

# MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) ANNUAL REPORT REPORTING PERIOD APRIL 1, 2024 – MARCH 31, 2025

Prepared by

# **AUBURN UNIVERSITY**

# STORM WATER MANAGEMENT COMMITTEE

Submitted May 2025

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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, 2024, through March 31, 2025, 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 2081 acres of contiguous property, 402 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

Stormwater 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.

# Earth Day Extravaganza (April 22, 2024)

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 welcomed approximately **1500 attendees** with a day of education, fun, and food focusing on the preservation of earth's resources including water resources through implementation of sustainable development goals.

### On-Campus Stormwater BMP Tours

Throughout the year, various groups internal and external to campus express interest in understanding how Auburn University is managing stormwater. Stormwater tours are offered by multiple groups on campus including but not limited to the Water Resource Center, College of Science and Mathematics' (COSAM) Arboretum, Facilities Management, Risk Management and Safety and the Office of Sustainability.

Who	When	Participants #'s
Earth Day Extravaganza Bike Tour	4-22-24	7
College of Education: English Foreign Lang	7-29-24	7
Sustainability 2000 Stormwater BMP Tour	9-24/25-24	40
COSAM - Geosciences	3-24-25	2

# Fort Benning Earth Day Celebration (April 25, 2024)

Auburn University, in partnership with Fort Benning participated in the annual Earth Day Celebration at Fort Benning. In addition to the many Fort Benning participants, Auburn University Risk Management and Safety, College of Forestry Wildlife and Environment and College of Engineering offered lessons of water protection and conservation to **five hundred thirty-seven (537)** children from various local schools and community groups.

# Low Impact Development StoryMap (2024)

In 2024, Auburn University Water Resource Center/Alabama Cooperative Extension System (AUWRC/ACES) led the development of an ArcGIS StoryMap, a tool that combines GIS data with information to create an interactive narrative. This project was a collaboration between AUWRC and Auburn University Facilities Management, aimed at increasing awareness about stormwater and Auburn University's efforts to manage it effectively. Multiple site visits were conducted by AUWRC staff to learn more about the Low Impact Development (LID) practices and capture updated photographs. After reviewing the LID handbook published by the Alabama Department of Environmental Management, Alabama Cooperative Extension System, and Auburn University, the information was integrated into the StoryMap. Titled "Making Stormwater Visible: Low Impact Development and Green Infrastructure Projects on Auburn University's Campus," The project which will be made available to the public after internal review required a solid understanding of LID principles to translate complex practices into accessible information, aligning with Extension's mission to provide community.





To view the StoryMap, scan the QR code or visit aub.ie/makingtormwatervisible

# Lee County Water Festival (May 7-9, 2024)

Fifty-four (54) volunteers and approximately one thousand one hundred (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.

# Municipal Wet Weather Stormwater (MS4) Conference (May 15-17, 2024)

Hosted by Auburn University, EPA Region 4 and the International Erosion Control Association, the annual Municipal Wet Weather Conference (MS\$) is recognized as a key stormwater conference. The conference was attended by **one hundred and sixty (160) individuals** from around the region. Industry-leading speakers covered a range of topics, including watersheds, erosion prevention, sediment control, green infrastructure, regulations, resiliency, stormwater standards, and post-construction BMP implementation, inspection, and maintenance. Representatives from state regulatory agencies participated in an acclaimed State Panel discussion. This year, the Auburn University Stormwater Research Facility offered Installer Training & Field Day, providing attendees with a comprehensive learning experience.

### Camp War Eagle (May-July 2024)



Every summer prior to the fall semester, Auburn University hosts Camp War Eagle (CWE) for incoming freshmen. Through CWE, students are provided with 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</u> Guide, which includes a section on "Saving Water" listing water

conservation and water quality practices a sustainable development goals. During this reporting period, Camp War Eagle hosted a total of thirteen thousand five hundred forty-three (13543) students and their guests.

# Watershed Clean-Up Efforts

Campus	Date	Target	Participation	Participants
Location				
PMC on Campus	4/5/24	Litter &	16	AU Staff &
		Debris		Students
Campus	4/18/24	Litter &	26	AU Staff &
		Debris		Students
Help the Hooch	10/4/24	Litter and	99	Fort Moore
		Debris		Soldiers, Staff &
				AU Staff
PMC on Campus	11/8/24	Litter and	70	AU Students &
		Debris		ALOAS Staff
PMC on Campus	12/12/24	Litter and	23	AU Faculty, Staff &
		Debris		Students
PMC at Veterans	2/28/25	Litter &	10	ALOAS Staff
Parkway, Auburn		Debris		
PMC on Campus	3/1/25	Litter &	76	AU Staff &
		Debris		Students





### 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

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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 28, 2024)

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 including 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 four hundred-sixteen (416)



**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 **two thousand (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 2024, 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 (40) 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 2024)

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.



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 reached maximum capacity of **three hundred seventy (370) attendees**.

# Fort Moore Help the Hooch (October 4, 2024)

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 **ninety-nine** (99) **volunteers** participated in the event to remove **1.05 tons of trash** from the Chattahoochee River.



### Alabama Stormwater Association (ASA) Virtual Seminar (November 30, 2024)

ASA hosted Dr. Ryan Winston of Ohio State
University to offer a virtual presentation entitled
"Maintaining Green Infrastructure". Dr.
Winston's presentation addresses the need for
proper maintenance as critical for the efficient
and effective function of all infrastructure,



including green infrastructure. The topic of maintenance is becoming more prevalent as

Alabama developers and communities move toward adopting natural materials and natural processes to deliver infrastructure services. Furthermore, despite the environmental and economic benefits of green infrastructure, operations and maintenance has been repeatedly raised as a technical barrier to the adoption of green infrastructure.

Auburn University continues to have representation on the ASA Board and helped to facilitate the webinar. The virtual webinar was attended by **thirty-five (35) stormwater professionals**.

# ALOAS Lunch and Learn (December 11, 2024)

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 11, 2024, ALOAS offered the community a lunch and learn session focusing on logging guidelines and proper erosion and sediment control BMP implementation during logging practices. The presentation was provided by Mr. Carey Potter of the Alabama Forestry Commission. The session was open to the public but targeted local contractors. The session was attended by **twenty-nine (29)** individuals.

# Native Plant Planting (February 21, 2025)

The Office of Sustainability and the College of Architecture,
Design and Construction provided an opportunity for landscape design students to plan, plant, and maintain the rain garden space outside Dudley Hall. Plants will be a combination of native grasses and forbs. In the introduction we talked about the rain garden function of slowing down water, and the



advantages of native plants – one thing being less irrigation needed. **Twenty-five (25) students** participated in this learning opportunity.

### Sustainability: Outdoor Movie (March 6, 2025)

Auburn University Office of Sustainability partnered with the Alabama Rivers Alliance (ARA) to bring their 2024 *Southern Exposure* films to Auburn's campus. These films, created as part of an annual 6-week summer fellowship program offered by ARA, showcase Alabama's biodiversity and the



people who work to protect it, as well as the state of environmental public health in Alabama. A variety of topics were covered by these films such as the pollution threat of PFAS in Alabama's drinking water, the importance of native plants, and the role of estuarine seagrass in Alabama's coastal ecology.

Prior to the film in the courtyard, informational tables staffed by representatives from ARA and the Auburn Water Resources Center/ Alabama Water Watch. These organizations shared the work that they do to protect Alabama's waterways throughout the state. There was also a build-your-own s'mores station staffed by Auburn Outdoors, an organization based out of the Auburn University Recreation and Wellness Center, as well as popcorn and hot drinks provided by the Office of Sustainability.

Additionally, there was an insightful and active Q&A session with ARA executive director Cindy Lowry following the film. Sixty (60) faculty, staff and students attended this outdoor movie.

### AU Climate Symposium: Creating a Healthier Environment for Everyone (March 25, 2025)

The Office of Sustainability and the College of Agriculture offered the 4th annual AU Climate Symposium for faculty, graduate students and stakeholders doing climate related research. The goal of the event was to share



# CLIMATE SYMPOSIUM 2025: CREATING A HEALTHY ENVIRONMENT FOR EVERYONE TUES. MARCH 25TH 9AM-1:30PM AUBURN UNIVERSITY Event designed to develop collaborations towards regional climate resilience. Features: Ightning presentations, stakeholder panel, and table discussions student research poster presentations keynote by the Hedgepeth, AL climate journalist and lots of Networking opportunities Register Free New by 3/10 Free registration required by March 10th

and communicate climate research to promote future collaboration. The Symposium brought together experts, researchers, and students to discuss environmental sustainability and climate resilience. The event featured lightning talks, stakeholder panels, research poster sessions, and a keynote address from climate journalist Lee Hedgepeth. **One hundred sixty (160)** attendees engaged in insightful discussions on innovative solutions for a healthier environment.

# Beyond the Farm (March 26, 2025)

The College of Agriculture offered a learning and networking opportunity to engage in the many AG opportunities and clubs available at AU. The goal of *Beyond the Farm* is to elevate awareness of agriculture's vital role across Auburn's campus. The College of Agriculture offers multiple disciplines that address natural resource conservation to include water protection. More than 25 clubs and departments joined forces to showcase how agriculture directly influences our students' health and daily lives." The event was attended by 500 individuals.



# 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 **eighteen thousand three hundred fourteen (18314) 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 Center</u>. Led by Acting Director, Mona Dominquez, the goal of the AWRC 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.

A keystone program of the AUWRC Alabama Water Watch (AWW). The program receives support from the Alabama Agriculture Experiment Station, Alabama Cooperative Extension System as well as external funding to provide these services to the public. AWW mission is to improve water quality and water policy through citizen monitoring and action. With a "data-to-action" focus, AWW engages citizens in collecting, analyzing, and understanding their water monitoring data to make positive impacts.

See the amazing impact AWRC and AWW made in 2024

2024 AUWRC Annual Report

2024 AWW Annual Report

# Measure Specific Evaluation

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

# Measure specific activities planned for the next reporting period

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

- 1. Continue to sponsor and collaborate with shareholders for multiple watershed clean up events.
- 2. Participate with ALOAS partners to offer the annual Lee County Water Festival (May 6-7, 2025).
- 3. Continue to have active ASA Board membership to assist in the development and delivery of multiple learning opportunities.
- 4. Continue to foster the partnership with ALOAS by meeting quarterly to communicate local storm water challenges, opportunities, and community concerns.
- 5. Continue to promote local, national, and global sustainability initiatives to include storm water management best management practices.

# **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-24-25

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.
- Online stormwater training was provided to operational personnel that included illicit
  discharge detection and elimination elements. During this reporting period, training was
  provided for one hundred sixteen (116) individuals.
- 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 final report was published in November 2024 and identifies problem areas, support repeatable documentation to assess on-going or future remediation measures and will serve as a powerful education tool for both resource managers and research initiatives.
- Transient elevated e-coli concentrations and construction related runoff continued to be
  detected during this during this reporting period. AU Facilities Management maintains a
  current map of all infrastructure and is instrumental in recognizing and aiding in the
  investigation of these 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 the community's level of awareness of pollution prevention.
- Evaluate the HDSS data collected this reporting period and determine opportunities for improvement and/or future initiatives.
- Explore opportunities to improve stream corridor and infrastructure condition as needed through continual investigation.
- Continue partnership with Alabama Water
   Watch to regular monitor from the watershed
   to identify potential illicit discharge conditions.



# **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 five (5) qualifying construction sites were managed on campus that required storm water protection measures to be implemented and maintained. Details specific to these five (5) sites and three (3) other AU projects located off campus to include the number of inspections, number of complaint notices and number of runoff 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.

- Continued to maintain and perform periodic review of Construction Front End documents including Notice of Land Disturbance and Notice of Intent to Close Permit.
- Continued scheduled consultation with Facilities Management Construction
   Management and routine inspection of all sites to evaluate the implementation of each
   site's specific Construction Best Management Practices Plan (CBMPP) and aid in
   addressing any observed declining performance.
- Annual training events offered to include in-house and ALOAS sponsored for contractors and employees to promote responsibilities and for positive informational exchange.

# 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 to AU Project Managers and Design Engineers.
- 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 list of projects reviewed in this reporting year are found below:

		Stormwater Best Management Practices (BMPs)					
Project No.	Project Name	Detention or Retention	Subsurface Detention	Bioretention	Pervious Paving	Green Roof	Stream Restoration
22-213	Gogue Performing Arts Center Studio Theatre and Amphitheatre Build-Out	Yes	No	No	No	No	No
23-466	Auburn University Event Center- Addition	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 the table. 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**).



Rain Garden (College of Education- AU Project # 18-538)

# Green Infrastructure Research Highlight

The Green Infrastructure Lab at Auburn is an interdisciplinary lab that seeks natural solutions to environmental challenges presented by built environments. The main purpose of the lab is to develop design models for standard stormwater control measures that can be used to meet specific effluent temperature standards and to maintain the required thermal regime in a receiving stream. This project engages controlled laboratory tests to assess low impact development (LID) stormwater control measures to reduce the impact of the thermal characteristics of stormwater runoff. The laboratory provides environmental control and is designed for both wet and dry research. All faculty researchers are members of the AU Green



Infrastructure Lab Team.
Current research led by Dr.
David Blersch, associate
professor of ecological
engineering within the College of
Agriculture's Department of
Biosystems Engineering,
focuses on the use of
filamentous algae to remove
pollutants such as nitrogen and
phosphorus from wastewater

and then reusing the source of farmed algae as feedstock for other reuse products such as soil fertilizer or a source of bioplastics. In addition, Dr. Blersch' research also seeks to address wastewater challenges faced by the poultry industry. This Green Lab research explores natural systems such as wetlands ecosystems to remove pollutants commonly generated by this growing industry. A link to the most recent article highlighting this exciting research below.

Green Infrastructure Lab seeks solutions to reuse wastewater

# 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 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:

- Continue to advise University Design Leads on the Design Standards required for future University projects.
- 2. Continue collaboration with the Stormwater Committee to improve the promotion of post construction green infrastructure BMPs.
- 3. Continue to highlight research advancements as available.
- 4. Continue to perform and document annual post construction BMP inspections utilizing the AiM Work Management application used by Facilities Management.
- 5. Continue to maintain an updated inventory of storm water BMPs.

# **BMP: Pollution Prevention / Good Housekeeping**

# Street, Pedestrian Surfaces, Parking Lot, Parking Deck Cleaning Program

Facility Management's Landscape Services utilizes street sweepers daily to address the removal of accumulated debris **two hundred sixty-four (264 yd** <sup>3</sup>) 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 remove 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 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 them with native species have further enhanced Parkerson Mill Creek. Throughout this reporting period, Landscape Services calculated the removal of approximately **nine hundred fifty-six** (956 yd ³) of leaves were harvested and **two hundred eighty-three** (283 yd) of limb debris were removed.

### **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 landfilled. The university diverted 27% of waste collected from disposal at a landfill (FY24). The waste diverted included paper, cardboard, plastic containers, aluminum cans, steel cans, metals, toner cartridges, and construction and demolition debris.

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, Collegiate Recycling Challenges, Plastics Free July, and community partnerships, such as the East Alabama Recycling Partnership.

In partnership with Coca-Cola and Atlas RVM Systems, four (4) reverse vending machines (RVM) on campus were installed which collected



11,461 bottles and cans for recycling during this compliance period.

# 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	Number of Inspections	Volume of SPCC
containers		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 2094 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, 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 4027 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 is 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 12375 individual containers of hazardous waste, 22548 Lbs. of medical waste and 276804 Lbs. of pathological waste.

### **Municipal Facility Inspection Program:**

During this reporting period, AU followed the Standard Operating Procedures (SOP) for performing municipal facility inspections at various facilities located on main campus. Each facility is responsible for maintaining their respective areas and improving conditions as identified. Annual inspections at these facilities include the assessment of facility activities including 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 waste, 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 regular monitoring effort for this reporting period are contained in (**Appendix H**) of this Annual Report.

# **Appendix A**

**Stormwater Management Program Plan** 

April 1, 2024, through March 31, 2025



# STORM WATER MANAGEMENT PROGRAM PLAN

Prepared by

# AUBURN UNIVERSITY RISK MANAGEMENT & SAFETY

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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 2081 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 2025

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:

- 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 medial platforms.

### **Responsible Parties**

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

### 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.
- 5. Documented attendance to regular local, State and regional association meetings and/or programs.
- 6. Continued attendance, partnership, or participation in Alabama Water Watch monitoring workshops.

### 2.2 Illicit Discharge Detection and Elimination

Per the Permit, an Illicit discharge is defined at 40 CFR Part 122.26(b)(2) and refers to "any discharge to an MS4 (municipal separate storm sewer system) that is not composed entirely of storm water ..." Exceptions include NPDES permitted discharges and discharges resulting from fire-fighting activities. Some examples of illicit discharges include sanitary wastewater, effluent from septic tanks, car wash wastewaters, improper oil disposal, and radiator flushing disposal, laundry wastewaters, construction site runoff, spills from roadway accidents, and swimming pool discharges (that have not been dechlorinated). 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 31<sup>st</sup> each year.
- 2. Promote illicit discharge detection and elimination program/elements at a minimum of four training/educational efforts.
- 3. Continue bacteriological monitoring to identify possible sources of impairment.
- 4. Perform and document annual dry weather screening/outfall inspections. Evaluate all outfalls to PMC during each reporting cycle.
- 5. Continue to investigate and prioritize repair or replacement of suspect infrastructure.
- 6. Evaluate IDDE Standard Operating Procedure (SOP).

## Auburn University Illicit Discharge Detection and Elimination Standard Operating Procedure

1. Purpose of Standard Operating Procedure:

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

- B. To prevent the discharge of contaminated storm water runoff from Auburn University properties and operations into the storm drainage system and Parkerson Mill Creek.
- C. To comply with the requirements of Auburn University storm water permit.
- D. To comply with all United States Environmental Protection Agency and State laws applicable to storm water discharges.

### 2. Definitions

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

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

### 3. Illicit Discharges

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

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

### 4. Illicit Connections

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

### 5. Allowed Discharges

The following discharges to the storm drainage system are allowed:

- A. Discharges that are specifically permitted under a State or federal stormwater program.
- B. Incidental non-storm water discharges which do not significantly contribute to the pollution of Auburn University surface waters and are limited to the following:

- Water line flushing
- Reclaimed water line flushing
- Landscape irrigation, including but not limited to reclaimed water
- Diverted stream flows
- Rising groundwater
- Uncontaminated groundwater infiltration
- Uncontaminated pumped groundwater
- Discharges from potable water sources
- Foundation drains
- Air conditioning condensate (that does not contain biocide)
- Springs
- Water from crawl space pumps
- Footing drains
- Flows from riparian buffers and wetlands
- De-chlorinated swimming pool discharges
- Flows from emergency firefighting
- Building wash water without detergents, cleaners, or corrosive additives.
- C. If Auburn University determines that any of the above discharges contribute to pollution of campus streams or other surface waters or is notified by a State or federal government agency, such as the Alabama Department of Environmental Management, that the discharge must cease, Auburn University will instruct the responsible person to cease the discharge.
- D. When instructed to cease the discharge, the discharger of substances newly classified as pollutants shall cease the discharge immediately and be given reasonable time to make corrections so that the discharge will not continue.
- E. Nothing in this SOP shall affect a discharger's responsibilities under federal or State law.
- 6. Enforcement and Penalties

A. The Policy on Stormwater Management Compliance serves as the regulatory mechanism to prohibit activities on University land that would be non-complaint with either Permit or the Stormwater Management program. In the event of non-compliant activity by an organizational unit of the University, the appropriate

chain of command will be notified to bring the activity back into compliance. 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.

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

### **Measurable Outcomes and Evaluation**

- 1. Perform in-house construction site inspections monthly and in general accordance with Contractor's 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

- 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. All discharges will cease upon discovery as possible. 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.

### **MS4 Municipal Facility Inspection SOP:**

### 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	Street	Road	Waste
Washing	Sweeping	Maintenance	Management
Vegetation	Fleet	External	Material Storage
Control	Maintenance	Building	
		Maintenance	

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

### **Inventory of Municipal Facilities**

Athletics
Plainsman Park
Jordan Hare Stadium
Soccer Complex
Jane B. Moore Softball Complex
Hutsell Rosen Track
Auburn Arena
Watson Field House
Football Performance Facility (under
construction)
Risk Management & Safety
Environmental Health & Safety I
Environmental Health & Safety II
Environmental Health & Safety III
Pathological Waste Incinerator

CD: Campus Dining

CR: Campus Recreation

GL: Greek Life

### **MS4** Municipal Facility Inspection:

	ty Information				
Facility	Name:				
Facility	POC:	Phone Number:			
Date o	f Inspection:	Inspectors:			
Site E	valuation		Yes		No
Does	facility have potential pollutants o	r processes exposed to rain?			
	ction Checklist				
	Housekeeping				NO
	tion Item Is site free from litter and debris?		С		NC
1.	is site free from litter and debris?				
2.	Are designated waste receptacles pro	perly used?			
3.	Are spills immediately cleaned up to t	he extent that only stains remain?			
4.	Are BMPs in good working order?				
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 clear	n and in good working order?			
7.	If the facility stores materials or products intended for outdoor use), is prevent discharging?	•			
8.	If facility has outdoor storage, storage (i.e., not open, deteriorating, or leaking)	_			
9.	If facility has outdoor storage, spill kits personnel are aware of spill procedure				
10.	Does facility have materials or residual drain system, and/or local water ways	<u>-</u>			
11.	Does the facility have any apparent ID	DEs?			

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?		

### **Measurable Outcomes & Evaluation:**

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

### **Responsible Department:**

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

### Spill Prevention Control and Countermeasure (SPCC) Program

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

### **Measurable Outcomes and Evaluation:**

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

4. Document the annual volume of used oil managed by AU.

### **Responsible Department:**

AU RMS & Facilities Management

### **Monitoring Plan for Pathogen Impairment**

In accordance with Part V of the Permit, AU will continue to evaluate Parkerson Mill Creek (PMC) Watershed for its pathogen impairment. PMC is in Lee County; the watershed is part of the Chewacla Watershed, in the lower Tallapoosa River Basin. The 9.3 square mile (5,981 acres) watershed contains 21,000 meters (68,500 ft.) of main stem perennial stream and approximately 86,000 meters (282,152 ft.) of tributary stream length. The stream network empties into Chewacla Creek, just south of the H.C. Morgan Water Pollution Control Facility. The watershed includes the City of Auburn, Auburn University and the surrounding areas. The headwaters of PMC are approximately 3,000 meters (9,845.5 ft.) in length and are located on the campus of Auburn University. In 2007, ADEM listed PMC as impaired on Alabama's 303(d) List of Impaired Waters for pathogens from point source and non-point sources, primarily urban runoff and storm sewer connections. As such, AU regularly monitors PMC by performing bacteriological analysis through the AU Water Resource Center's Alabama Water Watch (AWW) program. The results of the monitoring effort will be reported with the submission of the annual report. Collaboration with the City of Auburn will continue as both entities contain and have influence on this watershed.

### **REVIEW AND UPDATING SWMPP**

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

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

### The reports consist of:

- Compliance status including:
  - Assessment of the appropriateness of the BMPs
  - Progress towards achieving statutory goals of reducing the discharge of pollutants and protecting water quality.
  - Measurable goals for each of the minimum control measures
- Results of information collected and analyzed, if any, during the reporting period.
- Any changes made to the SWMPP since the last annual report and a summary of the storm water activities AU plans to initiate during the next reporting cycle.
- Proposed changes to the SWMPP
- Description and schedule for implementation of additional BMPs that may be necessary based on monitoring results.
- Monitoring data

Annual reports are signed by the Stormwater Executive Committee and facilitated by Risk Management and Safety.

## **Appendix B**

**Policy on Storm Water Management Compliance** 

April 1, 2024, through March 31, 2025

### 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

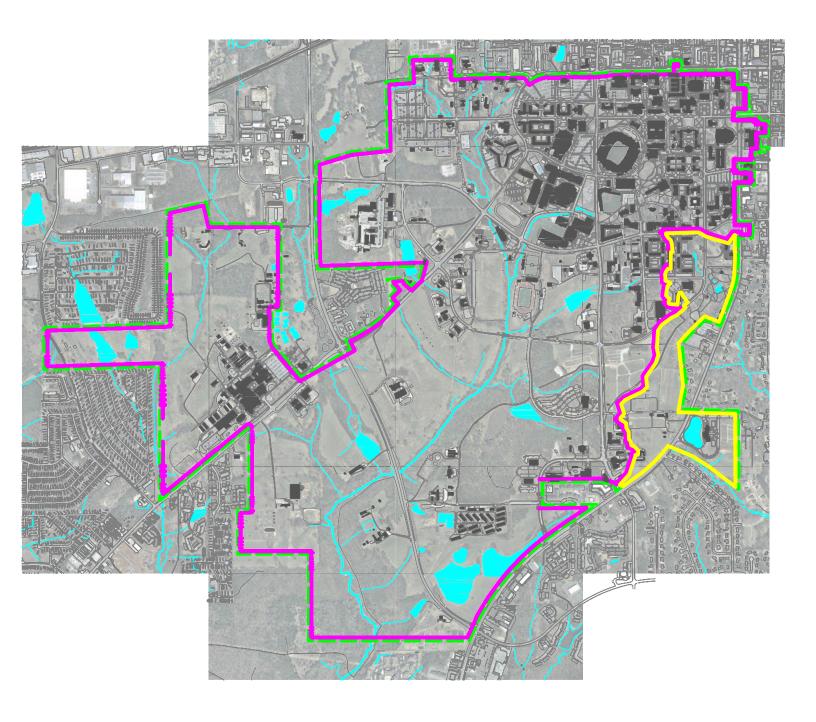
This policy applies to the Auburn University main campus. All other University Land is exempt.

### X <u>INTERPRETATION</u>

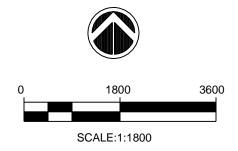
The Responsible Officer is authorized to interpret questions and issues regarding the requirements and applicability of this policy.

