses	Chesent	Color
				Flow	1:	If yes, collected from:
				∏ Yes		Sample for the lab?
					tion	tion 7: Data Collec
		indicators with a severity o	dicators)	nce of two or m	Potential (prese	Unlikely
				cation	tfall Characteriz	tion 6: Overall Ou
			n Orange Green			Pipe benthic growth
		en	Colors Floatables Excessive Algae	تُاتُ		Poor pool quality
			- 1			Abnormal Vegetation
			☐ Flow Line ☐ Paint	ŏ		Deposits/Stains
		int				Outfall Damage
IS	COMMENI		DESCRIPTION	resent	CHECK IF P	INDICATOR
		ction 6)		1 Flowing and led to flow prese	dicators for Bot	tion 5: Physical In
3 - Some; origin clear (e.g., obvious oil sheen, suds, or floati sanitary materials)	2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 1 – Few/slight; origin not obvious	etc.)	Sewage (Toilet Petroleum (oil		Floatables Does Not Include Trash!!
3 – Opaque	\square_2 – Cloudy	☐ 1 – Slight cloudiness	See severity			Turbidity
3 – Clearly visible in outfall flow	2 – Clearly visible in sample bottle	1 – Faint colors in sample bottle	☐ Gray ☐Red			Color
3 – Noticeable from a distance	2 – Easily detected	1 – Faint] Rancid/sour ☐ Petroleum/gas] Other:			Odor
			DESCRIPTION		Present	

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

□ Yes

☐ Caulk dam

If Yes, type: OBM

Section 1: Back	kgrou	nd Data						
Subwatershed:	pme	/			Outfall ID: Sh	1 TO7.	17	
Today's date:	05	MARZ	4			0910 hrs		
Investigators:					Form completed by	MIKE	FREET	MAN
Temperature (°F):	6	34		all (in.): Last 24 hours:	Last 48 hours:	0		
Latitude: N 32	1° 35	1 56.28"	Longitude: \	N85° 29' 26.47	GPS Unit:		GPS LMK #	!
Camera:		·	*		Photo #s:			
Land Use in Drain	nage Ar	ea (Check all th	at apply):					
☐ Industrial					☐ Open Space			
Ultra-Urban R	esidenti	al			Institutional			
Suburban Resi	idential				Other:			
☐ Commercial					Known Industries:			
Notes (e.g., origin	of outf	all, if known):		,				
l v	Nel	lness	K	italien				
Section 2: Out	fall Da	conintion						
LOCATION			ERIAL	SH	APE	DIMENSIO	NS (IN.)	SUBMERGED
		■ RCP	□СМР	Circular	Single	Diameter/Dimen		In Water:
		□ PVC	HDPE	☐ Eliptical	Double	24	r	No □ Partially
Closed Pine		Steel		Box	☐ Triple			Fully
Closed Pipe				_	- '			With Sediment:
		Other:		Other:	Other:			No Partially
						1		Fully
		Concrete		☐ Trapezoid		Depth:		
│ │	e	Earthen		☐ Parabolic		Top Width:		
		☐ rip-rap		☐ Other:		Bottom Width:		
		Other:	_	Other.		Bottom Width.		
☐ In-Stream		(applicable w	hen collecting	samples)				
Flow Present?		☐ Yes	No	If No, Ski	p to Section 5			
Flow Description (If present)		☐ Trickle	☐ Moderate	e Substantial				
Section 3: Quar	ntitati	ve Characte	erization					
				FIELD DATA FOR FI	LOWING OUTFALLS			
P/	ARAME	TER		RESULT		UNIT	E	QUIPMENT
□Flow#1		Volume				Liter		Bottle
		Time to fill				Sec		
		Flow depth				In	T	ape measure
□Flow #2		Flow width		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ft, In	Т	ape measure
	N	Measured length	1	, ,,		Ft, In	Т	ape measure
		Time of travel				S		Stop watch
T	Гетрега	ture				°F	Т	hermometer
	pН				p	H Units	Те	est strip/Probe
	Ammor	nia				mg/L		Test strip

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? Types The Area of the flow of th	DESCRI	□ Sewage □ Rancid/sour □ Petroleum/gas □ 1 - Faint □ 2 - Easily detected □ 3 - Noticeable from a distance	□ Clear □ Brown □ Gray □ Yellow □ 1 - Faint colors in sample bottle □ 2 - Clearly visible in outfall flow	S	□ Sewage (Toilet Paper, etc.) □ Sewage (Toilet Paper, etc.) □ Suds □ 1 - Few/slight; origin of eg., obvious oil sheen) □ 1 - Few/slight; origin of eg., obvious oil sheen, suds, or floating 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?	CHECK if Present COMMENTS	Spalling, Cracking or Chipping Deaint Corrosion	☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	☐ Excessive ☐ Inhibited	Odors Colors Of Sheen Other:	☐ Brown ☐ Orange ☐ Green ☐ Other:	II Characterization	Dotential (presence of two or more indicators)	Q.	☐ Yes 🔊 No	
icators for Flowing On s Present in the flow?						icators for Both Flowi hat are not related to flo	CHECK if Present						all Characterization	otential (presence of t	loi		
Section 4: Physical Indicators for Flowing Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Ind Are physical indicators t	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely I	Section 7: Data Collection	1. Sample for the lab?	

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

Caulk dam

If Yes, type: GOBM

Section 1: Back	kgroui	nd Data							
Subwatershed:					Outfall	ID: 54	1 U10-	ID	
Today's date:	05	MR Z4			Time (I	Military): 7	2920 W	S	
Investigators:					Form c	ompleted by:	MIKE	FREEM	N
Temperature (°F)			-	all (in.): Last 24 hours:		st 48 hours:	0		
Latitude: 刘 3	a° 3	15 44.50 Lon	gitude:	N850 29' 16.11'	GPS U	nit:		GPS LMK #:	
Camera:					Photo #	s:			
Land Use in Drai	nage Are	ea (Check all that app	ly):						
☐ Industrial					□ Оре	en Space			
Ultra-Urban F	Residenti	al			Inst	itutional			
Suburban Res	sidential				Other:				
☐ Commercial					Known	Industries: _			
Notes (e.g., origin	n of outfa			13.1					
		Fores-	W24	à Hort	ri cul	ture			
G 4 A O 4	£ 11 D		1						
Section 2: Out		MATERIA		SH	APE		DIMENSI	ONS (IN.)	SUBMERGED
		☑ RCP	СМР	Circular	Single		Diameter/Dimer		In Water:
		□ PVC □	HDPE	☐ Eliptical	☐ Double		54	N	No ☐ Partially
Closed Pipe		☐ Steel		Вох	☐ Triple				Fully
Closed Tipe		_		☐ Other:	Other:				With Sediment:
	☐ Other: Concrete ☐ Earthen			Other:	Other.				Mo ☐ Partially ☐ Fully
	Open drainage								
	☐ Concrete ☐ Earthen ☐ Deen drainage			☐ Trapezoid			Depth:		
Open drainag	Open drainage			☐ Parabolic			Top Width:	_	
	☐ Earthen ☐ rip-rap ☐ Other:			Other:			Bottom Width:		
☐ In-Stream	Open drainage rip-rap			samples)					
Flow Present?	☐ rip-rap ☐ Other: ☐ In-Stream (applicable when c				ip to Section	ı 5			
Flow Description (If present)		Trickle	Moderate	e Substantial	- Co	nstru	whin I	College	of Ed.
Section 3: Qua	ntitati	ve Characteriza	tion	Cle	Co-C			,	
				FIELD DATA FOR F	LOWING	OUTFALLS	17.6		
P	ARAME	TER		RESULT		U	NIT	EQ	UIPMENT
□Flow#1						I	Liter		Bottle
	PARAMETER Volume Time to fill						Sec		
		Flow depth	-				In		pe measure
□Flow #2		Flow width	 	, , ,,,			t, In		pe measure
		Measured length	ļ 	, ,,		F	t, In		pe measure
		Time of travel					S		top watch
	Tempera	ture				***	°F		nermometer
	pН					рН	Units	Tes	st strip/Probe

Are Any Physical Indicators Present in the flow?	CHECK if Present in the fl	flow? Yes	No Rancid/s	■No (If No, Skip DESCRIPTION Rancid/sour □ Petroleum/gas	(If No, Skip to Section 5) IPTION Petroleum/gas	5)	REI	RELATIVE SEVERITY INDEX (1-3)	(1-3) 3 - Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Orange	☐ Gray ☐Red	☐ Yellow ☐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	\square_2 – Cloudy	3 – Opaque
Floatables -Does Not Include Trash!!		Sewage (Toilet Paper	Sewage (Toilet Paper, etc.)	:) Suds			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-Fl Are physical indicators that are not related to flow present? INDICATOR CHECK if Present	ndicators for Both Flow rs that are not related to fl CHECK if Present	th Flowing a ted to flow p		lowing Outfalls	DESCR	(If No, Skip to Section 6)	tion 6)	COMMENTS	82
Outfall Damage			Spalling,	Spalling, Cracking or Chipping Corrosion	D Buidd	Peeling Paint			
Deposits/Stains				☐ Flow Line ☐ □	□Paint□	Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited					
Poor pool quality			Odors	Colors DExcessive Algae	☐Floatables Algae	Oil Sheen	u		
Pipe benthic growth			☐ Brown	Orange	Green	Other:			
Section 6: Overall Outfall Characterization	utfall Characteri	ization							
Unlikely	Potential (presence of two or more indicators)	ence of two c	or more indic	ators)] Suspect (or	ne or more ir	Suspect (one or more indicators with a severity of 3)	of 3)	
Section 7: Data Collection	ection								
1. Sample for the lab?	ذ		☐ Yes	ON O					
2. If yes, collected from:	ım:		Flow	□ Pool					

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

Caulk dam

If Yes, type: OBM

s U

□ Yes

Intermittent flow trap set?

Section 1: Back	ground Data								
Subwatershed:	pne		Outfall ID: Sa	W09-04					
Today's date:	05 MAR 24		Time (Military):	0925 WS					
Investigators:	1 38		Form completed by	MIKE FREEN	LAN				
Temperature (°F):	1320 35 48 81"	Rainfall (in.): Last 24 ho	ours: Last 48 hours:						
Latitude: N 326	35,48-81" Long	gitude: W 85°29' 04	GPS Unit:	GPS LMF	X #:				
Camera:			Photo #s:						
Land Use in Draina	age Area (Check all that appl	y):							
☐ Industrial			Open Space						
Ultra-Urban Re	sidential		Institutional						
Suburban Resid	lential		Other:						
☐ Commercial			Known Industries:						
Notes (e.g., origin	of outfall, if known):			2					
157	OUTFALL	@ menal	4 GARDEN	(STEM + AG	SITE				
Section 2: Outfa									
LOCATION			SHAPE	DIMENSIONS (IN.)	SUBMERGED				
	■ RCP	CMP Circular	Single	Diameter/Dimensions:	In Water:				
	□ PVC □	HDPE	☐ Double	24"					
Closed Pipe	☐ Steel	Box	☐ Triple		☐ Fully				
E Closed Tipe	-	-			With Sediment:				
	Other:	Other:	Other:		No□ Partially□ Fully				
	☐ Concrete			B .1					
	☐ Earthen	☐ Trapezoid		Depth:					
Open drainage	☐ rip-rap	☐ Parabolic							
	Other:	☐ Other:		Bottom Width:					
☐ In-Stream	(applicable when co	llecting samples)		TELEPINE TO	XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				
Flow Present?	Yes		o, Skip to Section 5						
Flow Description			o, bing to become						
(If present)	Trickle 🔲	Moderate Substantial							
Section 3: Quan	titative Characterizat	ion							
		FIELD DATA FO	OR FLOWING OUTFALLS						
PAI	RAMETER	RESULT		TINU	EQUIPMENT				
□Flow#1	Volume			Liter	Bottle				
	Time to fill			Sec					
<u> </u>	Flow depth			In	Tape measure				
□Flow #2	Flow width	7 27		Ft, In	Tape measure				
	Measured length			Ft, In	Tape measure				
	Time of travel			S	Stop watch				
Те	emperature			°F	Thermometer				
	рН		pl	H Units	Test strip/Probe				
A	Ammonia			то/Г.	Test strip				

	(1-3)	3 – Noticeable from a distance	3 – Clearly visible in outfall flow	3 - Opaque	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)		TS											
	RELATIVE SEVERITY INDEX (1-3)	2 - Easily detected	2 – Clearly visible in sample bottle	□2 – Cloudy	2 – Some; indications of origin (e.g., possible suds or oil sheen)		COMMENTS							of 3) \square Obvious				
	REI	1 – Faint	1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	1 – Few/slight, origin not obvious	tion 6)		ıţ			u			Suspect (one or more indicators with a severity of 3)				BM Caulk dam
(HNo, Skip to Section 5)		1/gas	☐ Yellow ☐Other:			(HNo, Skip to Section 6)	DESCRIPTION	ping 🔲 Peeling Paint	aint 🔲 Other:		☐Floatables ☐ Oil Sheen Igae ☐ Other:	Green Other:		Suspect (one or more in				If Yes, type: GOBM
No No	DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	☐ Brown ☐ Gray ☐ Orange ☐ ☐ Red	See severity	pper, etc.) Suds	on-Flowing Outfalls 7 Yes No		Spalling, Cracking or Chipping Corrosion	,	☐ Excessive ☐ Inhibited	ors Colors DE S Excessive Algae	own 🔲 Orange		e indicators)		oNi	Pool	°N □
owing Outfalls Onl		Sewage G	Clear DE		Sewage (Toilet Paper,	th Flowing and No ated to flow present	Present				Odors Suds	l 📗 Brown	ization	Dotential (presence of two or more indicators)		☐ Yes	Flow	□ Yes
Indicators for Floators Present in the	CHECK if Present				0	Indicators for Bors that are not rela	CHECK if Present						Outfall Character	☐ Potential (pres	ection	٤	om:	rap set?
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present?	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outfall Characterization	Unlikely	Section 7: Data Collection	1. Sample for the lab?	2. If yes, collected from:	3. Intermittent flow trap set?