**ADOPTED: June 15, 2016** 

## **APPENDIX1**







### **LEGEND**



## **Appendix C**

Illicit Discharge Detection & Elimination

**Outfall Reconnaissance Inventory (ORI) Field Sheets** 

April 1, 2024, through March 31, 2025

### Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Back	ground Data							
	me			Outfall l	ID: SW	N04-0	9	
Today's date:	219/24			Time (N	(filitary):	0930 hrs		
Investigators:				Form co	ompleted by:	MIKE	FIZEEN	MAN
Temperature (°F):	440	Rainf	all (in.): Last 24 hours:	Ø Las	st 48 hours:	Ø		
Latitude: N 32 3	6 11.73 I	ongitude:	N80° 29" 32.4	GPS Un	it:		GPS LMK #	f:
Camera:				Photo #:	S:			
Land Use in Draina	age Area (Check all that a	apply):						
☐ Industrial				Oper	n Space			
Ultra-Urban Re	esidential			<b>M</b> Insti	tutional			
Suburban Resid	dential			Other: _				
☐ Commercial				Known	Industries:			
Notes (e.g., origin	of outfall, if known):							
Section 2: Outfa							(22.1)	
LOCATION			SHA	_		DIMENSIO		SUBMERGED
		☐ CMP	☐ Circular	Single		Diameter/Dimensi		In Water:
	□ PVC	☐ HDPE	Eliptical	Double		ILKIN		Partially Fully
Closed Pipe	☐ Steel		☐ Box	Triple				With Sediment:
	Other:		☐ Other:	Other:				☐ No
								Fully
	☐ Concrete					Donath		
_	☐ Earthen		Trapezoid			Depth:		
Open drainage	☐ rip-гар		☐ Parabolic			Top Width:		
	☐ Other:		Other:			Bottom Width:		
☐ In-Stream	(applicable when	n collecting	samples)		G K E			VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Flow Present?	Yes	□ No		p to Section	5			
Flow Description (If present)	☐ Trickle	Moderate		NNu	<u> </u>			
	ntitative Characteri	zation	,,,	7010 0	<u>-~</u>			
Section 5. Quan	ititative Characteri	Zation	FIELD DATA FOR FI	LOWING (	OUTFALLS		- 1	- K
PA	RAMETER		RESULT			INIT	E	QUIPMENT
	Volume				1	Liter		Bottle
□Flow#1	Time to fill					Sec		
	Flow depth					In	Т	ape measure
□Flow #2	Flow width		,		F	t, In	Т	ape measure
	Measured length		" "		F	t, In	Т	ape measure
	Time of travel					S		Stop watch
Te	emperature					°F	7	Thermometer
	рН				pН	Units	Te	est strip/Probe
1	Ammonia				r	ng/L		Test strip

# Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \( \Brightarrow \text{V}_{\text{cs}} \)	licators for Flo	wing Outfall flow? □yes	l <b>s Only</b> □No	(If No,	(If No, Skip to Section 5)			
INDICATOR	CHECK if Present			DESCRIPTION		R	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	Rancid/so	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	ı/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?	licators for Bot that are not rela	th Flowing an	nd Non-Flow resent?	owing Outfalls	(H No, Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	ys.
Outfall Damage			Spalling, Corrosion	Spalling, Cracking or Chipping Corrosion	ping   Peeling Paint			
Deposits/Stains			Doily D	Flow Line	□Paint □ Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality			Odors	☐ Colors ☐ Excessive Algae	☐Floatables ☐ Oil Sheen Ilgae ☐ Other:	-		
Pipe benthic growth			☐ Brown	Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	fall Characteri	ization						
Unlikely	Potential (presence of two or more indicators)	ence of two o	r more indica	tors)	Suspect (one or more indicators with a severity of 3)	ndicators with a severity	of 3) 🔲 Obvious	
Section 7: Data Collection	tion							
1. Sample for the lab?			□ Yes	<b>SS</b> No				
2. If yes, collected from:			☐ Flow	☐ Pool				
3. Intermittent flow trap set?	set?		□ Yes	% □	If Yes, type: \$\square\$OBM\$	3M Caulk dam		

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

### Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Bac								
Subwatershed:	Pma	2			Outfall ID: 5	W NO4	E-11	
Today's date: \	2191	124			Time (Military):			
Investigators: A	ILE	FIZEZ MAN	J		Form completed			
Temperature (°F)	: 40	t°	Rainfa	fall (in.): Last 24 hours:	Last 48 hou	rs: 💋		
Latitude: N32°	36	11.34"	Longitude: N	185° 29' - 50.52	GPS Unit:	,	GPS LMK #	
Camera:					Photo #s:			
Land Use in Drai	inage Are	ea (Check all tha	t apply):					
☐ Industrial					Open Space			
Ultra-Urban R	Residenti	al			Institutional			
☐ Suburban Res	sidential				Other:			
Commercial					Known Industrie	s:		
Notes (e.g., origin	n of outf	all, if known):						
	047	TFACC -	> UTILL	MY BARN	EXTENSI	on cao?		
Section 2: Out	fall De	escription						
LOCATIOI		MATE	RIAL	SH	APE	DIMENSIO	NS (IN.)	SUBMERGED
		<b>₹</b> PRCP	□ СМР	<b>Æ</b> ircular	Single	Diameter/Dimen	sions:	In Water:
		□ PVC	☐ HDPE	☐ Eliptical	Double	24"		No Partially
Closed Pipe		☐ Steel	_	Вох	☐ Triple			☐ Fully
الم		Other:		Other:	☐ Other:			With Sediment:
								☐ Partially ☐ Fully
		Concrete						
		☐ Earthen		Trapezoid		Depth:		
Open drainage	e	☐ rip-rap		☐ Parabolic		Top Width:	_	
				Other:		Bottom Width: _		
		Other:						
☐ In-Stream Flow Present?		(applicable wh	en conecting	- 1	ip to Section 5			
Flow Present:					ф ю зесион з			
(If present)		Trickle	☐ Moderate	e Substantial				
Section 3: Qua	ntitati	ve Characte	rization					
				FIELD DATA FOR F	LOWING OUTFAL	LS		
P	ARAME	TER		RESULT		UNIT	EÇ	QUIPMENT
Flow#1		Volume				Liter		Bottle
		Time to fill				Sec		
		Flow depth				In	Ta	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
7	Гетрега	ture				°F		hermometer
	pН					pH Units	Tes	st strip/Probe
	Ammor	nia				mg/L		Test strin

# Outfall Reconnaissance Inventory Field Sheet

If yes, collected from:	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 sheen, suds, or floating sanitary materials)	ATIVE SEVERITY INDEX  2 - Easily detected  2 - Clearly visible in sample bottle  2 - Cloudy  2 - Some; indications of origin (e.g., possible suds or oil sheen)  COMMENT  COMMENT	1 - Faint   sample bottle     1 - Faint colors in sample bottle     1 - Slight cloudiness     1 - Slight cloudiness     1 - Few/slight; origin   not obvious	retroleum/gas  retroleum/gas  red	Owing O   Owing O	ewage	Turbidity  Color  Floatables  Present in the How Present  Color  Color  Turbidity  Floatables  Proces Not Include  Trashl!  Color Indicators that are not related to Indicator outfall Damage  Outfall Damage  Poor pool quality  Pripe benthic growth  Pripe benthic growth  Bection 6: Overall Outfall Characterization  Section 7: Data Collection  Section 7: Data Collection  The Sample for the lab?  Li Sample for the lab?  Li Sample for the lab?	INDICATOR  Odor  Color  Turbidity Floatables -Does Not Include Trash!!  Are physical indicators INDICATOR  Outfall Damage Deposits/Stains Abnormal Vegetation Pipe benthic growth Pipe benthic growth  Section 6: Overall Ou Pipe benthic growth  Section 7: Data Collect 1. Sample for the lab? 2. If yes, collected from 2. If yes, collected from
			RM Caulk dam	If Yes, type:	»N	☐ Yes	p set?	Intermittent flow trap set?
					SZ X	☐ Yes		Sample for the lab?
☐ Yes							ction	ction 7: Data Collec
ction			ndicators with a severity	Suspect (one or more in	ndicators)	of two or more i	Potential (presence	Unlikely
ential (presence of two or more indicators)   Suspect (one or more indicators with a severity of 3)						u	tfall Characterization	ction 6: Overall Ou
two or more indicators)   Suspect (one or more indicators with a severity of 3)   Yes						☐ Brown		Pipe benthic growth
two or more indicators) Suspect (one or more indicators with a severity of 3)			n			Odors Suds		Poor pool quality
Codors       □ Colors       □ Floatables       □ Oil Sheen         □ Brown       □ Orange       □ Green       □ Other:         'two or more indicators)       □ Suspect (one or more indicators with a severity of 3)       □         □ Yes       □ Yes						Exces		Abnormal Vegetation
Excessive   Inhibited     Odors   Colors   Colors   Oil Sheen     Shewn   Orange   Green   Other:   Wo or more indicators   Suspect (one or more indicators with a severity of 3)     Yes   Mo						Doily		Deposits/Stains
□Oily			ıt		ling, Cracking or Ch osion			Outfall Damage
Spalling, Cracking or Chipping	Ş	COMMENT		DESCRIPTION		nt	CHECK if Prese	INDICATOR
Spalling, Cracking or Chipping   Peeling Paint     Corrosion   Corrosion   Colors   Colors			tion 6)		Flowing Outfall	wing and Non-	dicators for Both Flo	ction 5: Physical Inc e physical indicators
owing Outfalls    Yes   No   (If No, Skip to Section 6)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 1 – Few/slight; origin not obvious			Sewage (Toilet Pape Petroleum (oil sheen)		Floatables -Does Not Include Trash!!
Check   Cholet Paper, etc.    Souds   Cholet Paper, etc.    Chol	3 – Opaque	□2 – Cloudy	☐ I – Slight cloudiness		See severity			Turbidity
See severity   Canonic	3 – Clearly visible in outfall flow	2 – Clearly visible in sample bottle	☐ 1 — Faint colors in sample bottle	☐ Yellow ☐Other:				Color
Cray   Vellow   See severity   Colher:   See severity   Colher:   See severity   Colher:   Colone   C	3 – Noticeable from a distance	2 – Easily detected	1 – Faint	m/gas				Odor
Comment   Petroleum/gas   Comment   Petroleum/gas   Comment   Petroleum/gas   Comment   Commen	(1-3)	ATIVE SEVERITY INDEX	REI	N	DESCRIPTIO		CHECK if Present	INDICATOR
Secure   Petroleum/gas				'a conservational		100	ors Present in the mow.	
Comments   Petroleum/gas	(1-3)	ATIVE SEVERITY INDEX	REI	N	DESCR	3	CHECK if Present	INDICATOR

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: Backgro	ound Data					
Subwatershed: PM	C			Outfall ID:	in No4-09	
Today's date: . 12	19124			Time (Military):	0930 hrs	4
Investigators:	IKE FREE	MAN		Form completed	by: Mike Fred	enan
Temperature (°F):	¥ 44	Raint	fall (in.): Last 24 hours	: Dast 48 hou	rs: Ø	
Latitude: N32° 3	6" 11.73"	Longitude:	W 85 29" 52	GPS Unit:	GPS	LMK #:
Camera:				Photo #s:		
Land Use in Drainage	Area (Check all tha	t apply):				
[] Industrial				Open Space		
Ulire Urban Reside	ential			Institutional		
Suburban Resident	ial		34	Other:		5 - May - Ma
☐ Commercial				Known Industrie	s:	Design 3
Notes (e.g., origin of o	utfall, if known):					
THE RESERVE OF THE PARTY OF THE	Auto: "To caread - Process		Angerth of the Angerth	CONTRACTOR OF STATE	- 200-mar-	emer simure error error
order 3: Outfall	)escription	to agree to agree to	THE SHARES OF THE SHARES	ANNOTE: MANAGE VEN	naa ah maala sahan kelalahala sa sa ah	MOTOR PROGRAMMENT STORY
- LOCATION SO	PARE	A Name Con		A Color Management		MITTER STATE OF THE STATE OF TH
	<b>₹©</b> RCP	J CMP	☐ Circula:	Dingle	Diameter/Dimension	L. V. a
	□ bAC	☐ HDPE	Dilletia :	L1 coble	72×96	<
<b>70</b> = 0	3. Steel		70	Timple	•	
	El ve	1/40/2000- 99	The second secon	13oher	ī.	
						oc.
	The state of	1,600,000,1 <sub>1</sub> pt	the tened of the care and the	E BOTHER BETTER CONTROL BETWEEN COMPANIES.	TABLE OF	
	i i alter.		E Acres.		Derrin:	
Latte, Late Gogge	☐ rip-rap		I la la		Tep Width:	
			Other;		Bottom Width:	
and the second	Other:	-	L.			
☐ ko-sarenn	tegs and th	V	- 772211100			
iowent?	N	☐ No	If No. S	kip to Section 5	- Announterroom - Marie	break the constant
Flow Description (11 present)	□ Tinckle	Moderat	C Set suntial	Amus		and the Company
Section 3: Unantit	Hive Characte	rization	altie.			
			FIELD DATA FOR	FLOWING OUTFAL	LS	
9484	METRIC		RESULT		UNIT	T WAR THE CALL
12 % 11	Volume				1,iter	
	Time to fill				Sec	
	Flow depth				In	Пърс телено
∏Flow#2	Flow width		,		Ft, In	Tape measu.
	Measured length				Ft. In	Tape measure
	Time of travel				5	Stop water
, a	stature .				01.	Thermometr-
			16.3		լիԿ Units	Test strip/Protx.
, i ini	oonia -				nig/L	Test strip

# Outfall Reconnaissance Inventory Field Sheet

1 - Faint colors in sample bottle sample bottle   1 - Faint colors in sample bottle   1 - Slight cloudiness   1 - Few/slight; origin not obvious   2 Paint   2 Paint   2 Paint   2 Paint   2 Paint   3 Paint   3 Paint   3 Paint   4 Paint   5 Paint   6 Paint	Etroleum/g  Bet Gray  Gray  Red  Suds  Outfalls  Outfalls  on Chipp  ine   pai  hibited  olors  xcessive Alg  range	icati	CHECK if Present  Sewage  Sulfide  Sulfide  Clear  Check if Present  CHECK if Presen	Color  Turbidity  Floatables  Does Not Include Trash!  Coutfall Damage  Deposits/Stains  Poor pool quality  Pipe benthic growth  Pipe benthic growth  Deposites Overall Outfall Characterization  Section 7: Data Collection
	No	☐ Yes		<ol> <li>Sample for the lab?</li> </ol>
	Pool			
	Pool			<ol><li>If yes, collected from:</li></ol>
	T Pool			
	J Pant			
	No No			. Sample for the lab?
	The state of the s			
	7		ion	ection 7: Data Collecti
			uu	Section 7: Data Collecti
ore indicators with a sever	s	o or more indicator	otential (presence of tw	
M. Committee	South of the Control			
			all Characterization	Section 6: Overall Outf.
ler:	Green	1		Pipe benthic growth
		l		
Sheen ler:	loatables	**		Poor pool quality
	] Inhibited			Abnormal Vegetation
	Paint			Deposits/Stains
3 Paint				Outfall Damage
	DESCRIPTION		CHECK if Present	INDICATOR
Section 6)			icators for Both Flowin; hat are not related to flov	Section 5: Physical Indi Are physical indicators th
☐ 1 – Few/slight; originnot obvious	□Suds □ Other:	1		Floatables -Does Not Include Trash!!
☐ 1 – Slight cloudiness	ee severity	S		Turbidity
sample boune				
1 – Faint colors in sample bottle				Color
□ 1 – Faint	☐ Petroleum/gas	Rancid Other:		Odor
	SCRIPTION	DES	CHECK if Present	INDICATOR
	1 - Faint     1 - Faint colors in sample bottle     1 - Slight cloudiness     1 - Slight cloudiness     1 - Slight cloudiness     1 - Few/slight; originot obvious	Petroleum/gas  Gray   Yellow    Red   Other:  Suds  Outfalls  Other:  DeScription  ng or Chipping   Peeling Paint    hibited   Other:  hibited   Other:  ange   Green   Other:  range   Green   Other:  Tange   Other:  No.	DESCRIPTION Vsour   Petroleum/ Vsour   Petroleum/ Vsour   Petroleum/ Vsour   Petroleum/ See severity See severity See severity Cother: Other: Discoin Suds See severity Cother: Other: Discoin See severity See severity Cother: Other: Discoin See severity See severity Cother: Cother: Discoin See severity See Severity See Severity Cother: Discoin See Severity See Severity Cother: Discoin See Severity See Seve	HECK if Present  CHECK if Pres

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: Backgro	ound Data				
Subwatershed: PM	C			N04-11	
Today's date: 121	1/24		Time (Military):	0935 hs	à
Investigators:	KE FREEMAN		Form completed by	MIKE PEEMA	/
	1 6	fall (in.): Last 24 hours:	V	Ø	
Latitude: N32°	36' /1.38' Longitude:	W85 29 50.5	GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Drainage	Area (Check all that apply):				
☐ Industrial			Open Space		
Ultra-Urban Reside	ential		Institutional		
Suburban Residenti	ial		Other:	uptum.	
☐ Commercial			Known Industries:		
Notes (e.g., origin of o	utfall, if known):				
	-> UTILITY	SARN	tulesa	5. 1000	
DUIFIACE	C) UTICITY	S/T C/V	EXPENS	is coop	, '
Sesion 2: Outfall	Description	nagrammammer Temmin as a limit military care. [1987] ", 1985]			29 <sup>17</sup> 1000 11 12 12 13 14 14 14 14 14 14 14 14 14 14 14 14 14
LOCATION	MATERIAL	SI		DIMENSIONS (IN.)	SUBMERCED
	RCP CMP	Direular	Single	This man or Dimoneione	ili water
	□ PVC □ HDPE	☐ Eliptical	☐ Double	24"	I Partially
20 Pice	Elaket 1	☐ Box	☐ Teiple		( II fully
,	C Aden	[ Cales	The Magnetic	Process of Parameters	<b>&gt;</b>
	27 THE TOTAL THE		e-cause dails		Establish Establish
	restant.	***			1000000
	tren	Tranezoid		13epth:	
Open drainage		☐ Parabolic		Top Width:	
	☐ rip-rap	Other:		Bottom Width:	
	Other:				
Stream .	(applicable when collecting	d semistra	A Kenting of		
Floresent?	☐ Yes : ► No	i No, Sk	ip to Section 5		
Flo scription (If present)	☐ Trickle ☐ Moderat	e · . □ Substamual			
Section 3: Quantit	ative Characterization	ETEL D DATA COD C	LOWING OUTFALLS	Into the Text	
DADA	A P P P P P P P P P P P P P P P P P P P				EQUIPMENT
PARA	METER	RESULT		Liter	Bottle
□Flow #1	Volume			Sec	Dome
<del>-</del>	Time to fill			In	Tape measure
-	Flow depth Flow width	2 72		Ft, In	Tape measure
□Flow #2	Measured length	7 79		Ft, In	Tape measure
-	Time of travel			S.	Stop watch
Temn	erature			°F	Thermometer
	oH		n		Fest strip/Probe
	monia			mg/I	Test strin

INDICATOR	CHECK if	The second second	Q	DESCRIPTIO	State of the state		RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage	☐ Rancid/sou	☐ Rancid/sour ☐ Petroleu ☐ Ott.er:	-7-19	1 - Faini	2 - Easily detected	3 – Noticeable from a distance
Color		Clear	☐ Brown	☐ Gray ☐ Red		1 – Faint colors in sample fettle	2 – Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity				See severity		☐ 1 – Slight 'teadiness	D2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trash!!		Sewage (Toilet Paper,	Sewage (Toilet Paper, etc.)	USuds		1 – Few'slight, origin		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?	licators for Be	oth Flowing a	nd Non-Flow	ing Outfalls	W. SAILE	A Skir to Section 6)		
INDICATOR	CHECK IF	CHECK if Present			SCHULTION		COMMENTS	S
Outfall Damage			Corresion	g. Cracking or Chipping ion	□.	Peeling Paint		
Deposits/Stains			Doily Dif	☐ Flow Line ☐ Fuis	C (Mbg)	The standard and the second and the		
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality	L		Odors Suds	☐ Colors ☐ in Excessive Algae	Luable:	Oil Sheen		-
Pipe benthic growth		14 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	☐ Brown	Orange	☐ Green ☐ Other	her:		
Section 6: Overall Outfall Characterization	fall Characte	rization						
Unlikely	Potential (presence of two or more indicators)	sence of two c	r more indicat		uspect (one or th	Suspect (one or thore indicators with a severity of 3)	ity of 3)	
Section 7: Data Collection	tion		,					
1. Sample for the lab?			☐ Yes	o <sub>Z</sub>				
2. If yes, collected from:			□ Flow	People	4 41			
3. Intermittent flow trap se.?	1300		Yes .	N U	1. ', 'yyu:	☐OBM ☐ Caulk dam		

### Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Backgro	ound Data				
Subwatershed: DA	re		Outfall ID: Sw	NO5.02	4 .
Today's date: /2	19/24		Time (Military):	0945	
Investigators:	KE FZERMAN		Form completed by:	MIKE FRE	2 MAN
Temperature (°F):	45° Rain	fall (in.): Last 24 hours	Last 48 hours:	Ø	
Latitude: N 3203	66862 Longitude:	W85 29' 50.	GPS Unit:	GPS	S LMK #:
Camera:			Photo #s:		
Land Use in Drainage	Area (Check all that apply):				
☐ Industrial			Open Space		
Ultra-Urban Reside	ential		nstitutional		
☐ Suburban Residenti	ial		Other:		
☐ Commercial			Known Industries:		2
Notes (e.g., origin of o	autfall if known):				
110105 (0.g., 01.g., 01	<b>31.11.</b> , 11	EXTENS	you car		
		argv.	ia ca		
Section 2: Outfall	Description	-		,,	
LOCATION	MATERIAL	SI	HAPE	DIMENSIONS (	IN.) SUBMERGE
9	<b>Ç</b> RCP □ CMP	Circular	Single	Diameter/Dimensions:	In Water: ☐ No
	□ PVC .□ HDPE	☐ Eliptical	. Double	24	Partially
Closed Pipe	: Steel	Box	☐ Triple		☐ Fully
•		Other:	Other:		With Sosimera
					Partially Li Fuffy
	Concrete	1			
	1 . 10	Trapezoid		Depth:	
Open drainage	Earthen	Parabolic		Top Width:	
	☐ rip-rap	Other:		Bottom Width:	
	Other:				
☐ In-Stream	(applicable when collecting	g samples)			
Flow Present?	Yes N	o If No, S	kip to Section 5		2000 12
Flow Description (If present)	Trickle Modera	te Substantial			
Section 3: Quantita	ative Characterization				
P8 19 62		FIELD DATA FOR	FLOWING OUTFALLS		
PARA	METER	RESULT	u	NIT	EQUIPMENT
□Flow#1	Volume		I	Liter	Bottle
	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow #2	Flow width	3 39	F	t, In	Tape measure
	Measured length	" "	F	t, In	Tape measure
	Time of travel		1 1	S	Stop watch
Тетр	erature			°F	Thermometer
р	Н		pH	Units	Test strip/Probe
Amr	monia		п	ng/L	Test strip

Color	CHECK if Present    Sewage   Rancid/sour     Sewage   Strong     Clear   Clount     Sewage   Toil     Sewage   Toil     Clear   Clount     Sewage   Coil     Sewage   Coil     Clear   Clount     Clear   Clear     Clear   Clear	Sewage   Rann   Sewage   Clear   Clear	Sewage   Rancid/sou   Sewage   Clear   Shown   Clear   Clear	Rancid/sour   Petrol     Bancid/sour   Petrol     Blown   Gray     Corresion   Corresion     Corresion   Colors     Corresion   Colors     Corresion   Colors     Corresion   Colors     Brown   Corange     Brown   Corange     Codors   Colors     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   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   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   Codo		Fairt colors in sample nottle Site 1-4 diness Site 1-4 vidiness ors with a sever	RELATIVE SEVERITY INDEX (1-3)    2 - Easily detected	(1-3)    3 - Noticeable from a distance   3 - Clearly visible in outfall flow   3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating samitary materials)
Section 7: Data Collection	tion			The second second	With the Change of the control of th			
Sample for the lab?			☐ Yes	ê				
2. If yes, collected from:	נו		Flow	Pool	the second of the second			
	, cat?		X kes		· Old/A-	Caulk dam		
	) SCL:	]	ICS			_		

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed in reading programme

### Auburn University Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Backgr	round Data				
Subwatershed: P(	NC		Outfall ID: 5 i	NO5-08	
Today's date: [2	19/24		Time (Military):	1000 hs	A
Investigators:	LIKE FREZIMAN		Form completed by	WIKE FREE!	MAN
Temperature (°F):		nfall (in.): Last 24 hours:			
Latitude: N36"	36 07-83" Longitude:	W8502955-41	GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Drainag	e Area (Check all that apply):				
☐ Industrial			Open Space		
Ultra-Urban Resi	dential		hstitutional [		
☐ Suburban Resider	ntial	8	Other:		as the company that places passes.
☐ Commercial			Known Industries:		2
Notes (e.g., origin of	outfall, if known):				, unity , a
	tenlack D	or.			7.35
Section 2: Outfal	l Description				
LOCATION	MATERIAL	SHA	PE	DIMENSIONS (IN.)	Submerget
	Z RCP ☐ CMP	Circular	Single	Diameter/Dimensions:	In Water:
	□ PVC □ HDPE	☐ Eliptical	☐ Double	48	No Partially
Closed Pipe	Steel	Box	Triple		Fulay
	Other:				With sediment
			Carrie 17 16 66 7	and the same of th	<b>E</b>
	☐ Concrete				100000000000000000000000000000000000000
	Earthen	Trapezoid		Depth:	(inning)
Open drainage	□ rip-rap	☐ Parabolic		Top Width:	
		Other:		Bottom Width:	
☐ In-Stream	Other:	ag complex)		WE-COLD	XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Flow Present?	BOYes D		to Section 5		
Flow Description			io section 5		
(If present)	Trickle Moder	ate Substantial			
Section 3: Quanti	itative Characterization				
	28 8 8 1 1 1 - 12	FIELD DATA FOR FL	OWING OUTFALL	S	
PAR	AMETER	RESULT		UNIT	EQUIPMENT
□Flow#1	Volume			Liter	Bottle
	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow#2	Flow width	, ,,		Ft, In	Tape measure
	Measured length	) )3 ———————————————————————————————————			Tape measure
	Time of travel			S	Stop watch
Tem	nperature			°F	Thermometer
	pH			pH Units	Test strip/Probe
Δr	nmonia			mg/I	Test strin

# Outfall Reconnaissance inventory Field Sheet

Are Any Physical Indicators Present in the flow?	CHECK if Present in the flow?  CHECK if Present  CHECK if CHECK  CHECK if Present  CHECK if Present	Sewage   Ranci   Sewage   Clear   Brow   Clear   Crang   Crang   Cherroleum (oil sheen)   Cher	DI  Rancid/sou  Other:  Dother:  Dother:  Orange  Coilet Paper, etc.)  I (oil sheen)	DESCRIPTION  DESCRIPTION  Rancid/sour   Petroleum/gas  Other:  Dother:  Orange   Gray   Candent   Candent	Ilgas    Yello   Yello     Yello	Fairit colors in tample bottle Slight cloudiness Few/slight; origin vious	Care   Comments   Comments   Care   Care	3 - Noticeable from a distance   3 - Clearly visible in outfall flow   3 - Opaque   3 - Opaque   3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Outfall Damage Deposits/Stains			Spalling, Corrosion	Spalling, Cracking or Chipping Corrosion  Iy   Flow Line   Print  Ily   Plow Line   Print	Chipping   Peeling Paint  Other:	ng Paint	×	
Abnormal Vegetation Poor pool quality			☐ Excessive ☐ Odors ☐ Suds	☐ Inhibited☐ Colors☐ Excessive	☐ Inhibited ☐ Colors ☐ Houtables ☐ O ☐ Excessive Algar	☐ Oil Sheen		
Pipe benthic growth			Brown	Orange	Creen Cother	ther:		
Section of Overall Outrall Characterization  Unlikely  Dotential (presence of	Tall Characterization  Potential (presence of two or more in	ence of two c	or more indic	dicators)	Suspect (cile of it	Suspect (ville of filore indicators with a severity of 3)	y of 3)	
Section 7: Data Collection  1. Sample for the lab?	tion		☐ Yes	N <sub>N</sub> o		.,,?		
2. If yes, collected from: 3. Intermittent flow trap set?	set?		☐ Flow	Pool		Caulk dam		
1	300	]	100	1	the advantages	]		

Section 1: Backg	round Data				
Subwatershed: P	me		Outfall ID: 5 V	N 05-09	
Today's date: 12	19/24		Time (Military):	1010	Ł
Investigators: \( (	KE FREE MAN		Form completed by	MIKE FREEM	AN
Temperature (°F):	46' R	lainfall (in.): Last 24 hour	V)	Ø	
Latitude: N3201	606.18" Longitud	le: WESD 29'50.	GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Drainag	ge Area (Check all that apply):				
☐ Industrial			pen Space		
Ultra-Urban Resi	dential		nstitutional		
☐ Suburban Reside	ntial	,	Other:		
☐ Commercial			Known Industries:		<u> </u>
Notes (e.g., origin of	f outfall, if known):				
Section 2: Outfal	l Description				
LOCATION	MATERIAL	s	НАРЕ	DIMENSIONS (IN.)	SUBMERGED
	X RCP ☐ CM	P Circular	Single	Diameter/Dimensions:	In Water:
	□ PVC □ HDI	PE  Fliptical	☐ Double	18,	Partially
A Closed Pipe	☐ Steel	☐ Box	Triple		Fully
£	Other:	Other:	Other:		Wink Sediment
	July Still.	O Gazetti	J. Janes.		13 Parasoliy
	☐ Concrete		and the state of t	Doub	
	Earther.	☐ Trapezoid		Depth:	viiniminini
Open drainage	☐ rip-rap	Parabolic		Top Width:	
	Other:	Other;		Bottom Width:	
☐ In-Stream	(applicable when collect	ting samples)			<i>Summersum</i>
Flow Present?			Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moc				1
Section 3: Quant	itative Characterization				
	The Market Hall to 20		FLOWING OUTFALLS		
PAR	AMETER	RESULT		UNIT E	QUIPMENT
□Flow#1	Volume			Liter	Bottle
LITIOW#1	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow#2	Flow width	, , , , , , , , , , , , , , , , , , , ,		Ft, In	Tape measure
_11 10 W II #	Measured length _	777		Ft, In	Tape measure
	· Time of travel			S	Stop watch
Ten	nperature			°F	Thermometer
	рН		ŗ	H Units T	est strip/Probe
				ma/I	Test strip

# Outfall Reconnalisance inventory Field Sheet

(If No. Ship to Section 3)

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?