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

Section 1: Back	ground Data										
Subwatershed:	anc			Outfall ID: 5 W	W 69-00	6					
Today's date:	05 MAR 24			Time (Military):	0930 hs						
Investigators:				Form completed by	MIKE FIR	,F5.W	EAN				
Temperature (°F):	640		all (in.): Last 24 hours:	Last 48 hours:							
Latitude: N3A	35 48-04	Longitude:	1850-29' 04.B'	GPS Unit:	GPS Unit: GPS LMK #:						
Camera:				Photo #s:							
Land Use in Drain	age Area (Check all that	apply):									
☐ Industrial				Open Space							
Ultra-Urban Re	esidential			Institutional							
Suburban Resi	dential			Other:							
☐ Commercial				Known Industries:							
Notes (e.g., origin	of outfall, if known):										
Î	RESIDENCE	E HA	AL PARKIN	GLOT - 15	PART BR	DGE					
Section 2: Outf											
LOCATION		RIAL	SH	APE	DIMENSIONS (IN.)	SUBMERGED				
	▼ RCP	□СМР	Circular	Single	Diameter/Dimensions:		In Water:				
	□ PVC	HDPE	☐ Eliptical	Double	24"		☑ No ☐ Partially				
Closed Pipe	☐ Steel		Вох	☐ Triple			☐ Fully				
	Other:		☐ Other:	☐ Other:			With Sediment:				
			Culci.				Partially Fully				
	Concrete										
	☐ Earthen		Trapezoid		Depth:						
☐ Open drainage			☐ Parabolic		Top Width:						
	☐ rip-rap		☐ Other:		Bottom Width:						
	Other:				1						
☐ In-Stream	(applicable wh										
Flow Present?	☐ Yes	₽ No	If No, Ski	ip to Section 5							
Flow Description (If present)	☐ Trickle	☐ Moderate	e Substantial								
Section 3: Quar	ntitative Character	rization									
Section 5. Quan	THATTYC CHATACTCI	ization	FIELD DATA FOR F	LOWING OUTFALLS	T. 100						
PA	RAMETER		RESULT		TINU	EQI	UIPMENT				
DEL #1	Volume				Liter		Bottle				
∏Flow#1	Time to fill				Sec						
	Flow depth				In	Tap	oe measure				
DElow #2	Flow width		2 22		Ft, In	Таг	oe measure				
Flow #2 Measured length ,,		2 22		Ft, In	Тар	oe measure					
	Time of travel				S	St	op watch				
T	emperature				°F	The	ermometer				
	pН			pl	1 Units	Test	strip/Probe				
	Ammonia				mg/L	T	est strip				

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

Caulk dam

If Yes, type: GOBM

Section 1: Bac	kgroui	nd Data										
Subwatershed:	PME					· SW WO	29-11					
Today's date:	Sm	AR 24				Time (Military): 0940mg						
Investigators:					Form completed	Form completed by: MICE FREEMAN						
Temperature (°F)): 6	60		fall (in.): Last 24 hours:								
Latitude: 🔥 🤼 🞖	30 46	.694	Longitude:	W850 29 03.81	GPS Unit:		GPS LMK #	:				
Camera:					Photo #s:							
Land Use in Drai	inage Are	ea (Check all the	at apply):									
☐ Industrial					Open Space							
Ultra-Urban I	Residenti	al			Institutional							
Suburban Res	sidential				Other:							
☐ Commercial					Known Industrie	s:						
Notes (e.g., origin BET) Section 2: Out	WE	U STET	M - 16	/ RESIDE'NO	E HALL	DARKING .	2nd	PAST PRIDSE				
LOCATIO			ERIAL	SI	IAPE	DIMENSIO	ONS (IN.)	SUBMERGED				
☐ In-Stream	☐ Other: ☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ☐ In-Stream (applicable when collecting				Single Double Triple Other: Sip to Section 5	Depth: Top Width:	Diameter/Dimensions: " With Depth: Top Width: Bottom Width:					
Flow Description (If present)		☐ Trickle	☐ Moderat	e Substantial								
Section 3: Qua	ntitati	ve Characte	erization									
3				FIELD DATA FOR I	FLOWING OUTFAL							
P	ARAME			RESULT		UNIT	E	QUIPMENT				
□Flow#1		Volume				Liter		Bottle				
		Time to fill	_			Sec	7	· · · · · · · · · · · · · · · · · · ·				
Flow depth Flow width				, ,,		In Ft, In		ape measure ape measure				
□Flow #2		Aeasured length		, ,,		Ft, In		ape measure				
	_	Time of travel				S		Stop watch				
	L Tempera					°F		hermometer				
	рН	-				pH Units		est strip/Probe				
	Ammor	nio.				ma/l		Tost strip				

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

Caulk dam

If Yes, type: GOBM

≗ □

☐ Yes

Intermittent flow trap set?

Appendix D

Illicit Discharge Detection & Elimination

Investigated IDDE & Details

April 1, 2023, through March 31, 2024

2023	-2024 Illicit	Discharg	ge Dete	ction &	Elimination	
Date	Location	Observation	Contaminant	Samples Y/N	Corrective Measures Taken	Date
	PMC at Wellness Kitchen,					
	Thach, Tennis Ct., &					
4/12/2023	Raptor Ctr.	AWW Monthly	e-coli	Υ	high concentrations	on-going
	PMC at AG Heritage Park,					
5/9/23	Farmhouse, DEP, & Tennis Ct.	AWW Monthly	e-coli	Υ	high concentrations	on-going
3/3/23	Terrino et.	Att to tolonelly				
		contractor servicing			Facilities Management	
		grease trap spilled			applied absorbent to	
		contents onto			immediate area and then	
6/2/2023	Foy Union Parking	pavement	grease	N	pressure washed to storm.	6/2/202
					Heavy rains preceded	
					sampling event however,	
					RMS/AWW continued	
- ((ANADAZ A 4 - male li v	!:	Y	monitoring and source ID efforts initiated.	on going
6/13/2023	multiple PMC sites	AWW Monthly	e-coli	ı	Investigating upstream to	on-going
7/7/2023	PMC at Farmhouse, Thach,& DEP	AWW Monthly	e-coli	Υ	locate source(s)	on-going
1/1/2023	PMC at Longleaf,	Avvvv ivionenty	C con		100000000000000000000000000000000000000	gg
	Wellness Kitvhen,					
	Farmhouse, Thach, DEP,					
	Tennis Ct.,Raptor Ctr,					
8/10/2023	Shug	AWW Monthly	e-coli	Y	high concentrations	on-going
					grassed area along Roosevelt	
					Concourse relained wet for	
					an extended period. Facilities Management and began	
	Duncan Hall near	suspect ground			investigating possible	
0/22/2022	Roosevelt Concourse	seepage	sewage?	N	sanitary issue.	on-going
6/23/2023	(toosever concourse	эссравс	Jewaga.		Site personel were informed	0.0
					to and measures to	
		sediment loss			strengthen BMPs following	
9/1/2023	Stem/AG Building Site	following rain event	sedmient	N	rain	9/4/202
	PMC at Wellness Kitchen,					
9/19/2023	VCOM Pond	AWW Monthly	e-coli	Y	high concentrations	on-going
	Arboretum, AG Heritage					
	Park, Wellness Kitchen, Thach and Tennic Cts	AWW Monthly	e-coli	Y	high concentrations	on-going
10/11/2023	Thach and Tenflic Cts	Avv vv ivionitily	e-con		mgn concentrations	on going
	AG Heritage Park, PMC at					
	Wellness Kitchen	AWW Monthly	e-coli	Υ	high concentrations	on-going
	PMC at Wellness	·				
	Kitchen,Coliseum &					
12/5/2023	Thach	AWW Monthly	e-coli	Y	high concentrations	on-going
					- 1111	
					Facilities Management	
					reported a small leak from	
12/6/2020		Generator at CVM	diesel	N	generator tank. Repair was initiated upon discovery	12/6/202
12/6/2023	Wellness Kitchen	Hot Water Plant AWW Monthly	e-coli	N 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	Υ	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.	3/8/202
3/13/2024	District Energy (P4-32)	AWW Monthly	e-coli	Υ	high concentrations	on-going
		ground seepage	~groundwater or		Facilities identified surficial release, secured affected area and will isolate and repair planned for 3/15. Investigation continues but confrmed not to be sanitary	
2/14/2024	Mell St. near Comer	during dry period	process water	N	waste.	on-going

Appendix E

Construction Site Inventory & Details

April 1, 2023, through 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		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	ALR10C3SB	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	ALR10C465	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

Off Campus	mpus 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	Туре	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-08	Dry Detention Basin	Risk Management Pond	758014.508	762998.407	20	1
DDET-10	Dry Detention Basin	SportsPlex Pond	759600.49	760600.15	20	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:	Pafe july	Sk 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	Maintenance External Building Material Store	
		Maintenance	

Should stormwater concerns be identified during the inspection, measures will be taken in cooperation with RMS and the responsible group as soon as possible.

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 p	processes exposed to rain?	\boxtimes		
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention			NC	N/A
6. Is exposed equipment/processes clean and in good working order?				
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?		\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_	\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes		
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?				
Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?			\boxtimes

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

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 p	processes exposed to rain?			\boxtimes
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_	\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure	· · ·	\boxtimes		
Does facility have materials or residual drain system, and/or local water ways		\boxtimes		
11. Does the facility have any apparent IDDEs?				
Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?			\boxtimes

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

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 p	processes exposed to rain?	\boxtimes			
Inspection Checklist					
Good Housekeeping					
Inspection Item		С		NC	
 Site is free from litter and debris? 		\boxtimes			
2. Are designated waste receptacles pro	perly used?	\boxtimes			
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes			
4. Are BMPs in good working order?		\boxtimes			
5. Storm drainage system and outfalls are inspected and free of debris and spills?					
Pollution Prevention			NC	N/A	
6. Is exposed equipment/processes clean and in good working order?					
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?		\boxtimes			
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_		\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure			\boxtimes		
Does facility have materials or residual drain system, and/or local water ways	_	\boxtimes			
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?			\boxtimes		
13. Are hazardous materials/waste storage areas properly labeled?			\boxtimes		
Environmental Training				_	
14. Has the Facility POC received Stormwa	ater training?			\boxtimes	

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.

Noncompliant (NC)

Non-applicable (N/A)

^{***}Compliant (C)

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 p	processes exposed to rain?	\boxtimes		
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 				
Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention			NC	N/A
6. Is exposed equipment/processes clean and in good working order?				
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking)	_	\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure	· · ·	\boxtimes		
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?				\boxtimes
12. Are hazardous materials/waste stored distanced from storm drain system an				\boxtimes
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?			\boxtimes



***Compliant (C)

Noncompliant (NC)

Non-applicable (N/A)

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 p	processes exposed to rain?	\boxtimes		
Inspection Checklist				
Good Housekeeping				
Inspection Item		С	\rightarrow	NC
 Site is free from litter and debris? 				
Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention			NC	N/A
6. Is exposed equipment/processes clean and in good working order?				
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?		\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking)	_	\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes		
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		\boxtimes		
11. Does the facility have any apparent IDDEs?				
12. Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?			

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

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 p	processes exposed to rain?	\boxtimes		
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
2. Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		\boxtimes		
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		\boxtimes		
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes		
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?		\boxtimes		
13. Are hazardous materials/waste storage areas properly labeled?				
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?			\boxtimes

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility Information	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 p	processes exposed to rain?			\boxtimes	
Inspection Checklist					
Good Housekeeping					
Inspection Item		С		NC	
 Site is free from litter and debris? 		\boxtimes			
2. Are designated waste receptacles pro	perly used?	\boxtimes			
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes			
4. Are BMPs in good working order?		\boxtimes			
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes			
Pollution Prevention		С	NC	N/A	
6. Is exposed equipment/processes clean and in good working order?		\boxtimes			
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		\boxtimes			
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes			
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?				\boxtimes	
13. Are hazardous materials/waste storage areas properly labeled?				\boxtimes	
Environmental Training					
14. Has the Facility POC received Stormwa	ater training?				

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility Information					
Facility Name: Football Complex	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 p	processes exposed to rain?			\boxtimes	
Inspection Checklist					
Good Housekeeping					
Inspection Item		С	\perp	NC	
 Site is free from litter and debris? 		\boxtimes			
2. Are designated waste receptacles pro	perly used?	\boxtimes			
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes			
4. Are BMPs in good working order?		\boxtimes			
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes			
Pollution Prevention		С	NC	N/A	
6. Is exposed equipment/processes clean and in good working order?		\boxtimes			
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)?		\boxtimes			
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 Stormwa	ater training?			\boxtimes	

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility	Facility Information					
Facility	Name: AU Hotel Conference Center					
Facility	POC:	Phone Number: 3347401267				
Date of	Inspection: 3/28/24	Inspectors: Mike Freeman				
Site Ev	aluation		Yes		No	
Does f	acility have potential pollutants or p	processes exposed to rain?			\boxtimes	
Inspec	tion Checklist			•		
	lousekeeping					
	ion Item		С		NC	
1.	Site is free from litter and debris?		\boxtimes			
2.	Are designated waste receptacles pro	perly used?	\boxtimes			
3.	Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes			
4.	Are BMPs in good working order?		\boxtimes			
5. Storm drainage system and outfalls are inspected and free of debris and spills?			\boxtimes			
Pollution Prevention			С	NC	N/A	
6. Is exposed equipment/processes clean and in good working order?			\boxtimes			
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?			\boxtimes			
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?			\boxtimes			
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?			\boxtimes			
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?			\boxtimes			
11. Does the facility have any apparent IDDEs?			\boxtimes			
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		\boxtimes				
13. Are hazardous materials/waste storage areas properly labeled?					\boxtimes	
	nmental Training			1		
14.	Has the Facility POC received Stormwa	ater training?				

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility	Information				
Facility	Name: Campus Dining Facility				
Facility	POC:	Phone Number: 3347401267			
Date of	Inspection: 3/27/24	Inspectors: Mike Freeman			
Site Ev	aluation		Yes		No
Does fa	acility have potential pollutants or p	processes exposed to rain?	\boxtimes		
	tion Checklist				
	ousekeeping				
	ion Item		С		NC
1.	Site is free from litter and debris?		\boxtimes		
2.	Are designated waste receptacles pro	perly used?	\boxtimes		
3.	Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4.	Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes			
Pollution Prevention			С	NC	N/A
6. Is exposed equipment/processes clean and in good working order?			\boxtimes		
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?			\boxtimes		
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?			\boxtimes		
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?			\boxtimes		
10.	10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?				
11.	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?		\boxtimes			
13. Are hazardous materials/waste storage areas properly labeled?					\boxtimes
	mental Training				
14.	Has the Facility POC received Stormw	ater training?	\boxtimes		

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility Information					
Facility Name: Foy Dining	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 p	processes exposed to rain?			\boxtimes	
Inspection Checklist					
Good Housekeeping					
Inspection Item		С		NC	
 Site is free from litter and debris? 		\boxtimes			
2. Are designated waste receptacles pro	perly used?	\boxtimes			
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes			
4. Are BMPs in good working order?		\boxtimes			
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes			
Pollution Prevention		С	NC	N/A	
6. Is exposed equipment/processes clean and in good working order?		\boxtimes			
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		\boxtimes			
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes			
If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes			
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?		\boxtimes			
13. Are hazardous materials/waste storage areas properly labeled?				\boxtimes	
Environmental Training					
14. Has the Facility POC received Stormwa	ater training?	\boxtimes			

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

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 p	processes exposed to rain?			\boxtimes
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
Storm drainage system and outfalls ar spills?	e inspected and free of debris and	\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	· •	\boxtimes		
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes		
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		\boxtimes		
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		\boxtimes		
11. Does the facility have any apparent ID	11. Does the facility have any apparent IDDEs?			
Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?			