VDEX (1-3)	d S – Noticeable from a distance	in 3 – Clearly visible in outfall flow	3 - Opaque	ions 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)		COMMENTS							sno			64		
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)	·	МОО		41		-	IRON		of 3) 🔲 Obvious					
REI	1 – Faint	1 – Faint colors in sample bottle	1 - Slight cloudiness	1 - Few/slight, origin not obvious	tion 6)		# 25 F	v		, u	·	en e	Suspect (one or more indicators with a severity of 3)	* .			□OBM □ Caulk dam	5 (C)
	m/gas	☐ Yellow ☐Othor:			(ILNO, Ski) to Section 6	DESCRIPTION	ipping 📋 Peeling Paint	Divaini (1) Other	S	☐Floatables ☐ Oil Sheen Algae	Green Other:	200 P. Marian	] Suspect (one or more i				If Yes, type.	structure repairs)?
DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	☐ Brown ☐ Gray ☐ Orange ☐ ☐ Red	See severity	let Paper, etc.) Suds il sheen) Other	Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present?		Spalling, Cracking or Chilpping Corrosion	Oily   Flow Line	☐ Excessive ☐ Inhibited	Odors Colors C	Brown Orange		Dotential (presence of two or more indicators)		es Se	ow Dool	ss No	Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?
	Sewage Sulfide	☐©lear ☐Green	1	Sewage (Toilet Paper,	oth Flowing and ated to flow pre	Present						rization	sence of two or		∏ Yes	Flow	□ Yes	Concerns (e.g.
CHECK if Present					idicators for Bost hat are not rel	CHECK if Present						ıtfall Characte	Potential (pre	ction		н:	up set?	llicit Discharge
THDICATOR	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:	3. Intermittent flow trap set?	Section 8: Any Non-I

Illicit Discharge Defection and Elimination: Technical Appendices

VPG. UINES

Section 1: Backgro	ound Data					
Subwatershed: PM	ne		Outfall ID: N	05-10		
Today's date: 12	9/24		Time (Military):	1020 hrs	ė .	
	CE ESESMAN		Form completed by	MIKE PREE	MAN	
Temperature (°F):		fall (in.): Last 24 hours		Ø		
Latitude: N 32° 3	6 08.52' Longitude:	N850 29'51.37	GPS Unit:	GPS I	LMK #:	
Camera:			Photo #s:		=	
Land Use in Drainage	Area (Check all that apply):					
☐ Industrial			'☐ Open Space			
Ultra-Urban Reside	ential		Institutional			
☐ Suburban Resident	tial	8	Other:		polypyring y ja- pinney	
☐ Commercial			Known Industries:		3	
Notes (e.g., origin of c	outfall if known):					
rvotes (e.g., origin of c	outan, n known).					
Section 2: Outfall	Description					
LOCATION	MATERIAL	5	HAPE	DIMENSIONS (I	L) SUBMERGED	
	DORCP ☐ CMP	Circular.	Single	Diameter/Dimensions:	In Water	
	□ PVC □ HDPE	☐ Fliptical	Double	18"	النا الناسلين الم	
Closed Pipe	☐ Steel	☐ Box · ·	☐ Triple		[] Fully	
<b>6</b>	Other:	Cather:	Other:		With Sedmicht	
	LI Other		Other.	and the second s	Partially	
	Concrete	V. Columbia (Coloredo)		1	□ Fally	
	☐ Earthen	Trapezoid		Depth:	Sammen !!	
Open drainage		Parabolic		Top Width:		
	☐ rip-rap	☐ Other;		Bottom Width:		
	Other:					
☐ In-Stream	(applicable when collecting		La Mila			
Flow Present?	☐ Yes	If No, S	kip to Section 5		-	
Flow Description (If present)	☐ Trickle ☐ Modera	te Substantial				
Section 3: Quantit	ative Characterization					
		FIELD DATA FOR	FLOWING OUTFALLS			
PARA	METER	RESULT	- AS(3(5)	UNIT	EQUIPMENT	
□Flow#1	Volume			Liter	Bottle	
	Time to fill			Sec		
	Flow depth			In	Tape measure	
□Flow #2	Flow width	7		Ft, In	Tape measure	
_	Measured length	, ,,,		Ft, In	Tape measure	
	Time of travel			S	Stop watch	
Temp	perature			°F	Thermometer	
	Н		р	pH Units Test strip/Probe		
Amı	monia			mg/L	Test strip	

# Outfall Reconditionance 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)		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				
REL	1 – Faint	☐ 1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	1 – Few/slight, origin not obvious	tion 6)	224	ı,		8361	· · ·			ndicators with a severity of		***	***	BM Caulk dam
DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	☐ Gray ☐ Yellow ☐ Cher:	See severity	Suds	lowing Outfalls  [] Yes [] No (If No. Ship to Section 6)		Spalling, Cracking or Chilphilig Paint Corrosion	Thow Line Draini Chilter	□ Inhibited	☐ Colors ☐ Prushables ☐ Oil Sheen ☐ Excessive Algoir	Orange Cheen Other:	200	ators) Suspect thie or more indicators with a severity of 3)		ZZN <sub>0</sub>	Pool	No If Yes, 1996; CORN
INDICATOR CHECK if Present	Sewage Rancid/s	Clear Brown		Sewage (Toilet Paper, etc.)	lowing and Non-Flo	ent	Spalling, C		☐ Excessive	Odors	☐ Brown	ion	Potential (presence of two or more indicators)		☐ Yes	Flow	☐ Yes
CHECK if Present	0				licators for Both F	CHECK if Present						tfall Characterizat	Potential (presence	tion			set?
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 infrantructure reputris)?

Section 1: Back	ground Data					
Subwatershed:	Penc			Outfall ID: 5	N 65.13	
Today's date: \	2/9/24			Time (Military):	1025	ė.
Investigators: N	MKE ESES	NAN		Form completed by	MIKEFREEMA	N
Temperature (°F):			fall (in.): Last 24 hours:		Ø	
Latitude: N 36	34 08,11"	Longitude:	W850 29' 55.3	GPS Unit:	GPS LMK	; #:
Camera:				Photo #s:		
Land Use in Drain	age Area (Check all tha	at apply):				
☐ Industrial				¹☐ Open Space		
Ultra-Urban Re	esidential			Institutional		
Suburban Resid	dential					
☐ Commercial						
	of outfall, if known):			Known muusutes,		
Section 2: Outf	all Description					The state of the s
LOCATION		RIAL	SI-	IAPE	DIMENSIONS (IN.)	SUBMERGED
	K RCP	□СМР	Circular	Single	Diameter/Dimensions:	In Water:
	PVC □	☐ HDPE	☐ Eliptical	Double	18	∏ No   <b>∑</b> Partially
Closed Pipe	☐ Steel		[] Вох	Triple		Fully
Closed 1 spe	Other:		Other:	Other:		With S-Jiment:
	Culer.		Other.	C. Omer.		☐ Lanselly ☐ Faily
CAN DESCRIPTION OF THE PARTY OF	☐ Concrete			-	1	
	☐ Earthen		Trapezoid		Depth:	
Open drainage	☐ rip-rap		☐ Parabolic		Top Width:	
	Other:		Other:		Bottom Width:	
☐ In-Stream	(applicable w		(semples)			<u> </u>
Flow Present?	Yes	□ No		kip to Section 5		
Flow Description				up to Section 3		
(If present)	Trickle	☐ Moderat	te Substantial			
Section 3: Quar	ntitative Characte	rization				
				FLOWING OUTFALLS		
PA	RAMETER		RESULT			EQUIPMENT
□Flow#1	Volume				Liter	Bottle
	Time to fill				Sec	
-	Flow depth		2 22		In Factor	Tape measure
□Flow#2	Flow width		, 22		Ft, In	Tape measure
-	Measured length Time of travel	_			Ft, In	Tape measure
					°F	Stop watch Thermometer
	emperature					Test strip/Probe
	рН 			- F		
	Ammonia	11		1	mo/I	Test strin

# Outfall Reconnalisance Inventory Field Sheet

INDICATOR CHECK if Present	CHECK if Present		DE	DESCRIPTION	NOLITI	æ	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	Rancid/sour Petroleum/gas	☐ Petroleum	/gus	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Orange	☐ Gray	☐ Yellow ☐Other:	1 – Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity			31	See severity	An address of the second of th	☐ 1 – Slight cloudiness	□2 - Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!		Sewage (Toilet Paper,	Foilet Paper, etc.)	Suds Other:		1 – Few/slight; origin not obvious	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Section 5: Physical Indicators for Both Flowing and Non-F Are physical indicators that are not related to flow present?	dicators for Bo	nth Flowing a ated to flow pi	nd Non-Flowir	lowing Outfalls  ☐ Yes ☐ No	(If No. Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present					COMMENTS	Ş
Outfall Damage			Spalling, Cre	Spalling, Cracking or Chipping Corrosion		)t		
Deposits/Stains			□oily □ Flo	☐ Flow Line ☐Pairit	uini 🗀 Other			
Abnormal Vegetation			☐ Excessive	☐ Inhibited	Andrews (Andrews V. Particular			
Poor pool quality			Odors C	Colors Clase Excessive Algae	☐Fioatables ☐ Oil Sheen Igae ☐ Other:			
Pipe benthic growth				Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	tfall Character	rization						
<b>™</b> Unlikely	Potential (presence of two or more indicators)	sence of two c	or more indicate		Suspect (one or more indicators with a severity of 3)	ndicators with a severity	of 3) 🔲 Obvious	
Section 7: Data Collection	tion		000		And Table 1947. An exemple 1945.			
1. Sample for the lab?			□ Yes	SNo SNo				
2. If yes, collected from:	1:		☐ Flow	□ Pool				
3. Intermittent flow trap set?	p set?		☐ Yes	% □	If Yes, type: OBM	BM Caulk dam		

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

Section 1: Backg	round Data				
Subwatershed: P	we.		Outfall ID: 5	N 06-0	12
Today's date:	2/5/24		Time (Military):	1050	(E)
Investigators: M	KE FREEMAN		Form completed by	MIKE FREMMY	
Temperature (°F):	50 R	ainfall (in.): Last 24 hour	rs: X Last 48 hours	0	
Latitude: N32°	36' 64.99" Longitud	e: W850 29 50.7	GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Drainag	ge Area (Check all that apply):				
☐ Industrial			Open Space		
☐ Ultra-Urban Res	idential		✓ Institutional		
☐ Suburban Reside	ential		Other:		
☐ Commercial					
Notes (e.g., origin or	C 4C.11 (Cl.,)		Kilowii ilidasti ies.		
Trous (e.g., origin o	outuit, it known).				7017 (2000)
Section 2: Outfal	l Description	· · · · · · · · · · · · · · · · · · ·			
LOCATION	MATERIAL		SHAPE	DIMENSIONS (IN.)	SUBMERGEN
	ZERCP CMI	Circular 1	Single	Diameter/Dimensions:	In Water:
	□ PVC □ HDF	E Eliptical	Double	18"	Partially
Closed Pipe	Steel	□ Bex	☐ Triple		Druy
Crossed Pipe		Other	Other		×
Other:					P. Fa
copdistibility and the second	Concrete				Tillian in M
	☐ Earthen	☐ Trapezoid		Depth:	
Open drainage	1	☐ Parabolic		Top Width:	
	☐ rip-rap	☐ Other:		Bottom Width:	
	Other:				
☐ In-Stream	(applicable when collec	ting samples)			
Flow Present?	☐ Yes	No If No.	Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Mod	erate Substantial			
Section 3: Quant	itative Characterization				
			FLOWING OUTFALLS		
PAR	AMETER	RESULT			QUIPMENT
□Flow#1	Volume			Liter	Bottle
	Time to fill			Sec	
_	Flow depth	2 22			Tape measure
□Flow #2	Flow width	, ,,			Tape measure
-	Measured length	<del></del>			Fape measure
	Time of travel			S	Stop watch
Ten	nperature	y=			Thermometer
	pH				est strip/Probe
Α.	mmonia			ma/i	Test etrip

# Outfall Reconnaissance Inventory Field Sheet

Ale Any ruysical indicators resent in the now? (2 Yes	Ors Freschi III the	IIOW: IZIYES	S I	(A) VAO	(1) IVO, SAUP TO SPECIFIED 2)			
INDICATOR	CHECK if			DESCRIPTION		REI	RELATIVE SEVERITY INDEX (1-3)	1-3)
Odor		Sewage Sulfide	Rancid/so	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	n/gas .		2 – Easily detected	3 – Noticeable from a distance
Color		KClear DGreen	☐ Brown ☐ Orange	☐ Gray	☐ Yellow ☐Other:	1 – Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity				See severity	of the first of the confidence	☐ 1 – Slight cloudiness	□2 – Cloudy	3 - Opaque
Floatables -Does Not Include Trash!		Sewage (Toilet Paper,	Foilet Paper, etc.) 1 (oil sheen)	) 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 Out alls Are physical indicators that are not related to flow present?	dicators for Bo	ith Flowing a	nd Non-Flov resent?	ving Out alls	i (H.No, Skip to Section 6)	ction 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	8
Outfall Damage		_	Spalling, C	Spalling, Cracking or Chipping Corrosion	pping 🔲 Peeling Paint	, in		
Deposits/Stains				Flow Line	Traint Other	- and a second	do.	
Abnormal Vegetation			☐ Excessive	Inhibited				
Poor pool quality			Odors	Colors	☐Floatables ☐ Oil Sheen Algae ☐ Other:	en 🗡 e		
Pipe benthic growth			Brown	Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	tfall Character	ization				Q.		
Unlikely	Potential (presence of two or more indicators)	sence of two c	or more indica	ıtors)		Suspect (one or more indicators with a severity of 3)	of 3)	
Section 7: Data Collection	tion							
1. Sample for the lab?			☐ Yes	oN/S				
2. If yes, collected from:	n:		☐ Flow	Pool				
3. Intermittent flow trap set?	p set?		☐ Yes	°N 🗆	If Yes, type:	OBM Caulk dam		•
					The state of the s			

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

Section 1: Backg	round Data				
Subwatershed:	MC		Outfall ID:	04-30	
Today's date: \2	19/24		Time (Military):	1100	
Investigators:	IKE FIZEEMAN		Form completed by	MIKE FREEMA	h)
Temperature (°F):	5(°	Rainfall (in.): Last 24 hours:	Last 48 hours:	Ø	
	36' 13.42" Longitud	de: 49. 43"	GPS Unit:	GPS LMK	.#:
Camera:			Photo #s:		
Land Use in Draina	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	f outfall, if known):				
		Ŧ	ARM H	DUSE ARE	$\mathcal{A}$
Section 2: Outfa		eu	APE	DIMENSIONS (IN.)	SUBMERGED
LOCATION	MATERIAL  MATERIAL  CM  CM	to a make a	Single	Diameter/Dimensions:	In Water:
		/	/	58 X 38	☐ No
	PVC HD		Double	30 1 30	Partially
Closed Pipe	☐ Steel	□Box	Triple		Trik, Sodimens
	Other:	Other:	Other:	8	Permitty
	☐ Concrete		-		Visit Market Mark
	Earthen	☐ Trapezoid		Depth:	Vinninininin
Open drainage	☐ rip-rap	Parabolic Parabolic		Top Width:	
		☐ Other;		Bottom Width:	
	Other:	ting complet)	44.0	,	<u>XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</u>
In-Stream			ip to Section 5		
Flow Present?	- F				
Flow Description (If present)	☐ Trickle Mod	lerate Substantial	TEXER		
Section 3: Quant	titative Characterization	1			
	Value of the second		LOWING OUTFALLS		, ,
PAS	RAMETER	RESULT		UNIT	EQUIPMENT
□Flow#1	Volume			Liter	Bottle
LIFIOW#1	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow #2	Flow width	- 33		Ft, In	Tape measure
	Measured length	(9) 29		Ft, In	Tape measure
	Time of travel			S	Stop watch
Tei	mperature		2	°F	Thermometer
	pH		р	H Units	Test strip/Probe
A	mmonia			mg/L	Test strip

# Outfall Reconnulssance inventory Field Sheet

Are Any Physical Indicators Present in the flow?	rs Present in the	o flow? Lyes LNo (J/No, Skip to Section 3)	ction 5)			
INDICATOR	CHECK if Present	DESCRIPTION		RELA	RELATIVE SEVERITY INDEX (1-3)	1-3)
Odor		☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas . ☐ Sulfide ☐ Other:	□ 1 – Faint	nt	2 – Easily detected	3 – Noticeable from a distance
Color		□Green □ Orange □Red □Other		☐ 1 — Faint colors in sample bottle	$\square$ 2 – Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity		See severity	ilis – I 🗀	☐ 1 – Slight cloudiness	□2 – Cloudy	3 – Opaque
Floatables -Does Not Include Trash!!		☐ Sewage (Toilet Paper, etc.) ☐Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 – Few not obvious	☐ 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 Nor Are physical indicators that are not related to flow present?	licators for Bo	1-Flowing Outfalls	. (Il No, Skip to Section 6)	# I		
INDICATOR	CHECK if Present		TOW		COMMENTS	10
Outfall Damage		Spalling, Cracking or Chipping.	Peeling Paint			
Deposits/Stains		☐ ☐Oily ☐ Flow Line ☐Paint	☐ Other:			
Abnormal Vegetation		☐ Excessive ☐ Inhibited	The state of the s			
Poor pool quality		☐ Odors ☐ Colors ☐ Floatables ☐ Sxuds ☐ Excessive Algae	ables Uil Sheen Cher:			
Pipe benthic growth		☐ Brown ☐ Orange ☐ Green	en 🔲 Other:			
Section 6: Overall Outfall Characterization	tfall Character	rization	(A) we district the form			
Unlikely	Potential (pres	☐ Potential (presence of two or more indicators) ☐ Suspect	Suspect (one or more indicators with a severity of 3)	with a severity of	3) 🗌 Obvious	
Section 7: Data Collection	tion			Ø.		
1. Sample for the lab?		□ Yes				
2. If yes, collected from:	::	☐ Flow ☐ Poot	And the second s			
3. Intermittent flow trap set?	set?	Yes No	If Yes, type: DOBM [	Caulk dam		
				32		

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

Section 1: Back	round Data				
Subwatershed: Po	ne		Outfall ID:	04-31	
Today's date:	219124		Time (Military):	1115	
Investigators:	IKE FIZEEMAN	)	Form completed by	MIKE PREEMAN	J
Temperature (°F):		Rainfall (in.): Last 24 hours:	V	Ø	
Latitude:N. 320	36 13.46' Longit	ude: W85 29 49.4	GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Draina	ge Area (Check all that apply)	:			
☐ Industrial			Open Space		
Ultra-Urban Res	sidential		Institutional		
Suburban Resid	ential		Other:		
☐ Commercial					
	of outfull (flynoum):		Known maustres.		
Notes (e.g., origin (	of outfall, if known):				
Section 2: Outfa	ll Description				
LOCATION	MATERIAL	The second second	APE	DIMENSIONS (IN.)	SUBMERGED
	RCP C	MP Circular	Gingle	Diameter/Dimensions:	In Water.
	PVC H	OPE.	Double	36	No Partially
Closed Pipe	Steel	ZoG □	☐ Triple		That
	{ ☐ Other:	☐ Other:	Other:		Wash instituted.
	LI Outer.	Li Osiei	Other.		<b>Sometimes</b>
	Concrete	Hardren som kran	January		Tably
	1	☐ Trapezoid		Depth:	
Open drainage	Earthen	☐ Parabolic		Top Width:	
	□ гір-гар	Other;		Bottom Width:	
	☐ Other:				
☐ In-Stream	(applicable when coll	ecting samples)			
Flow Present?	☐ Yes	No If No, Sk	ip to Section 5		
Flow Description (If present)	☐ Trickle ☐ M	oderate Substantial		3	
Section 3: Quan	titative Characterizatio	on .			
			LOWING OUTFALLS		
PAI	RAMETER	RESULT			QUIPMENT
- T	Volume			Liter	Bottle
□Flow#1	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow #2	Flow width	y 23		Ft, In	Tape measure
	Measured length			Ft, In	Tape rugasure
	Time of travel			S	Stop watch
Те	mperature			°F	Thermometer
	pH		р	H Units T	est strip/Probe
A	mmonia			mg/L	Test strip

# Outfall Reconnaissance Inventory Field Sheet

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

Itilait Discharge Defection and Elimination: Technical Appendices

Section 1: Backs	ground Data					
Subwatershed:	me			Outfall ID:	04-32	
Today's date:	12/9/24			Time (Military):	1120	ė
Investigators: M	KE FREZIMAN		10.00	Form completed by	MIKE FREEM	AU.
Temperature (°F):			fall (in.): Last 24 hours:			
Latitude: N 3 2°	13.36" Lor	gitude: 1	W 85" 29"49,00	GPS Unit:	GPS LMK	.#:
Camera:				Photo #s:		
Land Use in Draina	ge Area (Check all that app	ly):				
☐ Industrial				'☐ Open Space		
Ultra-Urban Res	sidential			Market Institutional		
☐ Suburban Reside	ential			Other:		
☐ Commercial				Known Industries:		
	of outfall, if known):			Isiowii iliaasti les.		
Notes (e.g., origin o	ot outlan, it known.					
CONTRACTOR OF THE PARTY OF THE				300 100		ا مسودر
Section 2: Outfa	Il Description					
LOCATION	MATERIA	L-	SHI	APE	DIMENSIONS (IN.)	SUBMERGED
	<b>₽</b> RCP □	CMP	@ Circular	Single Single	Diameter/Dimensions:	In Water:
	□ PVC □	HDPE	Eliptical.	☐ Double	48	No Sentially
Closed Pipe	Steel		G Bor	Triple		Fully
	Other:		Other.	Other:		MAIN SERVICE
	LI Omot,		- Land 17 STG11	Guid.		<b>O</b> Recia f
and the contract from the second restrictions	Concrete	nana and a second	No Back Street and place to the Back of the Street	- Once and a second second	- macean mountains production	(3 FW)
			☐ Trapezoid		Depth:	
🗋 Open drainage	Earthen		☐ Parabolic		Top Width:	
	∏ rip-rap		☐ Other:		Bottom Width:	
	Other:					VIIII III III III
In-Stream	(applicable when c	ollecting	samples)			
Flow Present?	<b>☑</b> Yes	□ No	If No, Skip	to Section 5		and the state of t
Flow Description (If present)	<b>ॐ</b> Trickle □	Moderat	e Substantial		7.00	TO SECULIAR
lection 3: Quant	titative Characteriza	tion				- Committee Comm
			FIELD DATA FOR FL		present the second	PAINTER
	Volume		RESULT		UNIT :	EQUIPMENT
□Flow#1 _	Time to fill	+			Sec	Bottle
	Flow depth	-			In	Tape measure
	Flow width	+	2 12		Ft, In	Tape measure
□Flow #2	Measured length	1	, 2,		Ft, In	Tape measure
	Time of travel	+			S	Stop watch
Ter	mperature				°F	Thermometer
	рН	1		p		Test strip/Probe
Α.	mmonia	+			mg/I	Test strin

## Outfall Reconnalissance Inventory Field Sheet

CHECK if	CHECK IF		000		A Market State of the state of			
INDICATOR	Present		2	DESCRIPTION		RE	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor	_	Sewage Sulfide	☐ Rancid/sou	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	gas	□ 1 – Faint	2 - Easily detected	3 – Noticeable from a distance
Color		☐Clear ☐Green	☐ Brown ☐ Orange	☐ Gray	Yeilow Other:	1 – Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity			198	· See severity	ANACHER CONTRACTOR CON	1 - Slight cloudiness	□2 - Cloudy	3 – Opaque
Floatables -Does Not Include Trash!		Sewage (Toilet Paper	Sewage (Toilet Paper, etc.)	☐Suds ☐ Other:		1 – Few/slight; origin not obvious	2 – Some; indications. of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Section 5: Physical Indicators for Both Flowing and Non-F Are physical indicators that are not related to flow present?	licators for Bo	oth Flowing a	ind Non-Flowi resent?	lowing Outfalls	(If No., Skip to Section 6)	ction 6)		
INDICATOR	CHECK if Present	Present		ā	VE CRIPTION		COMMENTS	S
Outfall Damage		455,000	Spalling, Cl	ng, Cracking or Chipping sion	ing Peeling Paint	nt .		
Deposits/Stains			□Oily □ FIA	☐ Flow Line ☐Paint	int Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited			0.00	
Poor pool quality			Odors Suds	Colors	☐Floatables ☐ Oil Sheen gae ☐ Other:	w ue		
Pipe benthic growth			☐ Brown	☐ Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	fall Character	ization				4		
Unlikely	Potential (presence of two or more indicators)	sence of two	or more indicat		Suspect (one or more	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	°Z N				
2. If yes, collected from:			☐ Flow	Pool	The state of the s			
3. Intermittent flow trap set?	set?		☐ Yes	% □	If Yes, type: □O	OBM Caulk dam		,