Comments (attach	n any necessary photos	s):	
***Compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility Information						
Facility Name: Terrell Dining Hall						
Facility	POC:	Phone Number: 3347401267				
Date of	Inspection: 12/16/23	Inspectors: Mike Freeman				
Site Ev	aluation		Yes		No	
Does fa	acility have potential pollutants or p	processes exposed to rain?			\boxtimes	
Inspec	tion Checklist					
	lousekeeping		_	1		
	ion Item		С		NC	
1.	Site is free from litter and debris?		\boxtimes			
2.	Are designated waste receptacles pro	perly used?	\boxtimes			
3.	Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes			
4.	Are BMPs in good working order?		\boxtimes			
5.	Storm drainage system and outfalls ar spills?	re inspected and free of debris and	\boxtimes			
Pollutio	on Prevention		С	NC	N/A	
6. Is exposed equipment/processes clean and in good working order?		\boxtimes				
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		\boxtimes				
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes				
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		\boxtimes				
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		\boxtimes				
11.	11. Does the facility have any apparent IDDEs?		\boxtimes			
12.	Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes			
13.	Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes	
Environmental Training						
14.	Has the Facility POC received Stormwa	ater training?				

Comments (attach	n any necessary photos	s):	
***Compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

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 p	processes exposed to rain?			\boxtimes
Inspection Checklist				
Good Housekeeping				
Inspection Item		C		NC
 Site is free from litter and debris? 		\boxtimes		
2. Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls ar spills?	e inspected and free of debris and	\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clear	n and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?		\boxtimes		
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes		
Does facility have materials or residual drain system, and/or local water ways		\boxtimes		
11. Does the facility have any apparent ID	DEs?	\boxtimes		
12. Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attach any necessary photos):



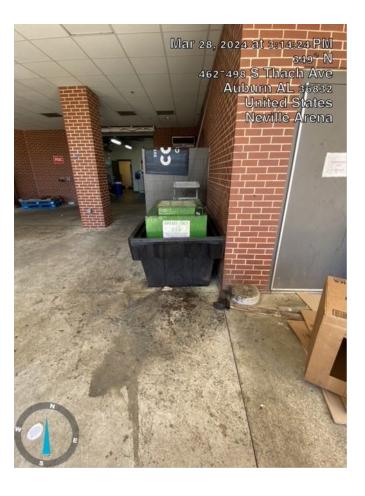
***Compliant (C)

Noncompliant (NC)

Non-applicable (N/A)

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?			\boxtimes
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
Site is free from litter and debris?		\boxtimes		
Are designated waste receptacles pro	operly used?	\boxtimes		
3. Are spills immediately cleaned up to	the extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls a spills?	re inspected and free of debris and	\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clea	in and in good working order?	\boxtimes		
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		\boxtimes		
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes		
If facility has outdoor storage, spill kit personnel are aware of spill procedure.		\boxtimes		
10. Does facility have materials or residuation drain system, and/or local water way		\boxtimes		
11. Does the facility have any apparent II	DDEs?	\boxtimes		
12. Are hazardous materials/waste store distanced from storm drain system as		\boxtimes		
13. Are hazardous materials/waste stora	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormw	rater training?	\boxtimes		

Comments (attach any necessary photos):



***Compliant (C)

Noncompliant (NC)

Non-applicable (N/A)

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 p	processes exposed to rain?			\boxtimes
Inspection Checklist				
Good Housekeeping				
Inspection Item		C		NC
 Site is free from litter and debris? 		\boxtimes		
2. Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls ar spills?	e inspected and free of debris and	\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clear	n and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	*	\boxtimes		
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes		
Does facility have materials or residual drain system, and/or local water ways		\boxtimes		
11. Does the facility have any apparent ID	DEs?	\boxtimes		
12. Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attach any necessary photos):



***Compliant (C)

Noncompliant (NC)

Non-applicable (N/A)

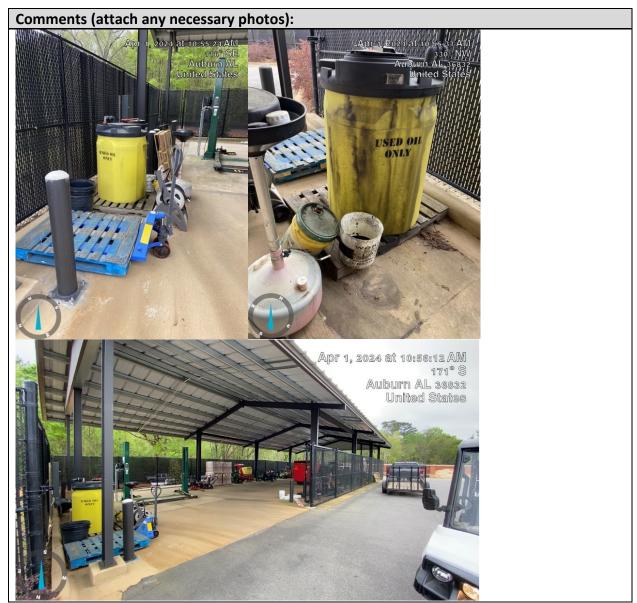
Facility Information				
Facility Name: Campus Recreation Facility				
Facility POC:	Phone Number: 3347401267			
Date of Inspection: 05JAN24	Inspectors: Mike Freeman			
Site Evaluation		Yes		No
Does facility have potential pollutants or p	processes exposed to rain?			\boxtimes
Inspection Checklist				
Good Housekeeping				
Inspection Item		С	\perp	NC
 Site is free from litter and debris? 		\boxtimes		
2. Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?				\boxtimes
5. Storm drainage system and outfalls are inspected and free of debris and spills?				
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clear	n and in good working order?			\boxtimes
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	*			\boxtimes
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_			\boxtimes
If facility has outdoor storage, spill kits personnel are aware of spill procedure				\boxtimes
Does facility have materials or residual drain system, and/or local water ways	_	\boxtimes		
11. Does the facility have any apparent ID	DEs?	\boxtimes		
12. Are hazardous materials/waste stored distanced from storm drain system an				\boxtimes
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

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?				\boxtimes
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
2. Are designated waste receptacles prop	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clear	n and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_	\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes		
Does facility have materials or residua drain system, and/or local water ways	_	\boxtimes		
11. Does the facility have any apparent ID	DEs?	\boxtimes		
12. Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13. Are hazardous materials/waste storag	ge areas properly labeled?	\boxtimes		
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility	Information				
Facility I	Name: Sportsplex				
Facility I	POC:	Phone Number:			
Date of	Inspection: 05JAN24	Inspectors: Mike Freeman			
Site Eva	aluation		Yes		No
Does fa	cility have potential pollutants or p	processes exposed to rain?			\boxtimes
Inspect	ion Checklist				
	ousekeeping				
Inspecti			С		NC
1.	Site is free from litter and debris?		\boxtimes		
2.	Are designated waste receptacles pro	perly used?	\boxtimes		
3.	Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4.	Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes			
Pollutio	n Prevention		С	NC	N/A
6.	Is exposed equipment/processes clear	n and in good working order?	\boxtimes		
	If the facility stores materials or products intended for outdoor use), is prevent discharging?	·	\boxtimes		
	If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	G	\boxtimes		
9.	If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes		
	Does facility have materials or residua drain system, and/or local water ways		\boxtimes		
11.	Does the facility have any apparent ID	DEs?	\boxtimes		
	Are hazardous materials/waste stored distanced from storm drain system an				\boxtimes
13.	Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environ	mental Training				_
14.	Has the Facility POC received Stormwa	ater training?			\boxtimes



Noncompliant (NC)

Non-applicable (N/A)

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 p	rocesses exposed to rain?	\boxtimes		
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
2. Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clear	n and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	*	\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_	\boxtimes		
 If facility has outdoor storage, spill kits personnel are aware of spill procedure 		\boxtimes		
Does facility have materials or residual drain system, and/or local water ways	_	\boxtimes		
11. Does the facility have any apparent ID	DEs?	\boxtimes		
12. Are hazardous materials/waste stored distanced from storm drain system an				\boxtimes
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

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?		\boxtimes		
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_	\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes		
Does facility have materials or residual drain system, and/or local water ways		\boxtimes		
11. Does the facility have any apparent ID	DEs?	\boxtimes		
12. Are hazardous materials/waste stored distanced from storm drain system an				\boxtimes
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

	Information					
Facility	Name: Chilled Water Plant I					
Facility	POC:	Phone Number: 3347401267				
Date of	Inspection: 06MAR24	Inspectors: Mike Freeman				
Site Eva	aluation		Yes		No	
Does fa	acility have potential pollutants or p	processes exposed to rain?			\boxtimes	
	tion Checklist					
	ousekeeping					
Inspecti			С		NC	
1.	Site is free from litter and debris?		\boxtimes			
2.	Are designated waste receptacles pro	perly used?	\boxtimes			
3.	Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes			
4.	Are BMPs in good working order?		\boxtimes			
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes				
Pollutio	n Prevention		С	NC	N/A	
	Is exposed equipment/processes clear	n and in good working order?	\boxtimes			
7.	If the facility stores materials or products intended for outdoor use), is prevent discharging?	·	\boxtimes			
8.	If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking)	_	\boxtimes			
9.	If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes			
10.	Does facility have materials or residuadrain system, and/or local water ways	•	\boxtimes			
11.	Does the facility have any apparent ID	DEs?	\boxtimes			
12.	Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes			
13.	Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes	
Environ	mental Training					
14.	Has the Facility POC received Stormwa	ater training?	\boxtimes			

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

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 p	rocesses exposed to rain?			\boxtimes	
Inspection Checklist					
Good Housekeeping					
Inspection Item		С		NC	
 Site is free from litter and debris? 		\boxtimes			
Are designated waste receptacles pro	perly used?	\boxtimes			
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes			
4. Are BMPs in good working order?		\boxtimes			
5. Storm drainage system and outfalls are inspected and free of debris and spills?					
Pollution Prevention		С	NC	N/A	
6. Is exposed equipment/processes clean and in good working order?		\boxtimes			
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	•	\boxtimes			
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_	\boxtimes			
9. If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes			
 Does facility have materials or residual drain system, and/or local water ways 	_	\boxtimes			
11. Does the facility have any apparent ID	DEs?	\boxtimes			
12. Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes			
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes	
Environmental Training					
14. Has the Facility POC received Stormwa	ater training?	\boxtimes			

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility	y Information				
Facility	Name: Chilled Water Plant III (Vet Scho	ool)			
Facility	ility POC: Phone Number: 3347401267				
Date of	Inspection: 06MAR24	Inspectors: Mike Freeman			
Site Ev	aluation		Yes		No
Does fa	acility have potential pollutants or p	processes exposed to rain?			\boxtimes
•	tion Checklist				
	lousekeeping				NC
	ion Item		С		NC
1.	Site is free from litter and debris?		\boxtimes		
2.	Are designated waste receptacles pro	perly used?	\boxtimes		
3.	Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4.	Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?					
Pollutio	on Prevention		С	NC	N/A
6.	Is exposed equipment/processes clear	n and in good working order?	\boxtimes		
7.	If the facility stores materials or products intended for outdoor use), is prevent discharging?	·	\boxtimes		
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes			
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		\boxtimes			
10.	Does facility have materials or residuadrain system, and/or local water ways		\boxtimes		
11.	Does the facility have any apparent ID	DEs?	\boxtimes		
12.	Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13.	Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Enviror	nmental Training				
14.	Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attack	h any necessary photos	s):	
***Compliant (C)	Noncompliant (NG)	Nan analisahla (NI/A)	
compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility Information				
Facility Name: District Energy Plant				
Facility POC:	Phone Number: 3347401267	Phone Number: 3347401267		
Date of Inspection: 04MAR24	Inspectors: Mike Freeman			
Site Evaluation		Yes		No
Does facility have potential pollutants or	processes exposed to rain?			\boxtimes
Inspection Checklist				
Good Housekeeping			1	
Inspection Item		С		NC
Site is free from litter and debris?		\boxtimes		
2. Are designated waste receptacles pr	operly used?	\boxtimes		
3. Are spills immediately cleaned up to	the extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clear	an and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storag (i.e. not open, deteriorating, or leaki	_	\boxtimes		
9. If facility has outdoor storage, spill ki personnel are aware of spill procedu		\boxtimes		
10. Does facility have materials or residudrain system, and/or local water way		\boxtimes		
11. Does the facility have any apparent I	DDEs?	\boxtimes		
12. Are hazardous materials/waste store distanced from storm drain system a		\boxtimes		
13. Are hazardous materials/waste stora	ge areas properly labeled?	\boxtimes		
Environmental Training				
14. Has the Facility POC received Stormy	vater training?	\boxtimes		

Comments (attac	h any necessary photos):
	SPCC and Stormwater Training provide through HSI online.
***Compliant (C)	Noncompliant (NC) Non-applicable (N/A)

Facility	Information				
Facility N	Name: Fleet Refueling Station				
Facility P	ty POC: Mark Carroll Phone Number: 3347401267				
Date of I	nspection: 03MAR24	Inspectors: Mike Freeman			
Site Eva	luation		Yes		No
Does fac	cility have potential pollutants or p	processes exposed to rain?			\boxtimes
Inspecti	on Checklist			•	
	ousekeeping		T		
Inspection			С		NC
1. 5	Site is free from litter and debris?		\boxtimes		
2. /	Are designated waste receptacles pro	perly used?	\boxtimes		
3. /	Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. /	Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes			
Pollution	Prevention		С	NC	N/A
6. Is exposed equipment/processes clean and in good working order?				\boxtimes	
F	f the facility stores materials or products intended for outdoor use), is prevent discharging?	·	\boxtimes		
	f facility has outdoor storage, storage i.e. not open, deteriorating, or leaking	_			\boxtimes
	f facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes		
	Does facility have materials or residua drain system, and/or local water ways	_	\boxtimes		
11. [Does the facility have any apparent ID	DEs?	\boxtimes		
	Are hazardous materials/waste storec distanced from storm drain system an				\boxtimes
13. /	Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environn	nental Training				_
14. H	Has the Facility POC received Stormwa	ater training?	\boxtimes		