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

Section 1: Backg	PMC			Outfall ID: Sw	P04-37	
Today's date:	DEC 0 9 2024			Time (Military):	1/29	
	IKE FREE	NAN		Form completed by:		2mn
Temperature (°F):			fall (in.): Last 24 hours:		or	Z. r. v (1.
			NRS 25'49.30		GPS L	MK #:
Camera:	10 1 7.00	- 0	35 27 47.30	Photo #s:		
Land Use in Drainag	ge Area (Check all that ap	ply):				
☐ Industrial				Open Space		
Ultra-Urban Resi	idential			☑ Institutional		
☐ Suburban Reside	ntial			Other:		
☐ Commercial						
Notes (e.g., origin of	Fourfall if Irnoum):			Kilowii industries.		
Notes (e.g., origin of	outian, ii knownj.					
Section 2: Outfal	l Description					
LOCATION	MATERIA	AL	SHA	APE	DIMENSIONS (IN	L) SUBMERGED
	<b>☑</b> RCP	] CMP	Circular	Single	Diameter/Dimensions:	In Water:
	□ PVC □	HDPE	☐ Eliptical.	Double	60	☐ No ☐ Cartially ☐ Fally
Closed Pipe	☐ Steel		Bex	☐ Triple		[] Lally
-	Other:		Coher:	Other:		With Sediment
						<b>Q</b> ≥arucin
	☐ Concrete		Province and a second control of the	or Assuranteins and the second		200000000000000000000000000000000000000
	Earthen		☐ Trapezoid		Depth:	
Open drainage			☐ Parabolic		Top Width:	
	☐ rip-rap		Other:		Bottom Width:	
	Other:	7.50			<u> </u>	
In-Stream	(applicable when	-		4. Carlan E		A COMPANY OF STREET
clew Prescat?	Yes	☐ No	) — 1j No, Skų	o to Section 5		
Flow Description (If present)	Trickle	Moderat	e Substantial			
		-4!				
ectan 3: Quant	itative Characteriza	LION	FIELD DATA FOR FL	OWING OUTFALLS	Se Talanka	The second secon
DAD	AMETER		RESULT		INIT	EQUIPMENT
	Volume		1/20021		Liter	Bottle
□Flow#1	Time to fill				Sec	2000
	Flow depth				In	Tape measure
□Fla#2	Flow width		,		Ft, In	Tape measure
□Flow #2	Measured length		" "		Ft, In	Tape measure
	Time of travel				S	Stop watch
Ten	nperature				°F	Thermometer
	pН			pI	I Units	Test strip/Probe
Λ.	nmonia				ng/I.	Test strin

### Outfall Reconnaissance Inventory Field Sheet

Odder         □ Sunified         □ Revenge         □ Revenge Revenge         □ Revenue Revende         □ Revenue Revenue Revenue Revenue Revenue Revenue Revenue Re	INDICATOR	CHECK if Present		DE	DESCRIPTION	RE	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Cincen   Clotent   Clot	Odor		Sewage Sulfide	Rancid/sour	Petroleum/gas		2 - Easily detected	3 – Noticeable from a distance
Caresine   See severity   Caresine   Care			Cilear   Cilear   Cilear	☐ Brown ☐ Orange			2 – Clearly visible in sample bottle	3 – Clearly visible in cutfall flow
Check Both Flowing and Non-Flowing Outfails   Check Both Flowing Casking Outfails   Check Both Flowing Casking Outfails   Check Freecat   C				S	see severity	1 – Slight cloudiness	□2 – Cloudy	3 - Opaque
tors for Both Flowing and Non-Flowing Outfalls  CHECK if Present	Floatables -Does Not Include Trash!!		Sewage (T	oilet Paper, etc.) (oil sheen)	□Suds □ Other:	1 – Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
CHECK if Present         Discricing         Peeling Paint         Peeling Paint           □         Corrosion         Plow Line         Pright         Discricing	Section 5: Physical Inc Are physical indicators	licators for Bot that are not rela	th Flowing an			in to Section 6)		
Spalling, Cracking or Chityring	INDICATOR	CHECK IF	Present		0		COMMEN	S
Characterization	Outfall Damage					eeling Paint		
	Deposits/Stains					<b>1</b> 3		
Characterization  Characteriz	Abnormal Vegetation					·		
Characterization         Characterization         □ Brown □ Orange □ Utireth. □ Other.         □ Other.         □ Other.           ential (presence of two or more indicators)         □ Suspect (one of rifore indicators with a severity of 3)         □           □ Yes         □ No         □ Yes, type: □ OBM         □ Caulk dam           □ Yes         □ No         □ Yes, type: □ OBM         □ Caulk dam	Poor pool quality				[] [lingtables ive Algue	Oil Sheen		
Characterization antial (presence of two or more indicators)    Assigned to the or indicators with a severity of 3)	Pipe benthic growth				D'eren.	] Other:		
antial (presence of two or more indicators)	Section 6: Overall Out	fall Character	ization			,		
☐ Yes ☐ No ☐ Flow ☐ Pool ☐ Yes ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐		Potential (pres	ence of two o	r more indicato	D	if more indicators with a severity		
Sample for the lab?  If yes, collected from:  Intermittent flow trap set?  Sample for the lab?  If Yes, Epe: OBM	Section 7: Data Collect	tion						
If yes, collected from:	1. Sample for the lab?				<b>M</b> No			
Intermittent flow trap set?					Pool			
		set?		Yes		□ <sub>OBM</sub> □		
Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infragramme yengles)?	Section 8: Any Non-III	icit Discharge	Concerns (e.	g., trash or nee	eded infractractative zenali	\$ 1 m		

Investigations   Mark   Free   Form completed by   Mark   Free   Form completed by   Mark   Free   Form completed by   Mark   Form completed by   Form completed b	Section 1: Backgr	ound Data				
Investigators   M   KE   F2EMAN   Form completed by   M   KE   F2EMAN	Subwatershed:	ne		Outfall ID:	P06-05	
Temperature (TF): \$55	Today's date:	DEC 0 9 2024		Time (Military)	1135	è
Latitude:    32   3   9, 9   7   Longitude:    48   29   43   45   45    Camera:   Photo #:    Photo #:   Photo #:    Industrial	Investigators: M	KE FREEMH		Form completed	by: MIKE FREEMA	(N
Camera:				Par	urs: Ø	
Land Use in Drainage Area (Check all that apply):   Industrial	Latitude: N32° 3	L 19.42" Longitu	de: W85° 29' 43.4	GPS Unit:	GPS LMK	#:
Industrial	Camera:			Photo #s:		
Ultra-Urban Residential	Land Use in Drainage	Area (Check all that apply):				
Closed Pipe   Closed Pipe   Concrete   Tripezoid   Conter:   Con	☐ Industrial			Open Space		
Commercial   Known Industries   Known Industries	Ultra-Urban Resid	ential		Institutional		
Notes (e.g., origin of outfall, if known)	Suburban Residen	tial	•	Other:		
Notes (e.g., origin of outfall, if known)	☐ Commercial			Known Industri	es:	
Closed Pipe   CMP   CMP   CMP   Circular   Single   Diameter/Dimensions:   In Wife   Closed Pipe   Steel   Box   Triple   Concrete   Parabolic   Top Width:   Top Width:   Stow Person?   Yes   No   If No, Skip to Section 5   Triple   Cotton 3: Quantitative Characterization   Characterization   Characterization   Cotton   Cot		outfall if known):				
Closed Pipe	Section 2: Outfall	Description	THE STATE OF THE S			
PVC	LOCATION	MATERIAL	SI	IAPE	DIMENSIONS (IN.)	SUBMERGED
PVC		RCP CM	P Circular	Single		
Closed Pipe		□ PVC □ HD	PE Eliptical	☐ Double		2 Partially
Other:   O	Closed Pipe	☐ Steel	□ Box	☐ Triple		1_19581V
Concrete   Barthen   Parabolic   Top Width: Bottom Width:     In-Stream   Copplicable when collecting samples     Top Width: Bottom Width: Bottom Width:     Top Width: Bottom Width: Bottom Width: Bottom Width: Bottom Width: Bottom Width:     Top Width: Bottom Width: Bottom Width: Bottom Width: Bottom Width: Bottom Width:     Top Width: Bottom Width: Bottom Width: Bottom Width: Bottom Width:     Top Width: Bottom Width: Bottom Width:     Top Width: Bottom Width: Bottom Width:     Top Width: Moderate Substantial     Sec		Other:	∏ Other:	□ Other:		
Copen drainage						Access to the second se
Gopen drainage		Concrete				
Open drainage			☐ 3 apezoid		Depth.	
Other:   Other:   Bottom Width:     In-Stream   (applicable when collecting samples)   Flow Present?   Yes	Open drainage		Parabolic		Top Width:	
In-Stream			Other;		Bottom Width:	
No		Other:				
Trickle   Moderate   Substantial	☐ In-Stream		Market Market Street			
	Flow Present?	Yes	No If No, Si	kip to Section 5		
PARAMETER   RESULT   UNIT   EQUIPMENT	Flow Description (If present)	☐ Trickle ☐ Mod	derate - Substantial			
PARAMETER         RESULT         UNIT         EQUIPMENT           Uniter         Bottle           Bottle         Time to fill         Sec           Flow depth         In         Tape measure           Flow width	Section 3: Quantit	ative Characterization		FI CHITNE CHITFAL		
Flow #1	DADA	METER		FLOWING OUTFAI		CALITAGAPET
Time to fill   Sec	PAKA		RESULI			
Flow #2  Flow width'" Ft, In Tape measure  Measured length' _" Ft, In Tape measure  Time of travel S Stop watch  Temperature Thermometer	☐Flow #1 —					Bolue
Flow #2  Flow width'" Ft, In Tape measure  Measured length' " Ft, In Tape measure  Time of travel S Stop watch  Temperature Thermometer						Tona maggura
Measured length " " Ft, In Tape measure  Time of travel S Stop watch  Temperature Thermometer			, ,,			·
Time of travel S Stop watch Temperature I Thermometer	□Flow #2		> 22			
Temperature i Thermometer						
	Tem					
PAA TOTA TOTA TOTA AND TOTAL AND TOT		oH				est strip/Probe
Ammonia mg/L Test strip						44

# Outfall Reconnaissance Inventory Field Sheet

CHECK IS	CHECK IS	IIOW: TYES	R .	(A) (A)	Control of the Contro			
INDICATOR	Present			DESCRIPTION	And the control of th	REI	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	☐ Rancid/sc ☐ Other:	/sour 🔲 Petroletim/gas	m/gas	1 – Faint	🗖 2 – Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Orange	☐ Gray ☐ Red	Yellow Other:	1 – Fairt 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 nôt 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	ith Flowing a	nd Non-Flov resent?	owing Outfalls	s (If No. Ship to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present	100		Contraction		COMMENTS	S
Outfall Damage		1.5	Spalling,	Spalling, Cracking or Chipping Corrosion	pping 📋 Peeling Paint	ц		
Deposits/Stains		g.		☐ Flow Line ☐	□ Paint □ Other			
Abnormal Vegetation		×.	☐ Excessive	Inhibited				
Poor pool quality		w I	Odors Osuds	Colors Excessive	Colors Divogrables Oil Sheen Excessive Algae	g.		
Pipe benthic growth			☐ Brown	Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	tfall Character	rization				78 7 18 8		
Unlikely	Potential (presence of two or more indi	sence of two c	or more indica	cators)	Suspect (one or more i	Suspect (one or more indicators with a severity of 3)	of 3)	
Section 7: Data Collection	tion	1						
1. Sample for the lab?			□ Yes	<b>G</b> No				
2. If yes, collected from:	::		Flow	☐ Pool				
3. Intermittent flow trap set?	set?		☐ Yes	ON	IF CS. Lyre. DOBM	BM Caulk dam		
			-					

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

Section 1: Backgi	round Data				
Subwatershed:	me		Outfall ID: <b>P</b>	07-16	
Today's date:	DEC 0 9 2024		Time (Military):	1140	
Investigators: M	KE ESEEMAN		Form completed b	Y MIKE FREEM	AN
Temperature (°F):	57° Rain	fall (in.): Last 24 hour	s: 💋 . Last 48 hour	s: Ø	
Latitude: N3 20	35' 56.87" Longitude:	N850 25 31	GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Drainag	e Area (Check all that apply):				
☐ Industrial			Open Space		
Ultra-Urban Resi	dential		Institutional		
☐ Suburban Reside	ntial		Other:		4, 444,44
☐ Commercial			Known Industries	:	
Notes (e.g., origin of	outfall, if known):				
	- @ WIRE &	France Los	- S	Cathall Can	101
LUKE	G MICE	46 26ME		100 (136)	TPTER
Section 2: Outfall	Description				
LOCATION	MATERIAL		HAPE	DIMENSIOUS (IN.)	SUBMERGED
	RCP CMP	Circular	Single	Diameter/Dimensions:	In Water:
	□ PVC □ HDPE	☐ Eliptical	☐ Double	18.	C Fully
Closed Pipe	☐ Steel	I] Box	☐ Triple		
	Other:	[] Other	Other:		Wish Sedament No
	8				☐ Pastolly □ Fully
	☐ Concrete	and the second s	and the section of the section of the	t to an the second seco	
	¹☐ Earthen	Trapezoid		Depth:	in a second
Open drainage	☐ rip-rap	Parabolic Parabolic		Top Width:	
	☐ Other:	☐ Other;		Bottom Width:	
☐ In-Stream	(applicable when collecting	r samples)		NEADER OF THE RES	
Flow Present?	Yes 2 No	THE RESERVE OF THE PARTY OF THE	Skip to Section 5	HIROSON TO THE PARTY OF THE PAR	
Flow Description			skip to Bection 5		1
(If present)	Trickle Moderat	te Substantial			
Section 3: Quanti	tative Characterization		0		
section 5. Quanti	tative Characterization	FIELD DATA FOR	FLOWING OUTFALL	S	
PAR	AMETER	RESULT			QUIPMENT
	Volume			Liter	Bottle
□Flow#1	Time to fill			Sec	
	Flow depth			In	Tape measure
☐Flow #2.	Flow width	7 27		Ft, In	Tape measure
Triow #2.	Measured length	9 99		Ft, In	Tape measure
	Time of travel			S	Stop watch
Tem	perature			°F	Thermometer
	pН			pH Units T	est strip/Probe
An	nmonia			mg/[.	Test strip

# Outfall Reconnulssance inventory Field Sheet

Section 7: Data Collection	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)	/E SEVERI  2 - Easily di  2 - Clearly viple bottle  2 - Some; ir of origin ( possible si sheen)	1 - Faint colors in sample bottle   1 - Faint colors in sample bottle   1 - Slight cloudiness   1 - Few/slight; origin not obvious   1 - Few/slight; origin   1 - Few/sli	Im/gas    Yellow   Other   Other	Red Grayy Red Gray Betro Gray Gray Bred Gray Gray Gray Gray Gray Gray Gray Gray	Rancid/s   Other.   Drounge   Orange   Orange	Sewage  Sulfide  Clear  Green  Present  Present	CNECK if Present  dicators for Bo that are not rela  CHECK if  CHE	Color  Color  Turbidity Floatables Floatables Trash!! Trash!!  Outfall Damage Deposits/Stains Abnormal Vegetation Poor pool quality Pipe benthic growth ection 6: Overall Out
					[ <b>G</b> No	] Yes			ple for the lab?
☐ Yes					Pool	Flow			If yes, collected from:
Yes			: C	The chart manney theory and the chart manney of the chart manney o		L Flow	]	;;   ¢	II yes, collected from:
					i.d.No	) yes	_		imple for the lab?
					ON D	] Yes			Sample for the lab?
The state of the s				MITCHEST CONTRACTOR OF TAXABLE PARTIES OF TAXABLE PARTIES.	1				
			ndicators with a severity	- 1		or more indic	ence of two	Potential (pres	
☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐				and spin-strate installed by a detection is not plant and assume					
Detential (presence of two or more indicators)			5		1		ization	tfall Character	ı 6: Overall Out
two or more indicators) [ Suspect (one or more indicators with a severity of 3)				3	Orange	Brown			benthic growth
D Brown   Orange   Other:				A Comments		cnnc			
□ Brown □ Orange □ Greet □ Other:  two or more indicators) □ Suspect (one or more indicators with a severity of 3) □			1.9.	oatables	Colors Excessive	Odors	= 4		or pool quality
Colors Colors Libratubles Col Sheen  Brown Crange Cother:  Charter Colors Colors Colors Colors Colors  Charter Colors Colors  Charter Colors  Cher.  Who or more indicators)  Suspect (one or more indicators with a severity of 3)				The Property of the Property o	- 1	☐ Excessive			ormal Vegetation
Decessive   Inhibited   Colors   Colo				6					eposits/Stains
Colly   Flow Line   Julint   Colors			ıt	Г	, Cracking or Cl		= 15		utfall Damage
Spalling, Cracking or Chilphing   Pecting Paint   Corrosion   Corrosion   Corrosion   Corrosion   Corrosion   Corrosion   Corrosion   Colors   Co	TS .	COMMENT		percha rion	PORT HE		Present	CHECK if	INDICATOR
Spalling, Cracking or Chilpping   Peeting Paint			tion 6)	1	wing Outfall Yes [9] N	and Non-Flo present? □	th Flowing ated to flow	dicators for Bo	n 5: Physical Inc
Yes   No   Child   No   Child   No   Child   No   Child   No   Child	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)	1 - Few/slight; origin not obvious	The Original American Company of the	-	(Toilet Paper, etc m (oil sheen)	Sewage (		loatables s Not Include Trash!!
wage (Toilet Paper, etc.)       Suds         troleum (oil sheen)       □ Other:         ring and Non-Flowing Outfails	3 - Opaque	□2 – Cloudy	1 – Slight cloudiness	4	See severity		1=-		111
See severity  The control of the complete control of the contro	3 – Clearly visible in outfall flow	2 – Clearly visible in sample bottle	1 – Faint colors in sample bottle	☐ Yellow ☐ Orher:	Gray	☐ Brown ☐ Orange	□Clear □Green		Color
Caracteristics	3 – Noticeable from a distance	2 – Easily detected	1 – Faint	m/gas	sour 🔲 Petrole	Rancid/s	Sewage Sulfide		Odor
1 - Faint   Petroleum/gas     1 - Faint	(1-3)	LATIVE SEVERITY INDEX	RE		DESCRIPTIO			CMECK If	DICATOR

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

Section 1: Backg	Same and the same			<del></del>	
Subwatershed:	pone		Outfall ID:	207-17	
Today's date:	DEC 0 9 2024		Time (Military)	1.30	Ł
Investigators:	KE FREEMW		Form complete	d by: MIKE FREEM	AN
Temperature (°F):	2	Rainfall (in.): Last 24 hour		ours: 🎉	
Latitude: N32°	35 56.83" Longitu	ide: W850 29 31.93	GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Drainag	e Area (Check all that apply):				
☐ Industrial			'□ Open Space	:	
Ultra-Urban Resi	dential		nstitutional	1	
☐ Suburban Reside	ntial		Other:		NA AND AND AND AND AND AND AND AND AND A
☐ Commercial			Known Industri	ies:	
Notes (e.g., origin of	Football	Complex	moles	Sanford	
LOCATION	MATERIAL		HAFE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	PVC HE  Steel  Other:  Concrete  Earthen		Single Double Triple Other:	Diameter/Dimensions:  Depth:	In Water No Partially Full
Open drainage	☐ rip-rap ☐ Other:	Other:		Bottom Width:	
☐ In-Stream	(applicable when colle	cting samples)			VIII MARIANIANIA
Flow Present?			Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Mo				
Section 3: Quant	itative Characterizatio		FLOWING OUTFA	ILS	epropie, in terms
PAR	AMETER	RESULT			QUIPMENT
	Volume			Liter	Bottle
□Flow#1	Time to fill			Sec	
	Flow depth			In .	Гаре measure
□Flow #2	Flow width	2 23		Ft, In	Гаре measure
	Measured length .	, ,,		Ft, In	Гаре measure
	Time of travel			S	Stop watch
Ten	perature			°F	Thermometer
	pH	*		pH Units T	est strip/Probe
Ar	mmonia			mg/L	Test strip

# Outfall Recommissance Inventory Field Sheet

Clear   Brown   Gray   Clear   Clear	AIC AILY FHYSICAL INDICATORS FILESCHE III LIE HOW THY ES	OIS FIESCHE III LIE	now: Lives	oNL1	(a) (b)	(1) 140, Talk to receive of the			
Color         Color <t< th=""><th>INDICATOR</th><th>Present</th><th></th><th>DE</th><th>SCRIPTION</th><th></th><th>REI</th><th>ATIVE SEVERITY INDEX (</th><th>1-3)</th></t<>	INDICATOR	Present		DE	SCRIPTION		REI	ATIVE SEVERITY INDEX (	1-3)
Turbidity   Color   Clear	Одог		Sewage Sulfide	Rancid/sour	☐ Petroleuïr	र/ध्रवः	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Floatibles	Color		□Clear □Green	☐ Brown ☐ Orange	☐ Gray ☐Red	Yellow Gother:	☐ 1 – Fairt colors in sample bottle	2 – Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Floatibles   Carbon   Carbo	Turbidity.			3	see severity		☐ 1 – Slight cloudiness	□2 - Cloudy	3 - Opaque
ction 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls           Exposited indicators that are not related to flow present         Type         Not that Not are set indicators that are not related to how present?         Type         Type         Shift to Section 6)           Outfall Damage         CHECK if Present	Floatables -Does Not Include Trashil	ο.	Sewage (7		Suds Other:		1 – Few/slight, origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
INDICATOR         CHECK if Present         CHECK if Present         CHECK if Present         CHECK if Present         Check in Present         Check in Present         Check in Corrosion	Section 5: Physical In	dicators for Bo	oth Flowing a	nd Non-Flowir resent? □\	ng Outfalls		tion 6)		
Outfall Damage         □ Spalling Cracking or Chipping         □ tecling Paint         □ tecling Paint           Deposits Stains         □ Dily         □ Floov Line         □ phor           Abnormal Vegetation         □ Doliy         □ Facesive         □ Inhibited         □ Other           Poor pool quality         □ Dolos         □ Colors         □ Colors         □ Facesive Algae         □ Other           Pipe benthic growth         □ Brown         □ Orange         □ Green         □ Other           Ction 6: Overall Outfall Characterization         □ Brown         □ Orange         □ Green         □ Other           A Unlikely         □ Potential (presence of two or more indicators)         □ Suspect (one or more indicators with a severity of 3)         □           Sample for the lab?         □ Yes         □ No         □ Pool           If yes, collected from:         □ Flow         □ Pool         □ Pool           Intermittent flow trap set?         □ Yes         □ No         □ Pool	INDICATOR	CHECK if	Present		31	NESCRIPTION.		COMMENT	10
Deposits/Stains         □ Oily □ Flow Line □ Paint         □ Other	Outfall Damage				acking or Chip		Ħ		
Abnormal Vegetation         □ Excessive         □ Inhibited           Poor pool quality         □ Odors         □ Colors □ Colors □ Colors □ Orange         □ Other:         □ Other:           Pipe benthic growth         □ Brown         □ Orange         □ Green         □ Other:         □ Other:           Ction 6: Overall Outfall Characterization         Image: Color of the Color	Deposits/Stains				w Line				
Poor pool quality         □ Odors □ Suds         □ Colors □ Colors □ Colors         □ Floatatables □ Other:         □ Oil Sheen         □ Oil Sheen           Pipe benthic growth         □ Brown         □ Orange         □ Green         □ Other:         □ Other:           Ction 6: Overall Outfall Characterization           Ction 7: Data Collection         □ Potential (presence of two or more indicators)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (o	Abnormal Vegetation				] Inhibited	- Anna			
Ction 6: Overall Outfall Characterization         □ Brown □ Orange □ Green □ Other.         □ Green □ Other.         □ Other.           Ction 6: Overall Outfall Characterization         Suspect (one or more indicators)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a severity of 3)         □ Suspect (one or more indicators with a seve	Poor pool quality				Colors Excessive A	1	u		
ction 6: Overall Outfall Characterization    Unlikely   Potential (presence of two or more indicators)   Suspect (one or more indicators with a severity of 3)   Ction 7: Data Collection    Sample for the lab?   Yes   No   Pool     If yes, collected from:   Flow   Pool     Intermittent flow trap set?   Yes   No   If Yes, type:   OBM   Caulk dam	Pipe benthic growth				] Orange				
Collikely   Potential (presence of two or more indicators)   Suspect (one or more indicators with a severity of 3)   Colling	Section 6: Overall Ou	tfall Character	rization						
Sample for the lab?  If yes, collected from:  Intermittent flow trap set?  Sample for the lab?  If Yes  If Yes, type:  Intermittent flow trap set?	☑ Unlikely	Potential (pres	sence of two o	r more indicato	rs)	Suspect (one or more i	ndicators with a severity of		
Sample for the lab?  If yes, collected from:  Intermittent flow trap set?  Sample for the lab?  If Yes, type:  OBM	Section 7: Data Collec	tion					· · · · · ·		
If yes, collected from:       ☐ Flow       ☐ Pool         Intermittent flow trap set?       ☐ Yes       ☐ No       If Yes, type:       ☐ OBM       [	1. Sample for the lab?		1		oN	The Company of the Co			
Intermittent flow trap set?		n:			□ Pool		×.		
		p set?		Yes	°X 🗆	111			

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

Section 1: Back					
Subwatershed:	me		Outfall ID:	07.18	
Today's date:	DEC 0 9 2024		Time (Military):	1200	
Investigators: N	IKE ESFEMIN		Form completed	by: MIKE FREEMA	N
Temperature (°F):	60° Ra	infall (in.): Last 24 hours:			
Latitude: \\ 39	35' 56-54' Longitude	W85 29 31.60	" GPS Unit:	GPS LMK	#:
Camera:			Photo #s:	***	
Land Use in Draina	ge Area (Check all that apply):				
☐ Industrial			Open Space		
Ultra-Urban Res	idential		Institutional		
☐ Suburban Reside	ential	(*_	Other:		
☐ Commercial			Known Industrie	s:	
Notes (e.g., origin o	f outfall, if known):	The second secon	-		
	, ,				
		September 1	-	1,00	
Section 2: Outfa	H Description		***		
LOCATION	MATERIAL	SI	LAPE .	DIMENSIONS (IN.)	SUBMERGED
	TRCP □ CMP	Of Circular 11.	ingle single	Diameter/Dimensions:	In Water.
	□ PVC □ HDPI	E   Eliptical	☐ Double	42'	Partially
Glosed Pipe	☐ Steel	☐ Bax	Triple		( Fully
	Other:	Coher:	Other:		Ø No.
		\$			13 florido
postantina de la constantina del constantina de la constantina del constantina de la constantina del	Concrete			77000	SOMMON AND
	Earthen	☐ Trapezoid		Depth:	
Open drainage		☐ Parabolic		Top Width:	
	☐ rip-rap	☐ Other:		Bottom Width:	
	Other:				
☐ In-Stream	(applicable when collecti				
Flow Present?	☐ Yes 🐼	No If No, Sk	sip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Mode	rate Substantial			
Section 3: Ouant	itative Characterization				
	The sales of the sales	FIELD DATA FOR F	LOWING OUTFAL	LS	
PAR	AMETER	RESULT	W-10 10 -1	UNIT	QUIPMENT
ΠΕΙο#1	Volume			Liter	Bottle
□Flow#1 —	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow #2	Flow width	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ft, In	Tape measure
	Measured length	, , , , , , , , , , , , , , , , , , ,		Ft, In	Tape measure
	Time of travel			S	Stop watch
Ter	mperature		et.	°F	Thermometer
	рН			pH Units T	est strip/Probe
A	mmonia			mg/L	Test strip

# Outfall Reconstissance inventory Field Sheet

(If No, 19th to Section 5)

Section 4: Physical Indicators for Flowing Gutfalls Only Are Any Physical Indicators Present in the flow?  $\Box \gamma_{\rm es}$ 

INDICATOR	CHECK if Present		DESCRIPTION	RE	RELATIVE SEVERITY INDEX (1-3)	(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 ☐ Yeftow ☐ Orange ☐ Red ☐ Other:	1 - Faint colors in sample bottle	☐ 2 — Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity			See severity	☐ 1 — Slight cloudiness	$\square_2$ – Cloudy	3 - Opaque
Floatables -Does Not Include Trash!!		Sewage (Toilet Paper	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other:	☐ 1 — Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Section 5: Physical Indicators for Both Flowing and Non-Fl Are physical indicators that are not related to flow present?	ndicators for Bo s that are not rela	th Flowing an	nd Non-Flowing Outfails resent?	ction 6)		
INDICATOR	CHECK if Present	Present	OBSCRIPTION		COMMENTS	S
Outfall Damage			Spalling, Cracking or Chithping Perling Paint Corrosion	ıu		
Deposits/Stains		-	Oily   Flow Line   Dynim   Diher:			
Abnormal Vegetation			□ Excessive □ Inhibited			
Poor pool quality			☐ Odors ☐ Colors ☐ Floatubles ☐ Oil Sheen ☐ Studs ☐ Excessive Algae ☐ Other:	- T		s.
Pipe benthic growth			☐ Brown ☐ Orange ☐ Circen ☐ Other:			
Section 6: Overall Outfall Characterization	utfall Character	ization		,		
Unlikely	Potential (presence of two or more indi	ence of two o	or more indicators) Suspect (one of more indicators with a severity of 3)	indicators with a severity	of 3) $\square$ Obvious	
Section 7: Data Collection	etion			St. 9		
1. Sample for the lab?			□ Yes			
2. If yes, collected from:	m:		Tlow Dool	77 (5)		
3. Intermittent flow trap set?	ap set?		☐ Yes ☐ No If Yes, 1ype: ☐ ☐	JOBM 🔲 Caulk dam		
Section 8: Any Non-I	Ilicit Discharge	Concerns (e.	Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure regules)?			