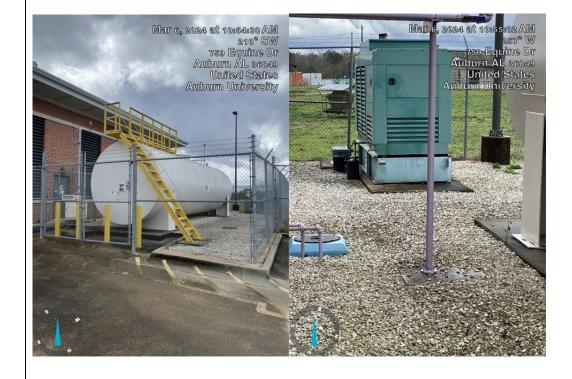
Comments (attack	n any necessary photos):
	Stormwater Training Provided online by HIS.
	Stormwater framing Frovided offine by file.
***Compliant (C)	Noncompliant (NC) Non-applicable (N/A)

Facility Information				
Facility Name: Hot Water Plant I				
Facility POC:	cility POC: Phone Number: 3347401267			
Date of Inspection: 06MAR24	Inspectors: Mike Freeman			
Site Evaluation		Yes		No
Does facility have potential pollutants or p	rocesses exposed to rain?			\boxtimes
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
2. Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?				
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clear	n and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_	\boxtimes		
 If facility has outdoor storage, spill kits personnel are aware of spill procedure 		\boxtimes		
Does facility have materials or residual drain system, and/or local water ways	_	\boxtimes		
11. Does the facility have any apparent ID	DEs?	\boxtimes		
12. Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13. Are hazardous materials/waste storag	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attack	h any necessary photos):
	Training provide by HSI (online)
	Training provide by 1131 (online)
***Compliant (C)	Noncompliant (NC) Non-applicable (N/A)

Facility Information				
Facility Name: Hot Water Plant II (Vet School)			
Facility POC:	Phone Number: 3347401267	Phone Number: 3347401267		
Date of Inspection: 06MAR24	Inspectors: Mike Freeman			
Site Evaluation		Yes		No
Does facility have potential pollutants or	processes exposed to rain?	\boxtimes		
Inspection Checklist				
Good Housekeeping				NC
Inspection Item		С		NC
Site is free from litter and debris?		\boxtimes		
Are designated waste receptacles pro	operly used?	\boxtimes		
3. Are spills immediately cleaned up to	the extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clea	an and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storag (i.e. not open, deteriorating, or leaking)		\boxtimes		
9. If facility has outdoor storage, spill ki personnel are aware of spill procedu		\boxtimes		
10. Does facility have materials or residudrain system, and/or local water way	<u> </u>	\boxtimes		
11. Does the facility have any apparent I	DDEs?	\boxtimes		
12. Are hazardous materials/waste store distanced from storm drain system a		\boxtimes		
13. Are hazardous materials/waste stora	ge areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormv	vater training?	\boxtimes		

Comments (attach any necessary photos):



***Compliant (C)

Noncompliant (NC)

Non-applicable (N/A)

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 p	processes exposed to rain?	\boxtimes		
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clean and in good working order?		\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_	\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure	· · ·	\boxtimes		
Does facility have materials or residual drain system, and/or local water ways		\boxtimes		
11. Does the facility have any apparent ID	DEs?	\boxtimes		
Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13. Are hazardous materials/waste storag	ge areas properly labeled?		\boxtimes	
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?	\boxtimes		

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)

Facility Information				
Facility Name: Materials Management				
Facility POC: Martin Arwood	Phone Number: 3347401267	Phone Number: 3347401267		
Date of Inspection: 03MAR24	Inspectors: Mike Freeman			
Site Evaluation		Yes		No
Does facility have potential pollutants or	processes exposed to rain?			\boxtimes
Inspection Checklist				
Good Housekeeping			T	N.C
Inspection Item		С		NC
 Site is free from litter and debris? 		\boxtimes		
Are designated waste receptacles pro	operly used?	\boxtimes		
3. Are spills immediately cleaned up to	the extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clea	an and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storag (i.e. not open, deteriorating, or leaking)	_	\boxtimes		
9. If facility has outdoor storage, spill ki personnel are aware of spill procedu		\boxtimes		
Does facility have materials or residu drain system, and/or local water way		\boxtimes		
11. Does the facility have any apparent I	DDEs?	\boxtimes		
12. Are hazardous materials/waste store distanced from storm drain system a		\boxtimes		
13. Are hazardous materials/waste stora	ge areas properly labeled?	\boxtimes		
Environmental Training				
14. Has the Facility POC received Stormw	vater training?	\boxtimes		

Comments (attach any necessary photos):
HSI Provides Online Training for Stormwater and SPCC through Facilities Training.
***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

In the second se					
Facility Information					
Facility Name: Satellite Steam	Plant				
Facility POC: Phone Number: 3347401267					
Date of Inspection: 06MAR24	Date of Inspection: 06MAR24				
Site Evaluation			Yes		No
Does facility have potential	pollutants or p	processes exposed to rain?			\boxtimes
Inspection Checklist					
Good Housekeeping					
Inspection Item			С		NC
1. Site is free from litter	and debris?				
2. Are designated waste	receptacles pro	perly used?	\boxtimes		
3. Are spills immediately	cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good wor	king order?		\boxtimes		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes			
Pollution Prevention		С	NC	N/A	
6. Is exposed equipment/processes clean and in good working order?		\boxtimes			
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		\boxtimes			
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes			
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		\boxtimes			
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		\boxtimes			
11. Does the facility have any apparent IDDEs?		\boxtimes			
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		\boxtimes			
13. Are hazardous materials/waste storage areas properly labeled?				\boxtimes	
Environmental Training					
14. Has the Facility POC received Stormwater training?		\boxtimes			

Comments (attach	any necessary photos):				
	Training provided online by HSI.				
***Compliant (C)	Noncompliant (NC) Non-applicable (N/A)				

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		С		NC	
 Site is free from litter and debris? 					
Are designated waste receptacles pro	operly 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			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 (attack	n any necessary photos	5):	
Stormwater and S	SPCC Training provided	Online by HSI	
***Compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility Information					
Facility Name: Laydown Yard (Back 40)					
Facility POC:	Phone Number: 3347401267				
Date of Inspection: 03MAR24	Date of Inspection: 03MAR24				
Site Evaluation				No	
Does facility have potential pollutants or	processes exposed to rain?	\boxtimes			
Inspection Checklist					
Good Housekeeping				NC	
Inspection Item 1. Site is free from litter and debris?		С		NC	
Site is free from litter and debris?				\boxtimes	
2. Are designated waste receptacles pr	operly used?	\boxtimes			
3. Are spills immediately cleaned up to	the extent that only stains remain?	\boxtimes			
4. Are BMPs in good working order?		\boxtimes			
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes			
Pollution Prevention			NC	N/A	
6. Is exposed equipment/processes clean and in good working order?		\boxtimes			
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		\boxtimes			
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes			
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?		\boxtimes			
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		\boxtimes			
11. Does the facility have any apparent IDDEs?		\boxtimes			
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?		\boxtimes			
13. Are hazardous materials/waste storage areas properly labeled?		\boxtimes			
Environmental Training					
14. Has the Facility POC received Stormwater training?		\boxtimes			

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.