Illicit Discharge Defection and Elimination: Technical Appendices

Section 1: Backg					
Subwatershed:	MC		Outfall ID: P&	3-08	
Today's date:	DEC 0 9 2021		Time (Military):	1205	ŧ
Investigators:	IKE FREEMAN		Form completed by	MIKE FREEM	KN
Temperature (°F):		ainfall (in.): Last 24 hours	s: 😿 Last 48 hours:		
Latitude: N3Z°	36' 54.22" Longitud	e: W85 79 48.	SZ GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Drainag	e Area (Check all that apply):				
☐ Industrial			Open Space		
Ultra-Urban Resi	dential		Institutional		
☐ Suburban Residen	ntial		Other:		
☐ Commercial			Known Industries:		
Notes (e.g., origin of	outfall, if known):	· ja er er sarrakrisan			
	South 8	DE MEW	HARTER		
			110	130-7	
Section 2: Outfal					
LOCATION	MATERIAL	The second secon	HAPE	DIMENSIONS (IN.)	SUBMERGED
	<b>ÆO</b> RCP □ CMF	1	Single	Diameter/Dimensions:	In Water:
	PVC HDP	E  Eliptical	☐ Double	/2	Partially
Closed Pipe	☐ Steel	□ Bus	Triple		A (III Sedemon
	Other:	Li Other	Other		<b>10</b> 6
					1 , . <u>110</u> 11
	☐ Concrete		gagagina de la como construir de la como de		
	Earthen	Trapezoid		Depth;	Simming the
Open drainage	☐ rip-rap	☐ Parabolic		Top Width:	
	Other:	Other:		Bottom Width:	
☐ In-Stream	(applicable when collect	ting complet)		100000000000000000000000000000000000000	XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Flow Present?			Skip to Section 5		
Flow Description	☐ Trickle ☐ Mod		- Spirite	The second second second	***************************************
(If present)	I Trickle	erate	and the second	CONTRACTOR OF THE CONTRACTOR O	
Section 3: Quant	itative Characterization				
	the second		FLOWING OUTFALLS		
PAR	AMETER	RESULT		UNIT	QUIPMENT
Flow#1	Volume			Liter	Bottle
	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow#2	Flow width	> >>		Ft, In	Tape measure
	Measured length			Ft, In	Tape measure
	Time of travel			S	Stop watch
Ten	perature				Thermometer
	рН		p	H Units T	est strip/Probe
Ar	nmonia			mg/L	Test strip

# Outfall Reconnational inventory Field Sheet

Odor         □ Sewage         □ Rancid/sour         □ Petroleum           Color         □ Sulfide         □ Other:         □ Gray           Turbidity         □ Green         □ Orange         □ Gray           -Does Not Include         □ Sewage (Toilet Paper, etc.)         □ Suds           Trash!         □ Sewage (Toilet Paper, etc.)         □ Suds           Are physical indicators that are not related to flow present?         □ Other:           INDICATOR           Check if Present         □ Spalling, Cracking or Chill           Outfall Damage         □ Gorysion           Deposits/Stains         □ Gorysion           Phoor pool quality         □ Excessive         □ Inhibited           Ploor pool quality         □ Godors         □ Colors	Sewage   Rancid/sour   Petroleun/gus  Sulfide   Other.  Clear   Brown   Gray   Vellow   See severity  Sewage (Toilet Paper, etc.)   Suds  Petroleum (oil sheen)   Other.  Owing and Non-Flowing Outfailis   Other   Ot	☐ 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)
Color   Color   Color   Color   Brown   Color   Turbidity   Color   Color   Coronge   Color	Tellow   Sample bottle   Sample bottle   Sample bottle	
Floatables -Does Not Include Trash!  Section 5: Physical Indicators for Both Flowing and Non-Flowing Are physical indicators that are not related to flow present?  INDICATOR  Outfall Damage  Deposits/Stains  Poor pool quality  Flowing and Non-Flowing CHECK if Present  CHECK if Present  Check if Present  Corrosion  Dodors  Dodors  Dodors  Dodors  Dodors  Dodors  Dodors  Dodors  Deposits/Stains  Dodors  D	I - Slight cloudiness   I 2 - Cloudy   I 2 - Some; in   I 3 - Some; in   I 4 - Section 6   I 4 - Section	
Floatables -Does Not Include Trash!  Section 5: Physical Indicators for Both Flowing and Non-Flowing Are physical indicators that are not related to flow present?  INDICATOR  CHECK if Present  Outfall Damage  Outfall Damage  Deposits/Stains  Poor pool quality    Condors   Code	Tew/slight; origin of origin (V.Nr., Skin to Section 6)	
Section 5: Physical Indicators that are not related to flow present?         INDICATOR       CHECK if Present         Outfall Damage       Image: Crack of the control of the cont	W. V. Skin to Section 6)  Property Company Com	*TS
CHECK if Present	Spalling, Cracking or Chilping   Pecling Paint   Corrosion   Corrosion   Corrosion   Corrosion   Coriginal   Crefet   Coling   Colong	MTS
Spalling, C   Corrosion   Corrosion   Corrosion   Corrosion   Corrosion   Coliy   Fill   Fill   Excessive   Colors   C	ing, Cracking or Chiliping	
Doily   Fig. 18   Color   Colo	Flow Line   Haint   LD CA   Inhibited   Calons	
□ Excessive □ Odors □ Suds	ive Inhibited	
Odors Daug	The state of the s	
	Excessive Algae	
Pipe benthic growth □ □ Brown □		
Section 6: Overall Outfall Characterization	п	
Unlikely Detential (presence of two or more indicators)	of two or more indicators)	
Section 7: Data Collection		
1. Sample for the lab?	☐ Yes	
2. If yes, collected from:		
3. Intermittent flow trap set?	☐ Yes ☐ No If Yes, type: ☐OBM ☐ Caulk dam	

Section 1: Backgro			Owell ID: O	All is	
	MC 0 0 2024			1210	
Today's date:	DEC 0 9 2024		Time (Military):		
Investigators:	KE FREEMAN Rain	6.11.C- \ I - + 24.h		BY:MIKE FZEE	MAN
		nfall (in.): Last 24 hours:	V		
	6 61.41" Longitude:	M850 29 46.8		GPS LM	K #:
Camera:	. (7) 1 111		Photo #s:		
Land Use in Drainage	Area (Check all that apply):				
☐ Industrial			Open Space		
Ultra-Urban Reside	ential		Institutional		
☐ Suburban Resident	ial	8	Other:		· rectange of the control of the con
☐ Commercial			Known Industrie	s:	
Notes (e.g., origin of o	st of soft	BALL CO	MOLEX		
LOCATION	MATERIAL	SI	IAPE	DIMENSIONS (IN.)	SUBMERGED
	DACEP ENCMP	Circular	Single	Diameter/Dimensions:	In Water:
	□ PVC □ HDPE	☐ Eliptical	Double		Partially Fully
Closed Pipe	☐ Steel	□ Box	Triple		With Scalingers:
	Other:	Other:	Other		Discontinuous Contractinuous Contractinuo Contractinuo Contractinuo Contractinuo Contractinuo Co
	Concrete	☐ Trapezoid		Depth:	
П О dt	Earthen	☐ Parabolic		*	VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Open drainage	☐ rip-rap			Top Width:	
	Other:	Other:		Bottom Width:	
 ☐ In-Stream	(applicable when collecting	g samples)		A TO LEGISLATION	
Flow Present?	☐ Yes	e If No, SI	kip to Section 5	and the second state of the second second	
Flow Description (If present)	☐ Trickle ☐ Modera	ate			
Section 3: Quantita	ative Characterization				
		FIELD DATA FOR I	FLOWING OUTFAL		DE LA RESPONSA A DESCRIPTION
PAKA	METER	RESULT		UNIT	EQUIPMENT
□Flow #1	Volume			Liter	Bottle
	Time to fill  Flow depth			Sec	Tape measure
	Flow depth  Flow width	22		Ft, In	Tape measure  Tape measure
□Flow #2	Measured length	, ;		Ft, In	Tape measure  Tape measure
	Time of travel			S	Stop watch
Tomp	erature			°F	Thermometer
	oH			pH Units	Test strip/Probe
				mg/I	Test strip
Amr	nonia			mail	Legt strin

# Outfall Reconnaissance inventory Field Sheet

Odor         Suffice           Colorer           Co	INDICATOR	CHECK if Present		٥	DESCRIPTION				REL	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Color   Col	Odor		Sewage Suffide	Rancid/sou	ır 🔲 Petroleu	m/gas		] 1 – Faint		2 - Easily detected	3 – Noticeable from a distance
Turbidity   Turb	Color		□Clear □Green	☐ Brown ☐ Orange	☐ Gray	☐ Yellow ☐Other:	LJ	1 1 – Faint color sample bottl	s in	2 – Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Petroleule   Carachi   C					See severity		Ш		diness	□2 – Cloudy	3 - Opaque
re physical Indicators for Both Flowing and Non-Flowing Outfails  INDICATOR  INDICATOR  CHECK If Present  Outfall Damage  Outfall Damage  Outfall Damage  Outfall Damage  Deposits/Stains  Abnormal Vegetation  Prop benthic growth  Prop benthic growth  Prop benthic growth  Colors  Colors  Deposits/Stains  Abnormal Vegetation  Countable of the lab?  Colors  Colors  Deposits/Stains  Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/Deposits/De	Floatables :: -Does Not Include Trash!!	0	Sewage (7	Foilet Paper, etc.)				] 1 – Few/slight ot obvious	, 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         CHECK if Present         Present         Present         Precision or Chipping         □ Preling Paint           Outfall Damage         □ Outfall Damage         □ Outfall Damage         □ Outfall Damage         □ Precision or Chipping         □ Precision or Chipping         □ Other           Abnormal Vegetation         □ Outfall Characterization         □ Odors         □ Colors         □ Other         □ Other           Pipe benthic growth         □ □ Outfall Characterization         □ Orange         □ Green         □ Other         □ Other           AB Unlikely         □ Potential (presence of two or more indicators)         □ Suspect (orte or triore indicators with a severity of 3)         □ Other           Sample for the lab?         □ Pool         □ Pool         □ No.         □ No.         □ No.           If yes, collected from:         □ Pool         □ No.         □ No.         □ No.         □ No.	Section 5: Physical In Are physical indicators	dicators for Bo	ith Flowing an		ing Outfall Yes   No	ak (J)	Stip to Section	(9 u			
Outfall Damage         □ Spalling, Cracking or Chipping         □ Peoling Paint           Deposits/Stains         □ Oily         □ Flow Line         □ pinit           Abnormal Vegetation         □ Oily         □ Flow Line         □ pinit           Poor pool quality         □ Odors         □ Colors         □ pine penthic growth         □ Odors         □ Colors           Pipe benthic growth         □ Brown         □ Orange         □ Green         □ Other:           Pipe benthic growth         □ Brown         □ Orange         □ Green         □ Other:           A Unlikely         □ Potential (presence of two or more indicators)         □ Suspect (offe or ritore indicators with a severity of 3)         □ Suspect (offe or ritore indicators with a severity of 3)           Sample for the lab?         □ Yes         □ Pool           If yes, collected from:         □ Pool	INDICATOR	CHECK IF	Present			DESCRIPTION	1000	3 40%		COMMENT	Ş
Deposits/Stains         □ Oily         □ Flow Line         □ Point         □ Other           Abnormal Vegetation         □ Excessive         □ Inhibited         □ Other         □ Other           Pipe benthic growth         □ Odors         □ Colors         □ Flouribites         □ Other           Pipe benthic growth         □ Brown         □ Orange         □ Green         □ Other           Ection 6: Overall Outfall Characterization         □ Brown         □ Orange         □ Green         □ Other           A Unlikely         □ Potential (presence of two or more indicators)         □ Suppect (offe or ritore indicators with a severity of 3)         □ Sample for the lab?           Sample for the lab?         □ Yes         □ No         □ No         □ Other           If yes, collected from:         □ Pool         □ Pool         □ Collected         □ Collected	Outfall Damage			1	racking or Ch	.0	Peeling Paint				
Abnormal Vegetation         □ Excessive □ Inhibited           Poor pool quality         □ Odors □ Colors □ Colors □ Colors □ Oil Sheen         □ Odors □ Colors □ Oil Sheen         □ Other: □ Other	Deposits/Stains				low Line		yher				
Poor pool quality       Poor pool quality       Colors	Abnormal Vegetation			☐ Excessive	Inhibited			7			
Pipe benthic growth       Image: Control of the control	Poor pool quality			Odors	Colors Excessive	DFloutables Algae	Oil Sheen	2			
ection 6: Overall Outfall Characterization  Conclusion 7: Data Collection  Sample for the lab?  Sample for the lab?  If yes, collected from:  If yes, collected from:  If yes, the lab?	Pipe benthic growth			Brown	Orange	Green	Other:	X I			
Conflikely Detential (presence of two or more indicators) Suspect (offe of rifore indicators with a severity of 3) Cample for the lab?  Sample for the lab?  If yes, collected from: Plow Pool Cample from the lab. Cample from the lab. Cample from C	Section 6: Overall Ou	tfall Character	rization			の のでは、 での をは、 これのでは、 これのです。 これのでき					
Sample for the lab?  If yes, collected from:  Intermittant flow tran cet?  Intermittant flow tran cet?  Intermittant flow tran cet?	Unlikely	Potential (pres	sence of two c	vr more indical			e or rhore indi	cators with a	severity o		
Sample for the lab?  If yes, collected from:  Intermittant flow tran cet?  Intermittant flow tran cet?  Intermittant flow tran cet?	Section 7: Data Collec	tion						P4.			
If yes, collected from:	1. Sample for the lab?			Yes	ON D	A CONTRACTOR OF THE CONTRACTOR					
Intermittent flow tran cof?		:u		Flow	Dool						
internation day set:	3. Intermittent flow trap set?	p set?		Yes	°N □	If Yes, type:	ype: □OBM		lk dam		

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

Section 1: Backgro	ound Data				
Subwatershed:	NC		Outfall ID:	09-02	
Today's date:	DEC 0 9 2024		Time (Military):	1220	ŧ
Investigators: \( \lambda \lam	LE ESEEMAN		Form completed by	MIKE FREE	m
Temperature (°F):	O( Rain	nfall (in.): Last 24 hours	Last 48 hours:	Ø	
Latitude: \330'35	בא.ע" Longitude:	N45° 29' 47.29"	GPS Unit:	GPS I	LMK #:
Camera:			Photo #s:		
Land Use in Drainage	Area (Check all that apply):				
☐ Industrial			'☐ Open Space		
Ultra-Urban Reside	ential		Institutional		
☐ Suburban Residenti	ial		Other:		the state of
☐ Commercial			Known Industries:		
Notes (e.g., origin of or	utfall, if known):				
R1614T	OF SOFTER	tel 1000	RO BU	66-0	
		and the second s			The second secon
Section 2: Outfall l			TO STATE OF	DIMENS NO (TI	eriories of the
LOCATION	MATERIAL	Comparation of the comparation of the	IAPE	DIMENSIONS (II	THE R. P. LEWIS CO., LANSING, SINGLE-STREET, SANSAN, S
	CMP CMP	Circular .	mgle	Diameter/Dimensions:	In Water:
	□ PVC □ HDPE	[] Eliptical	☐ Double	91	Partially
Closed Pipe	☐ Steel	□Bex	[ friple	V.	WithSedin
	[] Other:	[] Other:	Li Other		10
		Ţ		La companya da	☐ Periods ☐ Fully
	☐ Concrete				
	Earthen	Trapezoid		Depth:	viiniiniiniiniinii
Open drainage	☐ rip-rap	Parabolic		Top Width.	
	Other:	Other;		Bottom Width:	
☐ In-Stream	(applicable when collecting	g samples)			
Flow Present?	ZOYes □ N		kip to Section 5		
Flow Description	rickle Modera		The state of the s		eleter
(If present)	T Widdela	Substantial			
Section 3: Quantita	ative Characterization				
		FIELD DATA FOR I	FLOWING OUTFALL:	5	
PARAI	METER	RESULT		UNIT	EQUIPMENT
□Flow#1	Volume			Liter	Bottle
	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow #2	Flow width			Ft, In	Tape measure
	Measured length	, ,,		Ft, In	Tape measure
	Time of travel			S	Stop watch
Temp	erature			°F	Thermometer
р	Н		F	oH Units	Test strip/Probe
Δmn	nonia			mg/L	Test strip

# Outfall Reconnection of Pield Sheet

(IF No. Skip to Section 3)

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?  $\Box \gamma_{es}$ 

(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)					
REL	1 - Faint	☐ 1 – Faint colors in sample bottle	1 – Slight cloudiness	1 – Few/slight; origin not obvious	tion 6)		it.			Se C			ndicators with a severity of	- 5-			BM Caulk dam	
DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	wn Gray (Vellow nge   Red   Chine)	See severity	r, etc.) □Suds ) □Other:	Flowing Outfalls (17 Ng. Skip to Section 6)	OCECUTA CIM	Spalling, Cracking or Chirpfing Tj. Peeling Paint Corrosion	Plow Line [Paint [100ist	sive 🔲 Inhibited	Colors Drightables Oil Sheen Excessive Algae	n Orange Utlern Dither.	e gy en	ndicators) [ Suspect (one of more indicators with a severity of 3)	Life, c.	(A)	□ Pool	□ No If ver types □OBM	
	☐ Sewage ☐ Rancio	□Clear □ Brown □ Green □ Orange		☐ Sewage (Toilet Paper, etc.) ☐ Petroleum (oil sheen)	Flowing and Non- d to flow present?	esent	Spa		Excessive	Odors	☐ Brown	ation	☐ Potential (presence of two or more indicators)		☐ Yes	Flow	☐ Yes	
CHECK if Present		0			ndicators for Both s that are not relate	CHECK if Present						ıtfall Characteriz	Potential (preser	ction		m:	ıp set?	
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	ection 6: Overall Outfall Characterization	Unlikely	section 7: Data Collection	. Sample for the lab?	If yes, collected from:	. Intermittent flow trap set?	

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

Section 1: Backgi	round Data				
Subwatershed: P	ne		Outfall ID: Q	63.31	<u> </u>
Today's date:	DEC 0 9 ZUZ4		Time (Military):	1230	•
Investigators: M	le Freeman	H 10	Form completed by	MIKE FREEN	W
Temperature (°F):	IO( Rain	nfall (in.): Last 24 hours:	Last 48 hours:	Ø	
Latitude: \32° 36	Da 27 Longitude	N850 29 49.11"	GPS Unit:	GPS L	MK #: =
Camera:			Photo #s:		
Land Use in Drainage	e Area (Check all that apply):				
☐ Industrial			¹☐ Open Space		
Ultra-Urban Resid	dential		Institutional		
Suburban Resider	ntial	*	Other:		
☐ Commercial			Known Industries:		
Notes (e.g., origin of	SIGM	Nu			
Section 2: Outfall LOCATION	MATERIAL	SH SH	APE	DIMENSIONS (IN	SUBMERGED
	PRCP □ CMP	Circular	Single	Diameter/Dimensions:	In Water:
			Double	30	□ No
	PVC HDPE	Eliptical			— Fud
Closed Pipe	Steel	Box	Triple		With Sedament
	Other:	Cther:	Ciher:		Trice Finitely
anagan ing panggan ang kanggan ang kanggan ang kanggan na kanggan ang kanggan na kanggan na kanggan na kanggan	☐ Concrete	☐ Trapezoid	orbin to de transporte de servición de servicio de ser	Depth:	
	Earthen	1_			VIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Open drainage	□ гір-гар	Parabolic		Top Width:	
	☐ Other:	Other;		Bottom Width:	
☐ In-Stream	(applicable when collectin	g samples)	_A\$1005		
Flow Present?	Yes   N	o If No, Sk	ip to Section 5		
Flow Description (If present)	☐ Trickle	ate Substantial	YERRLY		
Section 3: Quanti	tative Characterization				
	barra wez,	FIELD DATA FOR F	LOWING OUTFALLS		
PAR	AMETER	RESULT		UNIT	EQUIPMENT
□Flow#1	Volume			Liter	Bottle
	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow#2	Flow width	· · · · · · · · · · · · · · · · · · ·		Ft, In	Tape measure
	Measured length	390		Ft, In	Tape measure
	Time of travel			S	Stop watch
Tem	perature			°F .	Thermometer
	рН		р	H Units	Test strip/Probe
An	nmonia			mg/L	Test strip