Noncompliant (NC)

Non-applicable (N/A)

^{***}Compliant (C)

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 p	processes exposed to rain?	\boxtimes				
Inspection Checklist						
Good Housekeeping			<u> </u>			
Inspection Item		С		NC		
 Site is free from litter and debris? 				\boxtimes		
2. Are designated waste receptacles pro	perly used?			\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes				
4. Are BMPs in good working order?		\boxtimes				
5. Storm drainage system and outfalls are inspected and free of debris and spills?		\boxtimes				
Pollution Prevention		С	NC	N/A		
6. Is exposed equipment/processes clean and in good working order?		\boxtimes				
7. If the facility stores materials or products outdoors (except final products intended for outdoor use), is there is appropriate coverage to prevent discharging?		\boxtimes				
8. If facility has outdoor storage, storage container is in good condition (i.e. not open, deteriorating, or leaking)?		\boxtimes				
9. If facility has outdoor storage, spill kits/equipment are onsite and personnel are aware of spill procedures?				\boxtimes		
10. Does facility have materials or residuals on the ground, in the storm drain system, and/or local water ways?		\boxtimes				
11. Does the facility have any apparent IDDEs?				\boxtimes		
12. Are hazardous materials/waste stored on or within containment and distanced from storm drain system and/or local waterways?				\boxtimes		
13. Are hazardous materials/waste storage areas properly labeled?				\boxtimes		
Environmental Training						
14. Has the Facility POC received Stormwater training?				\boxtimes		

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)

Facility Information				
Facility Name: Environmental Health and Saf	ety 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?			\boxtimes
Inspection Checklist				
Good Housekeeping				NC
Inspection Item		С		NC
Site is free from litter and debris?		\boxtimes		
2. Are designated waste receptacles pr	operly used?	\boxtimes		
3. Are spills immediately cleaned up to	the extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
5. Storm drainage system and outfalls a spills?	are inspected and free of debris and			
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes cle	an and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking)	_	\boxtimes		
9. If facility has outdoor storage, spill keep personnel are aware of spill procedu		\boxtimes		
10. Does facility have materials or residudrain system, and/or local water way			\boxtimes	
11. Does the facility have any apparent I	DDEs?			
12. Are hazardous materials/waste store distanced from storm drain system a		\boxtimes		
13. Are hazardous materials/waste stora	age areas properly labeled?	\boxtimes		
Environmental Training				
14. Has the Facility POC received Stormy	vater training?	\boxtimes		

Comments (attach	n any necessary photos	s):	
***Compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility	/ Information				
Facility	Name: Environmental Health and Safe	ty II			
Facility	POC: Tom Hodges	Phone Number: 334-703-7511			
Date of	Inspection: 10/25/2023	Inspectors: Mike Freeman			
Site Ev	aluation		Yes		No
Does fa	acility have potential pollutants or p	processes exposed to rain?			\boxtimes
•	tion Checklist				
	lousekeeping				
	ion Item		С	\rightarrow	NC
1.	Site is free from litter and debris?		\boxtimes		
2.	Are designated waste receptacles pro	perly used?	\boxtimes		
3.	Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4.	Are BMPs in good working order?		\boxtimes		
5.	Storm drainage system and outfalls ar spills?	e inspected and free of debris and			
Pollutio	on Prevention		С	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.	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 kit personnel are aware of spill procedure		\boxtimes		
10.	Does facility have materials or residual drain system, and/or local water ways			\boxtimes	
11.	Does the facility have any apparent ID	DEs?			
12.	Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13.	Are hazardous materials/waste storag	ge areas properly labeled?	\boxtimes		
Enviror	nmental Training				
14.	Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attach	n any necessary photos	s):	
***Compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility	y Information				
Facility	Name: Environmental Health and Safe	ty III			
Facility	POC: Tom Hodges	Phone Number: 334-703-7511			
Date of	Inspection: 10/25/2023	Inspectors: Mike Freeman			
Site Ev	aluation		Yes		No
Does fa	acility have potential pollutants or p	processes exposed to rain?			\boxtimes
_	tion Checklist				
	lousekeeping				
	ion Item		С	\rightarrow	NC
1.	Site is free from litter and debris?		\boxtimes		
2.	Are designated waste receptacles pro	perly used?	\boxtimes		
3.	Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4.	Are BMPs in good working order?		\boxtimes		
5.	Storm drainage system and outfalls ar spills?	e inspected and free of debris and			
Pollutio	on Prevention		С	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.	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 kit personnel are aware of spill procedure		\boxtimes		
10.	Does facility have materials or residual drain system, and/or local water ways			\boxtimes	
11.	Does the facility have any apparent ID	DEs?			
12.	Are hazardous materials/waste stored distanced from storm drain system an		\boxtimes		
13.	Are hazardous materials/waste storag	ge areas properly labeled?	\boxtimes		
Environ	nmental Training				
14.	Has the Facility POC received Stormwa	ater training?	\boxtimes		

Comments (attach	n any necessary photos	s):	
***Compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility Information				
Facility Name: Pathological Waste Incinerato	r			
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?			\boxtimes
Inspection Checklist				
Good Housekeeping				
Inspection Item		С		NC
Site is free from litter and debris?		\boxtimes		
Are designated waste receptacles pro	operly used?	\boxtimes		
3. Are spills immediately cleaned up to	the extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
Storm drainage system and outfalls a spills?	re inspected and free of debris and			
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clea	an and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), prevent discharging?	• •	\boxtimes		
8. If facility has outdoor storage, storag (i.e. not open, deteriorating, or leaking)	_	\boxtimes		
If facility has outdoor storage, spill ki personnel are aware of spill procedu		\boxtimes		
10. Does facility have materials or residu drain system, and/or local water way	_		\boxtimes	
11. Does the facility have any apparent I	DDEs?			
12. Are hazardous materials/waste store distanced from storm drain system a		\boxtimes		
13. Are hazardous materials/waste stora	ge areas properly labeled?	\boxtimes		
Environmental Training				
14. Has the Facility POC received Stormw	vater training?	\boxtimes		

Comments (attach	n any necessary photos	s):	
***Compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

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 p	processes exposed to rain?	\boxtimes		
Inspection Checklist				
Good Housekeeping				
Inspection Item		С	\perp	NC
 Site is free from litter and debris? 		\boxtimes		
Are designated waste receptacles pro	perly used?	\boxtimes		
3. Are spills immediately cleaned up to t	he extent that only stains remain?	\boxtimes		
4. Are BMPs in good working order?		\boxtimes		
Storm drainage system and outfalls ar spills?	e inspected and free of debris and	\boxtimes		
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clear	n and in good working order?	\boxtimes		
7. If the facility stores materials or products intended for outdoor use), is prevent discharging?	•	\boxtimes		
8. If facility has outdoor storage, storage (i.e. not open, deteriorating, or leaking	_	\boxtimes		
If facility has outdoor storage, spill kits personnel are aware of spill procedure		\boxtimes		
Does facility have materials or residual drain system, and/or local water ways		\boxtimes		
11. Does the facility have any apparent ID	DEs?	\boxtimes		
12. Are hazardous materials/waste stored distanced from storm drain system an				
13. Are hazardous materials/waste storag	e areas properly labeled?			\boxtimes
Environmental Training				
14. Has the Facility POC received Stormwa	ater training?			

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

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 Influen
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

	1			1		1
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	-		-		
ocation Description	Shug Jordan Pkwy					
Sample Date	Result (cfu/100mL)					
12-Apr-23	233					
9-May-23	300					
13-Jun-23	1100					

433

4100

133

100

67

133

433 267

467

7-Jul-23

10-Aug-23

19-Sep-23

11-Oct-23

7-Nov-23

5-Dec-23

8-Jan-24

7-Feb-24 13-Mar-24