# Outfall Recommissance in entory Field Sheet

Are Any Figure indicators resent in the flow: Lives 100 (4) 195, for the flow of the flow
Relative Severity   Petroleulivigns   Clother:   Clo
Description   Detroleuity@as   Continue   Detroleuity@as   Continue   Detroleuity@as   Continue   Detroleuity@as   Continue   Con
See Severity   Petroleuint gas
See Severity   Petroleuint gas
See Severity   Petroleum' gas
See Severity   Petroleum'gas
Secretaring   Petroleumingss   Comments
See Severity   Petroleuint gas   Cleary   Petroleuint gas   Cleary   Petroleuint gas   Cleary   Petroleuint gas   Cleary   Clea
Description   Petroleuitygins   Classification   Petroleuitygins   Classification   Clas
DESCRIPTION   Petroleuit/gas   Color   Petroleuit/gas   Color   Petroleuit/gas   Color   Co
DESCRIPTION   Petroleulitygas
DESCRIPTION   Petroleuit/gas
DESCRIPTION   Petroleuit/ligas     1 - Faint
DESCRIPTION   Petroleuit/lgas     1 - Faint     2 - Easily detected   3 - 3 - 4
Description   Detection   Description   D
Description   Detroleuit/gas     Display
DESCRIPTION   Petroleuit/vgas
Description   Petroleunivgas       1 - Faint
DESCRIPTION   Petroleuin/gas     Dispinit   Dispinit   Dispinit   Detroleuin/gas   Dispinit   Di
DESCRIPTION   Petroleuitygas
PESCRIPTION   Petroleuth/gas
DESCRIPTION   Petroleuit/gas
PESCRIPTION   Petroleuit/gas   Carolina   Petroleuit/gas   Carolina   Colons   Carolina   Colons   Carolina   Colons   Carolina   Colons   Carolina
Petroleuth/gas
DESCRIPTION     Petroleuth/gas
DESCRIPTION   RELATIVE SEVERITY INDEX (1-3)     Isour
DESCRIPTION   RELATIVE SEVERITY INDEX (1-3)
Description       RELATIVE SEVERITY INDEX (1-3)         Usour □ Petroleuity@as       □ 1 - Faint       □ 2 - Easily detected       □ 3         t □ □ Gray       □ Yellow       □ 1 - Faint colors in sample bottle       □ 2 - Clearly visible in sample bottle       □ 3         See severity       □ 1 - Slight cloudiness       □ 2 - Cloudy       □ 3         stc.) □ Suds       □ 1 - Few/slight, origin       □ 2 - Some; indications of origin (e.g., possible suds or oil sheen)       □ 3         qwing Outfalls       □ 1 - Few/slight, origin       □ 1 - Few/slight, origin       □ 2 - Some; indications of origin (e.g., possible suds or oil sheen)       □ 3         ig. Cracking or Chiliphing       □ Preling Paint       □ Other:       COMMENTS         □ Flow Line       □ Paint       □ Other:       COMMENTS
PescRIPTION    Jeour   Petroleuit/gas   Jeour   Petroleuit/gas   Jeour   Petroleuit/gas   Jeour   Petroleuit/gas   Jeour   Petroleuit/gas   Jeour   Petroleuit/gas   Jeour   Jeroleuit/gas   Jeroleui
DESCRIPTION   Petroleuin/gas   Comments
PESCRIPTION  Wour □ Petroleuifv@as    □   -Faint □   □ - Faint □   □ - Clearly visible in □   □ - Faint □   □ - F
DESCRIPTION   RELATIVE SEVERITY INDEX (1-3)
DESCRIPTION       RELATIVE SEVERITY INDEX (1-3)         Usour □ Petroleuit/gas       □ 1 - Faint       □ 2 - Easily detected       □ 3         to □ Gray       □ Yellow       □ 1 - Faint colors in sample bottle       □ 2 - Clearly visible in sample bottle       □ 3         See severity       □ 1 - Slight cloudiness       □ 2 - Cloudy       □ 3         stc.) □ Studs       □ 1 - Few/slight, origin       □ 2 - Some; indications of origin (e.g., possible suds or oil sheen)       □ 3         qwing Outfails       □ Other:       □ 0 ther:       □ 1 - Few/slight, origin sheen)       □ 1 - Few/slight, origin sheen)       □ 3         Qwing Outfails       □ Other:       □ Section 6)       □ Section 6)       □ Section 6)
DESCRIPTION   RELATIVE SEVERITY INDEX (1)   Make   Caray   Yellow   Caray   Caray visible in sample bottle   Caray visible   Caray visible   Caray visible   Caray visible   Caray visible   Caray visible
DESCRIPTION       RELATIVE SEVERITY INDEX (1-3)         Usour □ Petroleuit/gas       □ 1 - Faint       □ 2 - Easily detected       □ 3         t □ Gray       □ Yellow       □ 1 - Faint colors in sample bottle       □ 2 - Clearly visible in sample bottle       □ 3         See severity       □ 1 - Slight cloudiness       □ 2 - Cloudy       □ 3         stc.) □ Studs       □ 1 - Few/slight, origin       □ 2 - Some; indications of origin (e.g., possible suds or oil sheen)       □ 3         qwing Outfails       □ 1 - Few/slight, origin       □ 1 - Few/slight, origin       □ 3 - Few/slight       □ 3 - Few/slig
CHECK if Present         DESCRIPTION         RELATIVE SEVERITY INDEX (1-3)           Present         □ Sewage         □ Rancid/sour □ Petroleuit/gas         □ 1 - Faint         □ 2 - Easily detected         □ 3           □ Clear         □ Other:         □ Clear         □ Rown         □ Clear         □ Clear         □ 2 - Clearly visible in sample bottle         □ 3           □ □ Clear         □ Orange         □ Rown         □ Orther:         □ 1 - Faint colors in sample bottle         □ 2 - Clearly visible in sample bottle         □ 3           □ □ Sewage (Toilet Paper, etc.)         □ Suds         □ 1 - Few/slight, origin         □ 2 - Some; indications of origin (e.g., possible suds or oil sheen)         □ 3
CHECK If Present       PESCRIPTION         Present       Chesent       Clear       Clear       Clear       Dother:       Clear
CHECK if Present         DESCRIPTION         RELATIVE SEVERITY INDEX (1-3)           Present         Sewage         Rancid/sour   Petroleuih/gas           1 - Faint           2 - Easily detected           3             Sewage         Dorange         Read         Orther:           1 - Faint colors in sample bottle           2 - Clearly visible in sample bottle           3             Circen         Dorange         Red         Orther:           1 - Slight cloudiness           2 - Cloudy           3             Sewage (Toilet Paper, etc.)         Sexencity           1 - Few/slight; origin           1 - Few/slight; origin           2 - Some; indications of origin (e.g., possible suds or oil)           3
CHECK if Present     DESCRIPTION       Present     Sewage     Rancid/sour   Petroleun/gas       1 - Faint       2 - Easily detected       3 - Easily detected         Sewage     Brown     Gray     Yellow       1 - Faint colors in sample bottle       2 - Clearly visible in sample bottle       3 - Easily detected         Green     Orange     Red     Other       1 - Slight cloudiness       2 - Cloudy       3 - Easily detected         Sewage (Toilet Paper, etc.)     Seaverity       1 - Few/slight; origin       2 - Some; indications of forigin (e.g., indications)       3 - Easily detected
CHECK if Present     DESCRIPTION       Present     Sewage     Rancid/sour   Petroleuit/gas       1 - Faint       2 - Easily detected         Sulfide     Other:       Clear       Yellow       1 - Faint colors in sample bottle         2 - Clearly visible in sample bottle         Claer       Orange       Recape   Cloudy         1 - Flight cloudiness         2 - Cloudy         See severity         Sewage (Toilet Paper, etc.)
CHECK if Present     DESCRIPTION         Sewage   Rancid/sour   Petroleuit/gas       1 - Faint     2 - Easily detected
CHECK if Present     DESCRIPTION     RELATIVE SEVERITY INDEX (1)       Chesent     Sewage     Rancid/sour   Petroleuit/gas       1 - Faint       2 - Easily detected       Clear     Dother:       Clear       3 - Clearly visible in sample bottle       2 - Clearly visible in sample bottle       Clear       Orange       Red       Orther       3 - Cloudy         Clear       See severity       1 - Slight cloudiness       2 - Cloudy
CHECK if Present     DESCRIPTION     RELATIVE SEVERITY INDEX (1)       Chesent     Sewage     Rancid/sour   Petroleuit/gas       1 - Faint       2 - Easily detected       Chear     Brown     Gray     Yellow       1 - Faint colors in sample bottle       2 - Clearly visible in sample bottle       Chear     Orange     Red     Other       3 - Clearly visible in sample bottle       2 - Cloudy       See severity       1 - Slight cloudiness       2 - Cloudy       2 - Cloudy
CHECK if Present         DESCRIPTION         RELATIVE SEVERITY INDEX (1)           Chesent         Chesent         Charman Chroning as ample bottle         Chear Chroning and the control of the chroning as ample bottle         Chearly visible in sample bottle         Chearly visible in sample bottle
CHECK if Present     DESCRIPTION     RELATIVE SEVERITY INDEX (1)       Classing Check     Classing detected     Classing detected       Classing Check     Classing detected     Classing detected       Classing detected     Classing detected     Classing detected
CHECK if Present     DESCRIPTION     RELATIVE SEVERITY INDEX (1)       Sewage     Rancid/sour   Petroleuit/gas       1 - Faint       2 - Easily detected       Sulfide     Other:       4 - Faint colors in Clear       1 - Faint colors in sample bottle       2 - Clearly visible in sample bottle
CHECK if Present     DESCRIPTION     RELATIVE SEVERITY INDEX (1)       Chesent     Sewage     Rancid/sour     Petroleuit/gas     1 - Faint     2 - Easily detected       Chear     Brown     Gray     Yellow     1 - Faint colors in sample bottle     2 - Clearly visible in sample bottle
CHECK if Present         DESCRIPTION         RELATIVE SEVERITY INDEX (1           □ Sewage         □ Rancid/sour □ Petroleuit/gas         □ 1 - Faint         □ 2 - Easily detected           □ Sulfide         □ Other:         □ Yellow         □ 1 - Faint colors in         □ 2 - Clearly visible in
CHECK if Present     DESCRIPTION     RELATIVE SEVERITY INDEX (1)       Chesent     Sewage     Rancid/sour     Petroleuit/gas     1 - Faint     2 - Easily detected
CHECK if Present ReLATIVE SEVERITY INDEX (1   Person   Petroleuit/gas   1 - Faint   2 - Easily detected
CHECK if Present     DESCRIPTION     RELATIVE SEVERITY INDEX (1       Chesent     Sewage     Rancid/sour     Petroleuih/gas     1 - Faint     2 - Easily detected
CHECK if Present   DESCRIPTION   RELATIVE SEVERITY INDEX (1   Percent   Petroleuit/gas   1 - Faint   2 - Easily detected   1 - Faint   2 - Easily detected   1 - Faint   1 - F
CHECK if Present Present CHECK if Present CHECK if Present CHECK if CH
CHECK if Present Rencid/sour   Petroleuit/gas   CHECK if Present   CHECK if Present   CHECK if The Severage   CHECK if The
CHECK if Present Present  CHECK if Present Present  CHECK if Present Percleuit/fas
CHECK if Present
CHECK if Present
CHECK if DESCRIPTION DESCRIPTION
O THE CONTRACT OF THE CONTRACT
mental and the control of the contro
Lyes )
(
H
LYes John

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

Section 1: Back	ground Data					
Subwatershed: P					07-19	
Today's date:	DEC 1 1 20			Time (Military):	0900	
Investigators: [M	IKE FIZEZIM	NA		Form completed	by: MIKE FREE	NAN
Temperature (°F):	376	Rainf	all (in.): Last 24 hours	5 Last 48 hour	rs: Ø	
Latitude: N326	35' 53'.71" L	ongitude:	VST 29' 39.04"	GPS Unit:	GPS LMI	C #:
Camera:	×			Photo #s:		
Land Use in Draina	nge Area (Check all that ap	ply):				
☐ Industrial				Open Space		
Ultra-Urban Re	sidential			Institutional		
Suburban Resid	ential			Other:		
☐ Commercial					s:	
	of outfall, if known):			THIS WILL AMOUNT OF	v	
Trotes (e.g., origin	•		Concos			
	D1661	0 (-	) SMFORD			
Section 2: Outfa	ll Description					
LOCATION	MATERI	AL	SHA	PE	DIMENSIONS (IN.)	SUBMERGED
	RCP [	CMP	ircular	Single	Diameter/Dimensions:	In Water:
	1,	HDPE	Eliptical	Double		Partially
Closed Pipe	☐ Steel		Box	☐ Triple		Fully
(	☐ Other:		☐ Other:	Other:		With Sediment:
		=577/				Partially Fully
	☐ Concrete	-				
	☐ Earthen		☐ Trapezoid		Depth:	
Open drainage	-		☐ Parabolic		Top Width:	
	☐ rip-rap		☐ Other:		Bottom Width:	
	Other:					
☐ In-Stream	(applicable when	collecting	samples)			
Flow Present?	☐ Yes	YONO	If No, Skip	to Section 5		
Flow Description (If present)	☐ Trickle [	Moderate	e 🗌 Substantial			
Section 3: Quan	titative Characteriz	ation				Mary Mary Mary Mary Mary Mary Mary Mary
			FIELD DATA FOR FL	OWING OUTFAL		
PA PA	RAMETER		RESULT		UNIT	EQUIPMENT
□Flow#1	Volume	_			Liter	Bottle
	Time to fill	-			Sec	72
-	Flow depth		7 27		In Ft, In	Tape measure
□F iow #2	Flow width		7 77		Ft, In	Tape measure  Tape measure
-	Measured length  Fime of havel	- /	· —		S	Stop watch
·r_	raperature	-			°F	Thermometer
1.0	pH	-				Test strip/Probe
	F11	+			mg/I	Test strip

# Outfall Reconnaissance Inventory Field Sheet

Order         Color         Sevenge         Neuroid/sour   Petroleum/gas         1 - Faint         2 - Easily detected         3 - Noticeable from a latitation of	INDICATOR CHECK if Present	CHECK If Present			DESCRIPTION	RE	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Yellow     Tother:     Tother:   Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:     Tother:	Odor		Sewage Sulfide	Rancid/sou.	ır 🔲 Petroleum/gas	1 - Faint	2 – Easily detected	3 – Noticeable from a distance
Comments	Color		Clear	☐ Brown ☐ Orange	4	1 - Faint colors in sample bottle	= 2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Comments	Turbidity					☐ 1 - Slight cloudiness	□2 – Cloudy	3 - Opaque
If No, Skip to Section 6	Floatables -Does Not Include Trash!!		Sewage (7			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)
INDICATOR         CHECK if Present         DEEL. IR OR           Outrial Damage         □         Spalling, Cracking or Chipping         □ Preding Paint           Deposits/Stains         □         □ Dity         □ Flow Line         □ Print           Abnormal Vegetation         □         □ Dity         □ Flow Line         □ Print           Poor pool quality         □         □ Dity         □ Flow Line         □ Print           Pipe benthic growth         □         □ Brown         □ Green         □ Other:           Pipe benthic growth         □         □ Brown         □ Green         □ Other:           Cation 6: Overall Ourfall Characterization         □ Brown         □ Green         □ Green         □ Other:           B. Unlikely         □ Potential (presence of two or more indicators)         □ Suspset (one or more indicators)         □ Protection           Sample for the lab?         □ Yes         □ Pool         □ Pool         □ Pool           If yes, collected from:         □ Flow         □ Pool         □ Pool           Intermittent flow trap set?         □ Yes         □ No         □ TYces, type:         □ Coulk dam	Section 5: Physical Ind Are physical indicators t	icators for Bo	th Flowing a	nd Non-Flowi		ction 6)	and the same of th	
Outfall Damage         □         Spalling Cracking or Chipping         □ I refing Paint         □ Peoling Paint           Deposits/Stains         □         □ Oily         □ Flow Line         □ Differ:         □ Oily           Poor pool quality         □         □ Colors         □ Colors         □ Differ:         □ Oily           Pipe benthic growth         □ Discount         □ Discount         □ Discount         □ Oily         □ Colors         □ Discount         □ Other:           Pipe benthic growth         □ Discount         □ Discount         □ Discount         □ Other:         □ Other:           Edun 6: Overall Outfall Characterization         □ Brown         □ Orange         □ Grown         □ Other:           Edun 7: Data Collection         □ Yes         □ Yes         □ No           Sample for the lab?         □ Yes         □ Yes         □ Pool           If yes, collected from:         □ Flow         □ Pool           Intermittent flow trap set?         □ Yes         □ No           Intermittent flow trap set?         □ Yes         □ No	INDICATOR	CHECK IF	Present	9	DESCR		COMMENT	2
Deposits/Stains         □ Oily □ Flow Line □ Inhibited         □ Oily □ Flow Line □ Inhibited         □ Other:         □ Odors         □ Colors □ Colors □ Colors         □ Diplomental Sheen         □ Other:	Outfall Damage			1	.□.	int		
Abnormal Vegetation         □ Excessive □ Inhibited         □ Inhibited         □ Odors         □ Colors □ Colors         □ Colors □ Colors         □ Discessive Algae         □ Other:	Deposits/Stains			17	- Ilvaint			
Poor pool quality         □ Odors         □ Colors □ Colors □ Colors         □ Other: □	Abnormal Vegetation				☐ Inhibited			
Pipe benthic growth	Poor pool quality		_			cen		
Ction 6: Overall Outfall Characterization  Chara	Pipe benthic growth			_ 	Green			
Unlikely Dotential (presence of two or more indicators) Suspect (and or more indicators with a severity of 3)  ction 7: Data Collection  Sample for the lab?  Sample for the lab?  If yes, collected from:  If yes, collected from:  Intermittent flow trap set?  Intermittent flow trap set?  Intermittent flow trap set?  Intermittent flow trap set?	Section 6: Overall Out	fall Character	ization		4.0			
ction 7: Data Collection           Sample for the lab?         □ Yes         □ Yes         □ Pool           If yes, collected from:         □ Flow         □ Pool         If Yes, type: □OBM           Intermittent flow trap set?         □ Yes         □ No         If Yes, type: □OBM		Potential (pres	sence of two c	or more indicate		indicators with a severity		4.1
Sample for the lab?  If yes, collected from:  Intermittent flow trap set?  Sample for the lab?  If Yes, type: OBM	Section 7: Data Collect	ioi						
If yes, collected from:	1. Sample for the lab?				- Mo			
Intermittent flow trap set?				Flow	Pool			
		set?		Yes	If Yes, type:			
Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?	Section 8: Any Non-III	cit Discharge	Concerns (e.	g., trash or ne	3			2

Section 1: Bacl	kgrour	nd Data						
Subwatershed:	pmo	0			Outfall ID: Su	008-07		
Today's date:		DEC	1 2024		Time (Military):	0910		
Investigators:	N(KE	FREEN	MM		Form completed by	MIKE FRE	ZMAN	
Temperature (°F):	3	8"	Rainf	all (in.): Last 24 hours	Last 48 hours:	8		
				185 29 39.04"	GPS Unit:		GPS LMK #	
Camera:					Photo #s:			
Land Use in Drain	nage Аге	ea (Check all tha	t apply):					
☐ Industrial					Open Space			
Ultra-Urban R	Residentia	al			[20] Institutional			
Suburban Resi	idential				Other:			
☐ Commercial					Known Industries:			
Notes (e.g., origin	Sp	MFORC	00	B16610	(Ra	lans		
LOCATION		MATE	RIAL	SHA	PE	DIMENSION	S (IN.)	SUBMERGED
		<b>DEO</b> RCP	□СМР	Circular	Single	Diameter/Dimension	ons:	In Water:
		□ PVC	☐ HDPE	Eliptical	Double	16.		No Partially
Closed Pipe		☐ Steel		Box	☐ Triple			Fully
		Other:			Other:			With Sediment:
								Partially Fully
		☐ Concrete				D 4		
_		Earthen		☐ Trapezoid		Depth:		
Open drainage	e	☐ rip-rap		☐ Parabolic		Top Width:		
		Other:		Other:		Bottom Width:	_	
☐ In-Stream		(applicable wh	en collecting	samples)		-1		<u> </u>
Flow Present?		☐ Yes	100	If No, Skip	to Section 5			
Flow Description (If present)		☐ Trickle	☐ Moderate	e 🔲 Substantial				
Section 3: Qua	ntitati	ve Characte	rization					
				FIELD DATA FOR FL	OWING OUTFALLS			1,111
P/	ARAME	TER		RESULT		UNIT	EC	UIPMENT
□Flow#1		Volume				Liter		Bottle
		Time to fill				Sec		
		Flow depth				In	Та	ape measure
□Flow#2		Flow width				Ft, In		ape measure
		feasured length		,,		Ft, In		ape measure
		Time of travel				S		Stop watch
T	Temperat	ture				07.		hermometer
	pН	-				H Units		st strip/Probe
	Ammon	ia				mg/L		Test strip

# Outfall Reconnaissance Inventory Field Sheet

INDICATOR CHECK if Breent	CHECK if			DESCRIPTION	IPTION	RE	RELATIVE SEVERITY INDEX (1-3)	1-3)
Odor		Sewage Sulfide	Rancid/sour   Petroleum/gas	Petroleum.	gas	□ 1 – Faint	2 - Easily detected	3 – Noticeable from a distance
Color		Clear	☐ Brown	Gray	☐ Yellow ☐Other:	1 - Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity			S	See severity		☐ 1 – Slight cloudiness	□2 – Cloudy	3 – Opaque
Floatables -Does Not Include Trash!!		Sewage (Toilet Paper	Sewage (Toilet Paper, etc.)	Suds Other:		☐ 1 – Few/slight, origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present?	dicators for Bo	oth Flowing a ated to flow pi	nd Non-Flowin resent?	wing Outfalls	(If No, Skip to Section 6)	ion 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	8
Outfall Damage			Spalling, Cra	Spalling, Cracking or Chipping Corrosion	oing Peeling Paint			
Deposits/Stains			□oily □ Flo	☐ Flow Line ☐Paint	int Other:			
Abnormal Vegetation			ssive	☐ Inhibited				
Poor pool quality			Odors C	Colors Excessive A	☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Excessive Algae ☐ Other:		- 4	
Pipe benthic growth				Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	tfall Character	rization						
Unlikely	Potential (pres	sence of two o	Dotential (presence of two or more indicators)		Suspect (one or more indicators with a severity of 3)	dicators with a severity	of 3)	
Section 7: Data Collection	tion							
1. Sample for the lab?			☐ Yes	ON				
2. If yes, collected from:	1:		Flow	□ Pool				
3. Intermittent flow trap set?	o set?			No No	If Yes, type: \$\square\$OBM\$	3M Caulk dam		

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

Section 1: Back					-	
Subwatershed:	PMC 1 120	174			SW R07-13	
	DEC + + **	26		Time (Military	0100	
Investigators:	0			Form complete		EMAN
Temperature (°F):			fall (in.): Last 24 hours:		- P	
Latitude: N320	35'58.01"	Longitude:	N85' 29' 29.39"	GPS Unit:	GPS	LMK #:
Camera:				Photo #s:		
Land Use in Drain	age Area (Check all tha	at apply):		4		
☐ Industrial				Open Space	e	
Ultra-Urban Re	esidential			Institutiona	1	
☐ Suburban Resid	lential		57	Other:		
☐ Commercial				Known Industr	ries:	
_	of outfall, if known):					
Section 2: Outfa	all Description			melana .		
LOCATION	MATE	RIAL	SH	IAPE	DIMENSIONS (I	N.) SUBMERGED
	RCP	□ СМР	Circular	Single	Diameter/Dimensions:	In Water
	□ PVC	☐ HDPE	☐ Eliptical	☐ Double	36"	No Partially
Closed Pipe	☐ Steel		Box	Triple		Fully
	Other:		Other:	Other:		With a diment:
				*1		Partially  Fully
OR THE REAL PROPERTY OF THE PERSON	☐ Concrete		_			
	☐ Earthen		☐ Trapezoid		Depth:	
Open drainage	☐ rip-rap		☐ Parabolic		Top Width:	
			Other:		Bottom Width:	
Elv. o.	Other:					
☐ In-Stream	(applicable w	-	THE RESERVE OF STREET	ip to Section 5		
Flow Present? Flow Description	☐ Yes	No		up to section 3		
(If present)	☐ Trickle	☐ Moderat	e Substantial			
Section 3: Quan	ititative Characte	erization				
	130		FIELD DATA FOR F	LOWING OUTFA	ALLS	
PA	RAMETER		RESULT		UNIT	EQUIPMENT
□Flow#1	Volume				Liter	Bottle
	Time to fill				Sec	
	Flow depth				In	Tape measure
□Flow #2	Flow width		) )) 		Ft, In	Tape measure
	Measured length		7 77		Ft, In	Tape measure
	Time of travel				S	Stop watch
Te	emperature				°F	Thermometer
	рН				pH Units	Test strip/Probe
1	Ammonia	1			mg/L	Test strip

INDICATOR CHECK if Present	CHECK If Present			DESCR	IPTION	REI	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	Rancid/	Rancid/sour Petroleum/gas	um/gas	□ 1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color	<sub>*</sub> □	Clear	☐ Brown ☐ Orange	Gray	☐ 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 (	☐ Sewage (Toilet Paper, et ☐ Petroleum (oil sheen)	etc.) Suds	inigin to oppose out of the second se	☐ 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?	ndicators for Bors that are not rela	th Flowing a ted to flow p	ind Non-Flo	wing Outfalls	ls o (If Na, Skip to Section 6)	ction 6)		> V (X
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	y,
Outfall Damage			Spalling Corrosic	Spalling, Cracking or Chipping Corrosion	nipping [] Peeling Paint	int		
Deposits/Stains				☐ Flow Line	□Paint □ Other:		×	
Abnormal Vegetation			☐ Excessive	Inhibit				
Poor pool quality		_	Odors	Colors Clar	☐Floatables ☐ Oil Sheen Algae ☐ Other:	en		
Pipe benthic growth			Brown	Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	utfall Characteri	ization						
Unlikely	Potential (presence of two or more ind	ence of two	or more indi	licators)	Suspect (one or more	Suspect (one or more indicators with a severity of 3)	of 3)	r
Section 7: Data Collection	ction							
1. Sample for the lab?			☐ Yes	oN D				
2. If yes, collected from:	m:		Flow	Pool				
3. Intermittent flow trap set?	ip set?		☐ Yes	°N □	If Yes, type:	OBM Caulk dam		

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

If Yes, type: OBM

Section 1: Back						
Subwatershed:	bus			Outfall ID: 5	W R07-23	4
Today's date:	C In the	024		Time (Military):	0930	
Investigators: M	IKE FIZEEN	M		Form completed	by: MIKE FREE	EMAN
Temperature (°F):	380	Rainf	`all (in.): Last 24 hours: NSS 29 38. 0	: 🛭 Last 48 hou	rs: Ø	
Latitude: N32°	35 32.25	Longitude:	N85° 29 38.0	GPS Unit:	GPS L	MK #:
Camera:				Photo #s:		
Land Use in Drain	age Area (Check all tha	at apply):				
☐ Industrial				Open Space		
Ultra-Urban Re	esidential			Institutional		
Suburban Resid	lential			Other:		
☐ Commercial				Known Industries	S:	
Notes (e.g., origin	of outfall, if known):					
Section 2: Outfa		DTAL	C	HAPE	DIMENSIONS (IN	.) SUBMERGED
LOCATION	RCP	CMP	☐ Circular	Single		In Water:
	'				Diameter/Dimensions:	<b>₹</b> No
(real Property	□ PVC	HDPE	Eliptical	☐ Double		☐ Partially☐ Fully
Closed Pipe	☐ Steel		Box	☐ Triple		With Sediment:
	Other:		Other:	Other:		►No ☐ Partially ☐ Fully
	☐ Concrete				B 4 4	
	☐ Earthen		☐ Trapezoid		Depth:	
Open drainage	☐ rip-rap		☐ Parabolic		Top Width:	
	Other:		Other:		Bottom Width:	
☐ In-Stream	(applicable w	hen collecting	samples)		-	<u> </u>
Flow Present?	☐ Yes	<b>№</b> No		kip to Section 5		
Flow Description (If present)	☐ Trickle	☐ Moderate		np to Bretton o		,
Saction 2. Quan	titative Characte	wizotion				
Section 5: Quan	manye Characte	rization	FIELD DATA FOR E	FLOWING OUTFAL	IS	
PA	RAMETER		RESULT	LOWING COTTAC	UNIT	EQUIPMENT
	Volume		KLOVE		Liter	Bottle
☐Flow#1	Time to fill				Sec	
	Flow depth				In	Tape measure
□E10#2	Flow width		, ,,		Ft, In	Tape measure
□Flow#2	Measured length		2 72		Ft, In	Tape measure
	Time of travel		31		S	Stop watch
Te	emperature				°F	Thermometer
	рН				pH Units	Test strip/Probe
1	Ammonia				mg/L	Test strip

Are Any Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?	ors Present in the	flow?   Yes	is Only	(If No, S	(If No, Skip to Section 5)		3	
INDICATOR	CHECK if Present		D	DESCRIPTION		R	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	☐ Rancid/sov	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	gas	. 1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color	0	□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 Bo	th Flowing an	nd Non-Flow	wing Outfalls  Yes No	(If No, Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present		۵	DESCRIPTION		COMMENTS	S
Outfall Damage			Spalling, C Corrosion	Spalling, Cracking or Chipping Corrosion	oing 🔲 Peeling Paint	ţ.		
Deposits/Stains			□oily □ FI	Flow Line	uint		-	
Abnormal Vegetation			☐ Excessive	Inhibited				
Poor pool quality			Odors	Colors D	☐Floatables ☐ Oil Sheen gae	u	-	
Pipe benthic growth			☐ Brown	Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	tfall Character	ization						
Unlikely	Potential (presence of two or more indicators)	sence of two o	r more indica		Suspect (one or more indicators with a severity of 3)	ndicators with a severity	of 3)	
Section 7: Data Collection	tion							
1. Sample for the lab?			☐ Yes	<b>©</b> No				
2. If yes, collected from:	ا ا		☐ Flow	□ Pool				
3. Intermittent flow trap set?	set?	□ Yes	Yes	°S □	If Yes, type: □OBM	BM Caulk dam		

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

Section 1: Back	ground Data						
Subwatershed:	PMC	004		Outfall II	Sw R07.1:	5	
Today's date:	DEC 1 12	076			litary): 0935		
Investigators: N	IKE FREZMAN			Form con	ipleted by: MIKE Fi	ZEEMAN	
Temperature (°F):	400		fall (in.): Last 24 hours:		48 hours		
Latitude 32	56 CV	Longitude:	\$5° 29' 36.35"	GPS Unit	:	GPS LMK #	<b>#</b> :
Camera:				Photo #s:			
Land Use in Drain	nage Area (Check all tha	t apply):					
☐ Industrial				Open	Space		
Ultra-Urban R	esidential			nstitu	tional		
☐ Suburban Resi	dential			Other:			
☐ Commercial				Known In	dustries:		
Notes (e.g., origin	of outfall, if known):						
		BI	6610				
Santian 2: Out	fall Description						
LOCATION	fall Description  MATE	RIAL	SHA	APE	DIMENSIO	NS (IN.)	SUBMERGED
	<b>Ş</b> ₽ <b>₹</b> CP	☐ CMP	☐ Circular	ingle	Diameter/Dimen		In Water:
	→ PVC	☐ HDPE	☐ Eliptical	Double	72"		☐ No Partially
Closed Pipe	☐ Steel		[≱¥Box	☐ Triple			Fully
	Other:		Other:	Other:			With Sediment:
							Partially Fully
	☐ Concrete						
	☐ Earthen		☐ Trapezoid		Depth:		
Open drainage	e   rip-rap		Parabolic		Top Width:	_	
	Other:		Other:		Bottom Width: _		
☐ In-Stream	(applicable w		samples)				<i>XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</i>
Flow Present?	<b>№</b> Yes	□ No		p to Section 5			
Flow Description (If present)	☐ Trickle	Moderat		YENR	N		
				TCIAC			22.00
Section 3: Quai	ntitative Characte	rization_	FIELD DATA FOR FI	LOWING OI	UTFALLS		
P#	RAMETER		RESULT		UNIT	E	QUIPMENT
1	Volume		ı		Liter		Bottle
□Flow#1	Time to fill				Sec		
	Flow depth				In	1	Tape measure
□Flow #2	Flow width		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ft, In	7	Гаре measure
□Flow#2	Measured length		3 29		Ft, In	7	Tape measure
	Time of travel				S		Stop watch
T	emperature				°F		Thermometer
	pН				pH Units	T	est strip/Probe
	Ammonia				mg/L		Test strip

(If No, Skip to Section 5)

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \( \text{Types} \)

DEX (1-3)	3 – Noticeable from a distance	in 3 – Clearly visible in outfall flow	3 - Opaque	ns 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)		COMMENTS	A						sn					
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)		СОММ							of 3) $\square$ Obvious					
REL	1 – Faint	☐ 1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	☐ 1 – Few/slight; origin not obvious	ton 6)	Y							Suspect (one or more indicators with a severity of 3)				SM Caulk dam	
DESCRIPTION	] Petroleum/gas	□ Gray □ Yellow □Red □Other:	See severity	□Suds □ Other:	lowing Outfalls  [J/No, Skip to Section 6)	DESCRIPTION	Spalling, Cracking or Chipping   Peeling Paint Corrosion	Line Paint Cther:	☐ Inhibited	☐ Colors ☐ Floatables ☐ Oil Sheen☐ Excessive Algae ☐ Other:	☐ Orange ☐ Green ☐ Other:				No	☐ Pool	□ No If Yes, type: □OBM	
DESC	☐ Rancid/sour ☐ Petroleum/gas	☐ Brown ☐ ☐ Orange ☐	See	Sewage (Toilet Paper, etc.)	and Non-Flowing O		Spalling, Crack	Ooily Thow Line	Excessive	Odors Osuds	☐ Brown ☐		Potential (presence of two or more indicators)		□ Yes	☐ Flow	□ Yes □	
	Sewage	□Clear □Green		Sewage 🔲 Petroleı	th Flowing ted to flow	Present						ization	ence of two		]			
CHECK if Present					dicators for Bo	CHECK if Present						tfall Character		ction		n:	p set?	
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)?

Section 1: Back	ground Data					
Subwatershed:	PME	10.5		Outfall ID: 5	1807-16	ě
Today's date:	DEC 11	2024		Time (Military):		
Investigators: N	IKE FREEN	۸¥٦		Form completed by	MIKE FREEM	AN
Temperature (°F):	410	Rainf	all (in.): Last 24 hours:	Last 48 hours	Ø	
Latitude: N32	35' 56.45"	Longitude:	185 79 34.04	GPS Unit:	GPS LMK	#:
Camera:				Photo #s:		
Land Use in Drain	nage Area (Check all th	nat apply):				
☐ Industrial				☐ Open Space		
Ultra-Urban Re	esidential			nstitutional		
Suburban Resi	dential		81	Other:		
☐ Commercial				Known Industries:		
Notes (e.g., origin	of outfall, if known):					
WATE	SON FI	428	HOUSE			
Section 2: Outf		ERIAL	SH	IAPE	DIMENSIONS (IN.)	SUBMERGED
	RCP	□ СМР	Circular	Single	Diameter/Dimensions:	In Water:
	□PVC	☐ HDPE	☐ Eliptical	Double	24"	No Partially
San In						Fully
Closed Pipe	☐ Steel		Box	Triple		With Sediment:
	Other:	·····	Other:	Other:		No Partially
						Fully
	Concrete		☐ Trapezoid		Depth:	
По	☐ Earthen					
Open drainage	гір-гар		Parabolic		Top Width:	
	Other:		Other:		Bottom Width:	
☐ In-Stream	(applicable v	when collecting	samples)			
Flow Present?	☐ Yes	DENO	If No, Sk	sip to Section 5		
Flow Description (If present)	☐ Trickle	☐ Moderate	e Substantial			
Section 3: Ouar	ntitative Charact	erization				
			FIELD DATA FOR F	LOWING OUTFALL	S	
P#	RAMETER		RESULT		UNIT	EQUIPMENT
□Flow#1	Volume				Liter	Bottle
□Flow#1	Time to fill				Sec	2
	Flow depth				In	Tape measure
□Flow#2	Flow width		2 22		Ft, In	Tape measure
	Measured lengt	h	, j		Ft, In	Tape measure
	Time of travel				S	Stop watch
Т	emperature				°F	Thermometer
	рН				oH Units	Test strip/Probe
	Ammonia				mg/L	Test strip

Corrosion   Corrosion   Corrosion   Corrosion   Corrosion   Colors   Col	colors cocessive All	ious
1. Sample for the lab? $\square$ Yes $\square$ Yes	No	
2. If yes, collected from:	Pool	
3. Intermittent flow trap set?	No If Yes, type: GOBM Caulk dam	
internition trap set:	11 1 cs, tyle: 0.08M	

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

Section 1: Back	ground Data					
Subwatershed:				Outfall ID:	SW 507-12	£
Today's date:	JAN 15 2025			Time (Military	): 6930	
Investigators: M	KE FIZEEMAN			Form complete	ed by: MIKE FREEMA	J
Temperature (°F):	40°	Rainf	all (in.): Last 24 hours:	Last 48 ho	ours: Ø	
Latitude N32	40° 35′ 58.03″ La	ngitude: 🕻	J85° 29' 29.46"	GPS Unit:	GPS LMI	ζ#:
Camera:				Photo #s:		
Land Use in Draina	age Area (Check all that ap	ply):		ī.		
☐ Industrial				Open Space		
☐ Ultra-Urban Re	esidential			Institutiona	1	
Suburban Resid	dential		28	Other:		
☐ Commercial				Known Industr	ries:	
Notes (e.g., origin	of outfall, if known):					
	BENED	EA	NES			
Section 2: Outfa	all Description					
LOCATION		AL	SHA	APE	DIMENSIONS (IN.)	SUBMERGED
	<b>₽</b> RCP	СМР	Circular	Single	Diameter/Dimensions:	In Water:
	□ PVC □	HDPE	☐ Eliptical	Double	48"	Partially Fully
Closed Pipe	☐ Steel		Вох	☐ Triple		With Sediment:
	Other:	<u> </u>	Other:	Other:		with Sediment.  No ☐ Partially ☐ Fully
☐ Open drainage	Concrete Earthen rip-rap Other:		☐ Trapezoid ☐ Parabolic ☐ Other:		Depth:  Top Width:  Bottom Widtk:	
☐ In-Stream	(applicable when	collecting	samples)			
Flow Present?	Pyes	☐ No	If No, Skip	to Section 5		
Flow Description (If present)	Trickle	] Moderate	e Substantial	YEARLY		
Section 3: Quan	ıtitative Characteriz	ation				
			FIELD DATA FOR FL	OWING OUTFA	ALLS	
PA	RAMETER		RESULT		UNIT	EQUIPMENT
□Flow#1	Volume				Liter	Bottle
	Time to fill				Sec	
	Flow depth				In	Tape measure
□Flow #2	Flow width		? ?? -		Ft, In	Tape measure
	Measured length		2)		Ft, In	Tape measure
	Time of travel				S	Stop watch
Те	emperature				°F	Thermometer
	pН				pH Units	Test strip/Probe
	Ammonia				mg/L	Test strip

Are Any Physical Indicators Present in the flow? \( \preceq \psi_e \)	rs Present in the	flow? Tyes	°N 	(If No,	(If No, Skip to Section 5)			
INDICATOR	CHECK if Present		2	DESCRIPTION	At the Assessment on the		RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	Rancid/so	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	ı/gas	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Orange	Gray	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		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?	licators for Bot that are not rela	th Flowing a.	nd Non-Flow	lowing Outfalls	(If No, Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	S.
Outfall Damage			Spalling, C	g, Cracking or Chipping ion	pping   Pecling Paint	t t		
Deposits/Stains			□oily □ F	☐ Flow Line □ □	□Paint □ Other:		3	
Abnormal Vegetation			☐ Excessive	☐ Inhibited	24			
Poor pool quality			Odors	Colors	☐Floatables ☐ Oil Sheen Ngae ☐ Other:	u		
Pipe benthic growth			☐ Brown	Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	fall Character	ization						
Unlikely	Potential (presence of two or more indicators)	ence of two a	vr more indica		$\square$ Suspect (one or more indicators with a severity of 3)	idicators with a sever	ity of 3) 🔲 Obvious	
Section 7: Data Collection	tion							
1. Sample for the lab?			☐ Yes	oN No				
2. If yes, collected from:			Flow	Pool				
3. Intermittent flow trap set?	set?		☐ Yes	No No	If Yes, type: OBM	3M Caulk dam		
Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?	icit Discharge	Concerns (e.	g., trash or n	eeded infras	tructure repairs)?			

Section 1: Back	ground Data					
Subwatershed: P	ne	025		Outfall ID: 5	W 507-13	
Today's date:	JAN 152	UZB		Time (Military):	0935	
Investigators: M	KE FREZIMAN	1		Form completed b	Y: MIKE FIZEEM	LAY
Temperature (°F):			all (in.): Last 24 hours:	<u>v</u>	E Ø	
Latitude: N 32º	35' 58,02" I	ongitude: ر	850.29 29.39	GPS Unit:	GPS LMK	#:
Camera:				Photo #s:		
Land Use in Draina	ge Area (Check all that a	ipply):				
☐ Industrial				Open Space		
Ultra-Urban Res	sidential			Institutional		
Suburban Resid	ential			Other:		
Commercial						
	of outfall, if known):					
(1.83, 1.8	BEARE	) FA	UES LAQ	RE BOX		
	13CT KET		-142	80 30		
Section 2: Outfa	ll Description					-
LOCATION	MATER:	IAL	SH	APE	DIMENSIONS (IN.)	SUBMERGED
	RCP	□ СМР	☐ Circular	Single	Diameter/Dimensions:	In Water:
	□ PVC	☐ HDPE	Eliptical	☐ Double	96×72	Partially
Closed Pipe	☐ Steel		Box	Triple		□ Fully
	Other:		Other:	☐ Other:		With Sediment:
				·		Partially Fully
	Concrete.					
	☐ Earthen		☐ Trapezoid		Depth: <u>s</u>	
Open drainage			☐ Parabolic		Top Width:	
	rip-rap		☐ Other:		Bottom Width:	
	Other:					
[] In-Stream	(applicable when					
Flow Present?	Yes	☐ No	If No, Ski	p to Section 5		
Flow Description (If present)	Trickle	Moderate	Substantial	YEARLY		
Section 3: Quant	titative Characteri	zation				
			FIELD DATA FOR F	LOWING OUTFALL	S	
PAF	RAMETER		RESULT		UNIT	QUIPMENT
□Flow#1	Volume				Liter	Bottle
	Time to fill				Sec	
	Flow depth				In	Tape measure
□Flow #2	Flow width		2 22		Ft, In	Tape measure
	Measured length		3 20		Ft, In	Tape measure
	Time of travel				S	Stop watch
Te	mperature					Thermometer
	рН				pH Units T	'est strip/Probe
A	mmonia				mg/L	Test strip

Section 4: Physical Indicators for Flowing Outfalls Only  Are Any Physical Indicators Present in the flow? \(\text{Tyes}\) \(\text{QNo}\) \(\text{CR}\) \(\text{CR}\) \(\text{CR}\)	dicators for Floors Present in the f	wing Outfall flow? \textstyres	100	(If No, SI	(If No, Skip to Section 5)			
INDICATOR	Present			DESCRIPTION	THE WAY IN THE PARTY OF THE PAR	REL	RELATIVE SEVERITY INDEX (1-3)	1-3)
Odor		Sewage Sulfide	Rancid/so	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	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 Other:		☐ 1 – Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Section 5: Physical Indicators for Both Flowing and Non-Fl Are physical indicators that are not related to flow present?	licators for Bot	th Flowing a		owing Outfalls	(If No, Skip to Section 6)	ion 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	S
Outfall Damage			Spalling, C	Spalling, Cracking or Chipping Corrosion	ing Peeling Paint			
Deposits/Stains			□oily □ F	☐ Flow Line ☐Paint	int			
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality			☐ Odors ☐ Suds	☐ Colors ☐ ☐ Excessive Algae	☐Floatables ☐ Oil Sheen gae ☐ Other:			
Pipe benthic growth			Brown	Orange	Green Other:			
Section 6: Overall Outfall Characterization	tfall Characteri	ization						
Unlikely	Potential (prese	(presence of two or more ind		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	No No				
2. If yes, collected from:	9		Flow	□ Pool				
3. Intermittent flow trap set?	set?		☐ Yes	% □	If Yes, type: GOBM	M Caulk dam		

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

Section 1: Bac	kgrour	nd Data			·			
Subwatershed:	Pone				Outfall ID: 5	3 5 07 -1	6.	
Today's date:		JAN 15	2025		Time (Military):	0940		
Investigators: 1	M(KE	FREZIMA	٦.		Form completed by	MIKE FREE	MAN	
Temperature (°F)	): ध	3°	Rainf	all (in.): Last 24 hours	Last 48 hours:	8		
Latitude: N32	35	52.57	Longitude:	KS 29 31.83"	GPS Unit:	GPS	S LMK #:	
Camera:					Photo #s:			
Land Use in Drai	inage Are	a (Check all that	t apply):					
☐ Industrial					Open Space			
Ultra-Urban I	Residenti	al			Institutional			
Suburban Res	sidential				Other:			
☐ Commercial					Known Industries:			
Notes (e.g., origin	n of outfa	all, if known):						
	BI	6610 C		IRA HO	use			
			J					
Section 2: Out								
LOCATIO	N	MATE		SHA		DIMENSIONS (		SUBMERGED
		<b>₹</b> RCP	☐ CMP	<b>Æ</b> Peircular	Single	Diameter/Dimensions:		In Water: No
		☐ PVC	HDPE	☐ Eliptical	☐ Double			☐ Partially ☐ Faily
Closed Pipe		☐ Steel		Вох	☐ Triple			With Sediment:
		Other:		Other:	Other:			M No
								Partially Fully
		☐ Concrete						
		Earthen		☐ Trapezoid		Depth:		
Open drainag	ge	☐ rip-rap		☐ Parabolic		Top Width:		
		Other:		☐ Other:		Bottom Width:		
☐ In-Stream		(applicable wh		samples)	100000	-		
Flow Present?		☐ Yes	<b>⊘</b> No		o to Section 5			
Flow Description	1							
(If present)		☐ Trickle	☐ Moderate	e Substantial				
Section 3: Qua	antitati	ve Charactei	rization					
				FIELD DATA FOR FL	OWING OUTFALLS			
P	ARAME	TER		RESULT		UNIT	EQI	JIPMENT
□Flow#1		Volume				Liter		Bottle
□FIOW#I		Time to fill				Sec		
		Flow depth				In	Tar	e measure
□Flow #2		Flow width		75		Ft, In	Tap	e measure
	N	Measured length		" "		Ft, In	Tap	e measure
		Time of travel				S		op watch
	Tempera	ture				°F		ermometer
	рН				p)	H Units	Test	strip/Probe
	A	io.				ma/I	т	act ctrin

Odor  Color  Turbidity Floatables oes Not Include Trash!! INDICATOR Outfall Damage Deposits/Stains Onormal Vegetation Poor pool quality ipe benthic growth	CHECK if Present  Ser  Sul Clea Clea Clea Chat are not related to fl CHECK if Present  CHECK if Presen	Sewage   Ranc   Sewage   Cothe   Othe   Otran   Green   Oran   Clear   Corran   Chear   Corran   Chear   Corran   Corran	nncid/s/s own own ange alling, rrosion own own own ange alling.	Rancid/sour   Petroleum/gas     Colorer:   Cray   Cray     Corange   Cray   Cray     See severity   See severity     Sheen   Cother:   Cother:     Spalling, Cracking or Chipping   Corrosion   Colors   Colors		1 - Faint colors in sample bottle     1 - Faint colors in sample bottle	VE SEN   2 - Ea   2 - Ck   2 -	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	☐ Potential (presence of two or more indicators)	ence of two o	r more indic	ators)	Suspect (one or more indicators with a severity of 3)	ndicators with a seve	rity of 3)	
1. Sample for the lab?			☐ Yes	<b>W</b> No				
	;;		∏ Flow	Pool				•
3. Intermittent flow trap set?	p set?	∏ Yes	Yes	°R 	If Yes, type: COBM	BM	n	

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

Section 1: Back								
Subwatershed:	5W	-			Outfall ID: SU	507.	-17	
		AN 1.5 2025			Time (Military):	1000		
Investigators: 1	KE	FREEMAN			Form completed by:	MIKE FRE	F.WAN	
Temperature (°F):				fall (in.): Last 24 hours:		Ø		-X-11-15
Latitude: N320	35	1.36.83 Lo	ngitude: 🔻	N 850 29. 31 53"	GPS Unit:		GPS LMK #	:
Camera:					Photo #s:			
Land Use in Drain	age Are	ea (Check all that app	oly):		*			
☐ Industrial					Open Space			
Ultra-Urban Re	esidenti	al			1 Institutional			
Suburban Resid	dential			¥,	Other:			
☐ Commercial					Known Industries: _			
Notes (e.g., origin	of outfa	all, if known):						
	13	1660	SASL	- PIECOHOU	SE" - (10)	CLE PIDE	· w	Box
								542
Section 2: Outfa		scription MATERIA		SHA	NDE .	DIMENSION	C (TN )	SUBMERGED
LOCATION				-		Dimension  Diameter/Dimension		In Water:
		,	CMP		Single	Z4	nis.	₽No
		□ PVC □	HDPE	☐ Eliptical	Double			☐ Partially ☐ Fully
Closed Pipe		☐ Steel		Box	Triple			With Sediment.
		Other:		Other:	☐ Other:			□ No
								Partially Fully
		Concrete						
		☐ Earthen		Trapezoid		Depth:		
Open drainage		☐ rip-rap		☐ Parabolic		Top Width:		
				☐ Other:		Bottom Width:	_	
☐ In-Stream		Other:	alla atia a					<u> </u>
Flow Present?		(applicable when	No.		p to Section 5			
		☐ Yes	100	1) 10, 3кц	p to Section 3	-		
Flow Description (If present)		☐ Trickle ☐	Moderat	e Substantial				
Section 3: Quan	ıtitati	ve Characteriza	tion					
				FIELD DATA FOR FL	LOWING OUTFALLS			
PA	RAME	TER		RESULT	The state of the s	JNIT	EC	UIPMENT
□Flow#1		Volume				Liter		Bottle
□riow#i		Time to fill				Sec		
		Flow depth				In	Ta	ape measure
□Flow#2		Flow width		2)		Ft, In	Ta	ape measure
	N	Aeasured length		, ,,,		Ft, In	Ta	ape measure
		Time of travel				S		Stop watch
Te	empera	ture				°F	T	hermometer
	pН				pF	I Units	Te	st strip/Probe
	Ammor	via.				ma/l		Test strip

Are Any Physical Indicators Present in the flow? \( \precedity \text{Fig. 1.1} \)	rs Present in the	flow? Tyes		(If No. ;	(HNo, Skip to Section 5)			
INDICATOR	CHECK if Present		Q	DESCRIPTION		REL	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	☐ Rancid/sou☐ Other:	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	<i>l</i> /gas	1 - Faint	2 – Easily detected	3 – Noticeable from a distance
Color		☐Clear ☐Green	☐ Brown ☐ Orange	☐ Gray	☐ 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.) ☐ Petroleum (oil sheen)	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?	licators for Bo	oth Flowing all	nd Non-Flow	wing Outfalls	(If No, Skip to Section 6)	ion 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	S
Outfall Damage			Spalling, C	Cracking or Chipping	ping 🔲 Peeling Paint			
Deposits/Stains			□oily □ Fi	Flow Line	□Paint □ Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality			Odors	Colors	☐Floatables ☐ Oil Sheen Jgae ☐ Other:			
Pipe benthic growth			☐ Brown	Orange	Green Other:			
Section 6: Overall Outfall Characterization	fall Character	ization						
O Unlikely	Potential (presence of two or more indicators)	sence of two o	r more indica	tors)	Suspect (one or more indicators with a severity of 3)	dicators with a severity of	ef 3)	
Section 7: Data Collection	tion							
1. Sample for the lab?			☐ Yes	oN				
2. If yes, collected from:			☐ Flow	□ Pool				34
3. Intermittent flow trap set?	set?	☐ Yes	Yes	% □	If Yes, type: \$\square\$OBM\$	M Caulk dam		

Section 1: Back	ground Data			79		
Subwatershed:	pme			Outfall ID:	W 507-18	- C-
Today's date:	JAN 152	)25		Time (Military):	DID	
Investigators:	IKE ELSEEMAN	<i>S</i>		Form completed by	MIKE FIZEEMAN	
Temperature (°F):	460	Rainf	all (in.): Last 24 hours:	Last 48 hours:	Ø	
Latitude: N 32°	35' 56.54"	Longitude: 1	WES 29 31.60	GPS Unit:	GPS LMK #	#:
Camera:				Photo #s:		
Land Use in Draina	age Area (Check all tha	t apply):				
☐ Industrial				Open Space		
Ultra-Urban Re	sidential			Institutional		
Suburban Resid	lential			Other:		
☐ Commercial				Known Industries:		2
	of outfall, if known):			*		
( 0 )		100 K	IEZD HOUSE	SINE . 1	3 ~/	
	Discio	(B) (F	TECIS MONSE	3106	DOX	
Section 2: Outfa	all Description				т	
LOCATION	MATE	RIAL	SHA	PE	DIMENSIONS (IN.)	SUBMERGED
	<b>ℤ</b> RCP	☐ CMP	Circular Circular	Single	Diameter/Dimensions:	In Water: No
	☐ PVC	☐ HDPE	☐ Eliptical	☐ Double	37 × 25	Partially Fully
Closed Pipe	☐ Steel		□Box	☐ Triple		
	Other:		☐ Other:	☐ Other:		With Sediment:
						Partially Fully
	☐ Concrete				<del></del>	
	☐ Earthen		Trapezoid		Depth:	
Open drainage	☐ rip-rap		☐ Parabolic		Top Width:	
	' ' '		Other:		Bottom Width:	
	Other:				<u> </u>	XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
☐ In-Stream	(applicable wl					
Flow Present?	☐ Yes	O No	If No, Skip	to Section 5		
Flow Description (If present)	☐ Trickle	☐ Moderate	e Substantial			
Section 3: Ouan	titative Characte	rization				
			FIELD DATA FOR FL	OWING OUTFALLS		
PA	RAMETER		RESULT		UNIT E	QUIPMENT
□Flow#1	Volume				Liter	Bottle
□Flow#I	Time to fill				Sec	
	Flow depth				In 3	Гаре measure
☐Flow #2	Flow width		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ft, In	Tape measure
	Measured length		, 2)		Ft, In	Гаре measure
	Time of travel				S	Stop watch
Te	emperature				°F	Thermometer
	pН			p	H Units T	est strip/Probe
,	Ammonia				mg/L	Test strip

lNo (If No, Ship to Section 5)	DESCRIPTION RELATIVE SEVERITY INDEX (1-3)	□ Rancid/sour □ Petroleum/gas       □ 1 - Faint       □ 2 - Easily detected       □ 3 - Noticeable from a distance	vn     Clearly visible in outfall flow       T = Faint colors in sample bottle     2 - Clearly visible in sample bottle     3 - Clearly visible in outfall flow	See severity $\square$ 1 – Slight cloudiness $\square$ 2 – Cloudy $\square$ 3 – Opaque	etc.) Suds	Flowing Outfalls  Yes No (If No, Skip to Section 6)	DESCRIPTION COMMENTS	Spalling, Cracking or Chipping Point Peeling Paint Corrosion	☐ Flow Line ☐ Paint ☐ Other:	Inhibit	☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Excessive Algae ☐ Other:	Orange Cleen Other:		idicators) Suspect (one or more indicators with a severity of 3) Obvious		DINO	□ Pool	No If Yes tyne: John Caulk dam
		1 – Faint	☐ 1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	1 – Few/slight; origin not obvious	tion 6)		nt			ue			indicators with a severi				
Skip to Section 5)		ı/gas	☐ Yellow ☐Other:				DESCRIPTION				loatables			Suspect (one or more i				ı
		id/sour 🔲 Petroleum r:		See severity		Plowing Outfalls		ing, Cracking or Chip osion	Flow Line	Inhibit				dicators)		ON NO	Pool	N.
		☐ Sewage ☐ Rancid ☐ Sulfide ☐ Other:	Clear Brown		Sewage (Toilet Paper, etc.)	lowing and Non-I to flow present?	ent	Spall		☐ Excessive	Odors	☐ Brown	ion	e of two or more in		☐ Yes	Flow	☐ Yes
icators for Flowin s Present in the flow	CHECK if Present					icators for Both F	CHECK if Present						fall Characterizat	Potential (presence of two or more indicators)	ion			set?
Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? $\square_{Yes}$	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	TS 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:	Pmc			Outfall ID:	w 5 07-19	₹ ,	
Today's date:	JAN 15	2025		Time (Military):			
Investigators:				Form completed	by: MIKE FR	EMAI	J
Temperature (°F):	460	Raint	fall (in.): Last 24 hours	Last 48 hour	rs: Ø		
Latitude: \$370	59: 71-37"	Longitude:	V85' 49'60.76"	GPS Unit:	GP	S LMK #;	
Camera:			15.2	Photo #s:			
Land Use in Drain	age Area (Check all th	nat apply):		e			
☐ Industrial				Open Space			
Ultra-Urban Re	esidential			[] Institutional			
Suburban Resid	dential		4	Other:			
☐ Commercial				Known Industries	s:		
Notes (e.g., origin	of outfall, if known):						
	B16	5610	MERGY	of FIE	LIDHOUSE		
Section 2: Outf	all Description						
LOCATION	MAT	ERIAL	SI	IAPE	DIMENSIONS (	IN.)	SUBMERGED
	<b>₽</b> RCP	□ СМР	Circular	Single	Diameter/Dimensions:		In Water:
	□ PVC	☐ HDPE	☐ Eliptical	☐ Double	24"		No Partially
Closed Pipe	☐ Steel		Вох	☐ Triple		ļ	☐ Fully
	Other:		Other:	☐ Other:			With Sediment:
				-			☐ Partsally ☐ Fully
	☐ Concrete						
	☐ Earthen		☐ Trapezoid		Depth:		
Open drainage	☐ rip-rap		Parabolic		Top Width:		
	Other:		Other:		Bottom Width:		
☐ In-Stream		when collecting	samples)				
Flow Present?	☐ Yes	No	-	sip to Section 5			
Flow Description				up to Section 5			
(If present)	☐ Trickle	☐ Moderat	e Substantial				
Section 3: Quar	ntitative Charact	erization					
		100	FIELD DATA FOR I	LOWING OUTFALE	LS		
PA	RAMETER		RESULT		UNIT	EQ	UIPMENT
□Flow#1	Volume				Liter		Bottle
	Time to fill				Sec		
	Flow depth				In	Тар	oe measure
□Flow#2	Flow width		27		Ft, In	Тар	pe measure
	Measured length		,,		Ft, In	Тар	oe measure
	Time of travel				S		op watch
To	emperature				°F		ermometer
	pН				pH Units	Test	strip/Probe
	Ammonia				mg/L	Т	est strip

	RELATIVE SEVERITY INDEX (1-3)	detected	v visible in ☐ 3 — Clearly visible in outfall flow	3 - Opaque	- Some; indications of origin (e.g., povious oil sheen, suds or oil sanitary materials)		COMMENTS							☐ Obvious				
	LATIVE SEVER	2 – Easily detected	2 – Clearly visible in sample bottle	□2 - Cloudy	☐ 2 – Some; indications of origin (e.g., possible suds or oil sheen)				14					_				
	RE	☐ 1 — Faint	1 – Faint colors in sample bottle	☐ 1 – Slight cloudiness	☐ 1 – Few/slight, origin not obvious	tion 6)		ıt.			u			Suspect (one or more indicators with a severity of 3)				BM Caulk dam
(If No. Skip to Section 5)		ı/gas	☐ Yellow ☐Other:			(If No, Skip to Section 6)	DESCRIPTION	ping 🔲 Peeling Paint	□Paint □ Other:		☐Floatables ☐ Oil Sheen Algae ☐ Other:	Green Other:		Suspect (one or more i				If Yes, type: GOBM
o (If No. 2	DESCRIPTION	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	n Gray e Gred	See severity	etc.) Suds	owing Outfalls		Spalling, Cracking or Chipping Corrosion	☐ Flow Line ☐ □	☐ Inhibit	☐ Colors ☐I ☐ Excessive Algae	Orange		icators)		oN.	Dool	o <sub>N</sub>
Æ			Brown		Sewage (Toilet Paper, e	ig and Non-Fl w present?		Spalling, C	□loily [	☐ Excessive	Odors	Brown		vo or more ind		☐ Yes	☐ Flow	☐ Yes
or Flowing Outfa		Sewage 🗌 Sulfide	Clear		Sewa	or Both Flowin	CHECK if Present						acterization	Potential (presence of two or more indicators)				
Indicators fo ators Present i	CHECK if Present					Indicators for	CHE			_			Outfall Char	Potential	lection	32	rom:	trap 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:	pmc			Outfall ID: S	2507-20	
Today's date:	JAN 15 2025			Time (Military):	1030	
Investigators:				Form completed by	Mike Freeman	^
Temperature (°F):	470	Rainf	all (in.): Last 24 hours:	Last 48 hours:	Ø	
Latitude: N 32°	355%.57" Lo	ngitude:	185 29 31.60	GPS Unit:	GPS LMK	#:
Camera:				Photo #s:		
Land Use in Drain	age Area (Check all that ap	ply):		ei .		
☐ Industrial				Open Space		
Ultra-Urban Re	esidential			Institutional		
Suburban Resid	dential			Other:		
Commercial				Known Industries:		·
Notes (e.g., origin	of outfall, if known):					
7	B16610 DR	رت	DOADN FO	1 241 K	was were	
	Diversity DE		OCHES CI	NOC 3 COIR	ANG COLF	
Section 2: Outfa			T			
LOCATION			SHA	Y	DIMENSIONS (IN.)	SUBMERGED
	<b>②</b> RCP	] CMP	Circular Circular	Single	Diameter/Dimensions:	In Water:
	□ PVC □	HDPE	☐ Eliptical	☐ Double	36"	☐ Partially ☐ Fully
Closed Pipe	☐ Steel		Box	☐ Triple		With Sediment
	Other:		☐ Other:	☐ Other:		No
						☐ Partially ☐ Fully
	☐ Concrete			<u> </u>		
	☐ Earthen		Trapezoid		Depth:	
Open drainage	☐ rip-rap		Parabolic		Top Width:	
	Other:		Other:		Bottom Width:	
☐ In-Stream	(applicable when	collecting	samples)	700		
Flow Present?	☐ Yes	No.		p to Section 5		
Flow Description	☐ Trickle	] Moderate	e Substantial			
(If present)						
Section 3: Quar	ntitative Characteriz	ation				
			FIELD DATA FOR FI	LOWING OUTFALLS		
PA	RAMETER	T	RESULT		UNIT	EQUIPMENT
	Volume				Liter	Bottle
□Flow#1	Time to fill				Sec	
	Flow depth				In	Tape measure
□Flow #2	Flow width		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ft, In	Tape measure
	Measured length		, 21		Ft, In	Tape measure
	Time of travel				S	Stop watch
Т	emperature				°F	Thermometer
	pН			р	H Units	Test strip/Probe
	Ammonia				mg/L	Test strip

Are Any Physical Indicators Present in the flow? \( \sqrt{\gamma} \gamma_{\text{es}} \)	ars Present in the	flow?   Yes	No	(If No, 1	(If No, Skip to Section 5)			
INDICATOR	CHECK if Present		3	DESCRIPTION		REL	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	Rancid/so	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	n/gas	□ 1 – Faint	2 - Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Orange	☐ Gray	☐ 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?	licators for Bo	th Flowing anted to flow pr	nd Non-Flow	wing Outfalls	(If No, Skip to Section 6)	ion 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	S
Outfall Damage			Spalling, Corrosion	Spalling, Cracking or Chipping Corrosion	ping 🔲 Peeling Paint			
Deposits/Stains			□oily □ F	Flow Line	□Paint □ Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality			Odors	☐ Colors ☐] ☐ Excessive Algac	☐Floatables ☐ Oil Sheen			
Pipe benthic growth			☐ Brown	Orange	Green Other:			
Section 6: Overall Outfall Characterization	ifall Character	ization						
Unlikely	Dotential (presence of two or more indicators)	ence of two o	r more indica		$\square$ Suspect (one or more indicators with a severity of 3)	dicators with a severity of	of 3) $\square$ Obvious	
Section 7: Data Collection	tion							
1. Sample for the lab?			☐ Yes	No No				
2. If yes, collected from:	.,		☐ Flow	☐ Pool				
3. Intermittent flow trap set?	set?	☐ Yes	Yes	No I	If Yes, type: GOBM	M Caulk dam		

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

Section 1: Backg	round Data						
Subwatershed:	pme			Outfall ID: S u	STO	7-14	4
Today's date:	JAN 15 2025			Time (Military):	1038		
Investigators:				Form completed by:	MIKE	FREEMAN	
Temperature (°F):			II (in.): Last 24 hours:	Z Last 48 hours:	0		
Latitude: N'32°	36'21.70" Long	gitude: 🕠	85° 29' 22.57	GPS Unit:		GPS LMK #	:
Camera:				Photo #s:			
Land Use in Draina	ge Area (Check all that apply	y):					
☐ Industrial				Open Space			
Ultra-Urban Res	sidential			<b>Institutional</b>			
Suburban Reside	ential			Other:			127
☐ Commercial				Known Industries:			
Notes (e.g., origin o	f outfall, if known):						
Section 2: Outfa	ll Description						
LOCATION	MATERIAL		SHA		DIMEN	SIONS (IN.)	SUBMERGED
	© RCP □ C	CMP +	@ Circular	Single	Diameter/Dir		In Water:
	□ PVC □ I	HDPE	Eliptical	☐ Double	727	(96	Partially Fully
Closed Pipe	☐ Steel		Box	☐ Triple			
	Other:	- 1	☐ Other:	Other:			With Sediment:
				*			Partially Fully
	☐ Concrete				D 11		
	☐ Earthen	1	☐ Trapezoid		Depth:		
Open drainage	□ гір-гар		Parabolic Parabolic		Top Width: _		
	☐ Other:		Other:		Bottom Widt	b:	
☐ In-Stream	(applicable when co	llecting s	amnles)		1100		<u> </u>
Flow Present?	Yes	□ No		o to Section 5			
Flow Description (1f present)		Moderate	☐ Substantial	VENECY			
Section 3: Quant	titative Characterizat	ion					
Cetton D. Quant	Mutivo Characterizat	ION	FIELD DATA FOR FL	OWING OUTFALLS	7-1111		
PAR	RAMETER	1	RESULT		JNIT	EC	UIPMENT
□Flow#1	Volume				Liter		Bottle
	Time to fill				Sec		
	Flow depth				In	Ta	ape measure
□Flow #2	Flow width	·	37		Ft, In	Ta	ape measure
	Measured length	2		J	Ft, In	Ta	ape measure
	Time of travel				S	5	Stop watch
Ter	трегатите				°F	T	hermometer
	pН			pI	I Units	Tes	st strip/Probe
A	mmonia				mg/L		Test strip

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? $\Box_{No}$ $\Box_{No}$ $(IfNo, Skip to Section 5)$	CHECK If Present	The second control of	or Clear Drown Gray Yellow Clear Sample bottle Sample bottle Orange Red Other:		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?	CATOR CHECK if Present DESCRIPTION COMMENTS	Damage	ts/Stains	Vegetation	ol quality		Section 6: Overall Outfall Characterization	ely Detential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious	)ata Collection	for the lab?	Flow	
Section 4: Physical Indi Are Any Physical Indicators	INDICATOR	Odor	Color	Turbidity	Floatables -Does Not Include Trash!!	Section 5: Physical Indi Are physical indicators the	INDICATOR	Outfall Damage	Deposits/Stains	Abnormal Vegetation	Poor pool quality	Pipe benthic growth	Section 6: Overall Outf	O 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)?

If Yes, type: OBM

Section 1: Back	ground Data						
Subwatershed:	anc.			Outfall ID: S	W TO	7-17	
Today's date:	JAN 15 2025			Time (Military):	1140		•
Investigators:					Y MIKE FR	LEE MAN	)
Temperature (°F):		Rainfa	all (in.): Last 24 hours:		s: Ø		
Latitude: N320	35' 2. 28" Lor	ngitude: 💊	1850 29' 26.47	* GPS Unit:		GPS LMK #	k:
Camera:				Photo #s:			
Land Use in Draina	age Area (Check all that app	oly):					
☐ Industrial				Open Space			
Ultra-Urban Re	esidential			Institutional			
☐ Suburban Resid	dential		,	Other:			
☐ Commercial				Known Industries			
Notes (e.g., origin	of outfall, if known):						
V	vellness 1	Lite	her				
Section 2: Outfa		ı	SHA	APE .	DIMENSIO	NS (IN.)	SUBMERGED
200111011		CMP	Circular	Single	Diameter/Dimen		In Water:
		HDPE	☐ Eliptical	☐ Double	24		▼No □ Partially
		IIDIE					Fully
Closed Pipe	Steel		□ Box	☐ Triple			With Sediment:
	Other:	_	Other:	Other:			✓ No ☐ Partially ☐ Fully
	Concrete	-			,		
	☐ Earthen		☐ Trapezoid		Depth:		
Open drainage			☐ Parabolic		Top Width:	_	
	☐ rip-rap		☐ Other;		Bottom Width: _		
	Other:						
☐ In-Stream	(applicable when					- 17 1-2	
Flow Present?	☐ Yes	Ø No	If No, Skip	to Section 5			
Flow Description (If present)	☐ Trickle ☐	Moderate	Substantial				
Section 3: Quan	ntitative Characteriza	ation					
			FIELD DATA FOR FI	OWING OUTFALL	.s		
PA	RAMETER		RESULT		UNIT	E	QUIPMENT
□Flow#1	Volume				Liter		Bottle
	Time to fill				Sec		
	Flow depth				In	7	Tape measure
□Flow #2	Flow width	<b>1</b>	?		Ft, In		Tape measure
	Measured length	1-			Ft, In		Tape measure
	Time of travel	1			S		Stop watch
Te	emperature				°F		Thermometer
	pH	-			pH Units	Te	est strip/Probe
	Ammonia				ma/I		Test strin

Are Any Physical Indicators Present in the flow?	ors Present in the	flow?   Yes	ON NO	(if No, S	(If No, Skip to Section 5)			
INDICATOR	CHECK if Present	0.000		DESCRIPTION		REL	RELATIVE SEVERITY INDEX (1-3)	1-3)
Odor		Sewage Sulfide	Rancid/so	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	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.) ☐ Petroleum (oil sheen)	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 an	nd Non-Flow esent?	wing Outfalls ☐ Yes 👺 №	(If No, Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present			DESCRIPTION		COMMENTS	100
Outfall Damage			Spalling, (	Spalling, Cracking or Chipping Corrosion	ing Pecling Paint	ıt .		
Deposits/Stains			□oily □ F	Flow Line   Paint	int Other			
Abnormal Vegetation			☐ Excessive	Inhibited				
Poor pool quality			Odors Suds	Colors Cy	☐Finatables ☐ Oil Sheen gac ☐ Other:	и		
Pipe benthic growth			☐ Brown	Orange	Green Other:			
Section 6: Overall Outfall Characterization	ifall Characteri	ization						
Unlikely	Dotential (presence of two or more indicators)	ence of two o	r more indica		Suspect (one or more i	Suspect (one or more indicators with a severity of 3)	f3) 🔲 Obvious	
Section 7: Data Collection	tion							
1. Sample for the lab?			□ Yes	o No				
2. If yes, collected from:			☐ Flow	☐ Pool				
3. Intermittent flow trap set?	set?	☐ Yes	/es	No I	If Yes. type: OBM	BM Caulk dam		

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

D-4

Illicit Discharge Detection and Elimination: Technical Appendices

Section 1: Back	ground Data						
Subwatershed:	PMC			Outfall ID: 5	w 410	10	
Today's date:	JAN 1.5 202	3		Time (Military):			ŧ
Investigators:				Form completed by	WIKE F	ZEEM	AN .
Temperature (°F):	54°	Rainf	all (in.): Last 24 hours:	Last 48 hours			
Latitude: N372°	35'44.50" L	ongitude:	1850 29' 16.11"	GPS Unit:	7	GPS LMK #	5.
Camera:				Photo #s:			
Land Use in Drain	age Area (Check all that a	pply):					
☐ Industrial				Open Space			
Ultra-Urban Re	esidential			Institutional			
Suburban Resid	dential			Other:			
☐ Commercial				Known Industries:			
Notes (e.g., origin  Section 2: Outf		tra	e a D	or fixultan	e		
LOCATION		[AL	SI	IAPE	DIMENSIO	NS (IN.)	SUBMERGED
		СМР	Circular	Single	Diameter/Dimens	ions:	In Water:
	□ PVC	HDPE	☐ Eliptical	☐ Double	54"		☑ No ☐ Partially
Closed Pipe	☐ Steel		Box	☐ Triple			Fully
Closed Fipe	1		Other:				With Sediment:
	Other:		Other:	Other:			Partially Fully
	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen				,		
Open drainage	☐ rip-rap		Parabolic		Top Width:	_	
	Other:		Other;		Bottom Width:		
☐ In-Stream	(applicable when	collecting	samples)				
Flow Present?	Yes	□No	If No, SI	kip to Section 5			
Flow Description (If present)	Trickle [	☐ Moderate	e Substantial	·CONSTRUCT	nou- RE	POST	Tron -
Section 3: Quar	ntitative Characteri	zation					
			FIELD DATA FOR	FLOWING OUTFALL	S		
PA	RAMETER		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 length		2 27		Ft, In	Т	ape measure
	Time of travel				S		Stop watch
Т	emperature				°F.	Т	hermometer
	рН			1	oH Units	Te	st strip/Probe
	Ammonia				mg/L		Test strip

Are Any Physical Indicators Present in the flow? \( \text{Tyes} \)	rs Present in the	flow? Tyes	ž	(If No,	(If No, Skip to Section 5)			
INDICATOR	Present			DESCRIPTION			RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	Rancid/so	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:	ı/gas	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		Clear Green	☐ Brown ☐ Orange	☐ Gray	☐ 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.) ☐ Petroleum (oil sheen)	) $\square_{\mathrm{Suds}}$		1 – Few/slight; origin not obvious		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?	licators for Bo	ith Flowing a		owing Outfalls	(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	pping   Peeling Paint	_		
Deposits/Stains			□oily □ I	Flow Line	□Paint □ Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality			Odors	☐ Colors ☐ ☐ Excessive Algae	☐Floatables ☐ Oil Sheen Ngae ☐ Other:			
Pipe benthic growth			☐ Brown	Orange	Green Other:			
Section 6: Overall Outfall Characterization	fall Character	ization						
Unlikely	Dotential (presence of two or more indicators)	sence of two o	or more indica		Suspect (one or more indicators with a severity of 3)	idicators with a sever	ity of 3) Devious	
Section 7: Data Collection	tion							
1. Sample for the lab?			□ Yes	oNo				
2. If yes, collected from:			☐ Flow	□ Pool				
3. Intermittent flow trap set?	set?		☐ Yes	No	If Yes, type: GOBM	3M Caulk dam		

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

Section 1: Backgr	ound Data				
Subwatershed:	pne		Outfall ID: 5	w w09-00	(
Today's date:	JAN 15 2025		Time (Military):	1300	ŧ
Investigators:			Form completed by	MIKE FIZERM	2
Temperature (°F):	J :-	fall (in.): Last 24 hours:	P	6	
Latitude: 037°	35 48.81" Longitude:	185° 29' 64 29"	GPS Unit:	GPS LMK #	Ŀ
Camera:			Photo #s:		
Land Use in Drainage	Area (Check all that apply):				
☐ Industrial			Open Space		
Ultra-Urban Resid	ential		Institutional		
☐ Suburban Residen	tial		Other:		
☐ Commercial			Known Industries:		·
	OUTFALL AT	WEWDEN C	SARDEN	·CSTEM - A	(G)
Section 2: Outfall LOCATION	Description MATERIAL	SHA	APE	DIMENSIONS (IN.)	SUBMERGED
EGGATION	RCP CMP	Circular	Single	Diameter/Dimensions:	In Water
	PVC HDPE	☐ Eliptical	☐ Double	24"	✓ No ☐ Partially
da					Fully
Closed Pipe	Steel	Box	Triple		With Sediment:
	Other:	Other	Other:		☑ No ☐ Partially ☐ Fully
Alexander Consciliation.	Concrete	Transmit 1		Dowth	
_	Earthen	Trapezoid		Depth:	
Open drainage	☐ rip-rap	Parabolic		Top Width:	
	☐ Other:	Other:		Bottom Width:	
☐ In-Stream	(applicable when collecting	g samples)			VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Flow Present?	☐ Yes No		p to Section 5		
Flow Description (If present)	☐ Trickle ☐ Modera	te Substantial			
Section 3: Quantit	tative Characterization				
		FIELD DATA FOR FL	LOWING OUTFALLS		
PARA	METER	RESULT			QUIPMENT
□Flow #1	Volume			Liter	Bottle
	Time to fill			Sec	
	Flow depth				Tape measure
□Flow #2	Flow width	2 22			Tape measure
	Measured length				Stop watch
	Time of travel			S °F	Stop watch Thermometer
	perature				est strip/Probe
	pH omonia			me/L	Test strip
Δm	monia		1	HIE/L	I CSUSUID

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

Section 1: Backg	ground Data				
Subwatershed:	pme		Outfall ID: Su	0 W 09-06	
Today's date:	JAN 15 2025		Time (Military):	1310	Ł
Investigators:			Form completed by	MIKE FIZEZIN	AN
Temperature (°F):		Rainfall (in.): Last 24 hours		Ø	
Latitude: \\ 3a*	35' 48. c4' Longitu	ide: W85" 29' 04. 03	GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Draina	ge Area (Check all that apply):				
☐ Industrial			Open Space		
Ultra-Urban Res	sidential		Institutional		
Suburban Reside	ential		Other:		
☐ Commercial			Known Industries:	-	0
Notes (e.g., origin o	of outfall, if known):				
	RESIDENCE	HALL PARKIA	UG - PAST	T BRIDGE	
Section 2: Outfa	Il Description  MATERIAL	SI	HAPE	DIMENSIONS (IN.)	SUBMERGED
LOCATION	RCP CN		Single	Diameter/Dimensions:	In Water
			S=0	24"	No No
	PVC HE		Double		☐ Partially ☐ Fully
Closed Pipe	☐ Steel	Box	☐ Triple		With Sediment:
	☐ Other:	☐ Other:	Other:		Panially
					☐ Fully
	Concrete	□ Transpoid		Denth	
	☐ Earthen	Trapezoid		Depth:	
Open drainage	☐ rip-rap	Parabolic		Top Width:	
,	Other:	Other;		Bottom Width:	
☐ In-Stream	(applicable when colle	cting samples)			
Flow Present?	☐ Yes ■	No If No, S	kip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Mo	derate			***************************************
Section 3: Quant	titative Characterizatio	n			
		FIELD DATA FOR	FLOWING OUTFALL	S	
PA	RAMETER	RESULT		UNIT	QUIPMENT
□Flow#1-	Volume			Liter	Bottle
	Time to fill			Sec	
L	Flow depth			In	Tape measure
□Flow #2	Flow width .	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Tape measure
	Measured length .				Tape measure
	Time of travel			S	Stop watch
Te	mperature				Thermometer
	pH		1		est strip/Probe
A	mmonia			mg/I	Test strin

Are Any Physical Indicators Present in the flow? \( \textstyre \textstyre \)	ors Present in the	flow? Tyes	ů U N°	(If No.	(If No, Skip to Section 5)			
INDICATOR	CHECK if Present			DESCRIPTION		RE	RELATIVE SEVERITY INDEX (1-3)	(1-3)
Odor		Sewage Sulfide	Rancid/sc	/sour 🔲 Petroleum/gas	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.)	) $\square_{Suds}$		☐ 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	ith Flowing an		owing Outfalls	(f(No, Skip to Section 6)	tion 6)		
INDICATOR	CHECK if Present	Present	THE SAME	-16 -10 -10	DESCRIPTION		COMMENTS	S
Outfall Damage			Spalling,	Spalling, Cracking or Chipping Corrosion	pping   Peeling Paint			
Deposits/Stains				☐ Flow Line ☐	□Paint □ Other:			
Abnormal Vegetation			☐ Excessive	☐ Inhibited				
Poor pool quality			□ Odors □Suds	Colors Excessive	☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Excessive Algae	١		
Pipe benthic growth			☐ Brown	☐ Orange	☐ Green ☐ Other:			
Section 6: Overall Outfall Characterization	tfall Character	ization						
Unlikely	Potential (presence of two or more ind	sence of two o		icators)	- 1	Suspect (one or more indicators with a severity of 3)	of 3) $\square$ Obvious	
Section 7: Data Collection	ction							
1. Sample for the lab?			□ Yes	oN <sub>0</sub>				
2. If yes, collected from:	n:		☐ Fłow	Pool				
3. Intermittent flow trap set?	p set?		☐ Yes	No	If Yes, type: GOBM	3M Caulk dam		
					September 1			

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

Section 1: Backg	round Data				
Subwatershed:	Pmc		Outfall ID:	11-90 W W	
Today's date:	JAN 15 2025		Time (Military):	1325	ė
Investigators:			Form completed by	MIKE FREEM	MAN
Temperature (°F):	55° Rain	ıfall (in.): Last 24 hours:	Last 48 hours:	Ø	
Latitude: N 32° 3	35' 46.69"   Longitude:	W85° Z9' 03.81"	GPS Unit:	GPS LMK	#:
Camera:			Photo #s:		
Land Use in Drainag	e Area (Check all that apply):				
☐ Industrial			Open Space		
☐ Ultra-Urban Resi	dential		Institutional		
Suburban Reside	ntial		Other:		
☐ Commercial			Known Industries:		
Notes (e.g., origin of					
30	TWEEN STEM	+ AZ / PA	ESIDENCE	NACC	
Section 2: Outfal	MATERIAL	SHA	APE	DIMENSIONS (IN.)	SUBMERGED
	RCP CMP		Single	Diameter/Dimensions:	In Water;
	□ PVC □ HDPE		☐ Double	12"	No ☐ Partially
Closed Pipe	Steel	I .	☐ Triple		Fully
Ciosed Pipe	_		·		With Sedimon.
	Other:	Other:	Other:		Partially
		<b>_</b>			Fully
	Concrete	☐ Trapezoid		Depth:	
Open drainage	☐ Earthen	☐ Parabolic		Top Width:	
	□ rip-гар	Other:		Bottom Width:	
	☐ Other:			Bottom Widen.	
☐ In-Stream	(applicable when collecting	g samples)			
Flow Present?	☐ Yes ☐ No	o If No, Skip	to Section 5		
Flow Description (If present)	☐ Trickle ☐ Modera	te Substantial			
Section 3: Quant	itative Characterization				
		FIELD DATA FOR FL	OWING OUTFALLS		
PAR	AMETER	RESULT		UNIT	EQUIPMENT
Flow #1	Volume			Liter	Bottle
	Time to fill			Sec	
	Flow depth			In	Tape measure
□Flow #2	Flow width	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ft, In	Tape measure
1 10W #2	Measured length	7 77		Ft, In	Tape measure
	Time of travel			S	Stop watch
Ten	perature			°F	Thermometer
	рН		p	H Units 7	Test strip/Probe
Аг	mmonia			mg/L	Test strip

(If No, Skip to Section 5)

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? \( \subseteq \text{Ves} \)

INDICATOR	CHECK if Present			REL	RELATIVE SEVERITY INDEX (1-3)	1-3)
Odor		Sewage Sulfide	☐ Rancid/sour ☐ Petroleutn/gas ☐ Other:	1 - Faint	2 – Easily detected	3 – Noticeable from a distance
Color		□Clear □Green	☐ Brown ☐ Gray ☐ Yellow ☐ Orange ☐ ☐ Orther:	☐ 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	<ul> <li>Sewage (Toilet Paper, etc.) □Suds</li> <li>□ Petroleum (oil sheen) □ Other:</li> </ul>	☐ 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-Flance physical indicators that are not related to flow present?	dicators for Bot that are not relat	th Flowing an	nd Non-Flowing Outfalls oresent?	ion 6)		
INDICATOR	CHECK if Present	Present	DESCRI		COMMENTS	50
Outfall Damage			Spalling, Cracking or Chipping Paint Corrosion			
Deposits/Stains			Oily Flow Line Paint Other:		2	
Abnormal Vegetation			☐ Excessive ☐ Inhibited			
Poor pool quality			Odors Colors Ploatables Oil Sheen Suds Excessive Algae			
Pipe benthic growth			☐ Brown ☐ Orange ☐ Green ☐ Other:			
ection 6: Overall Outfall Characterization	tfall Characteri	ization				
Unlikely	Potential (prese	ence of two o	☐ Potential (presence of two or more indicators) ☐ Suspect (one or more inc	Suspect (one or more indicators with a severity of 3)	of 3)   Obvious	
Section 7: Data Collection	tion					
. Sample for the lab?			☐ Yes			
If yes, collected from:	1:		☐ Flow ☐ Pool			
. Intermittent flow trap set?	p set?	Ó	☐ Yes ☐ No If Yes, type: ☐OBM	3M Caulk dam		

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

### **Appendix D**

**Illicit Discharge Detection & Elimination** 

**Investigated IDDE & Details** 

April 1, 2024, through March 31, 2025

Date	Location	Observation	Contaminant	Samples Y/N	Corrective Measures Taken	Date
6/7/2024	North parking lot JHS	sewage smell in SW U04-64	sewage?	310.00	upline investigation initiated	6/12/2024
7/3/2024	Swingle Hall	Sewage Overflow from cleanout into storm drain.	sewage	N	Line Unclogged by facilities personnel	7/3/2024
9/6/2024	Facilities Bldg 6 rear	Truck mounted mobile refueler on AU vehicle had a hose to split releasing < 1 gallon diesel to parking surface	diesel	N	oil dry quickly applied to surface	9/6/2024
	-	Observed turbid water between Lem Morrison and Greenway Bridge. Appeared to be the tail end of a discharge.	turbid water	N	None/Natural Flushing	9/10/2024
9/20/2024	Green Hall Courtyard	Estimated less than 1 gallon of hydraulic oil spilled onto concre	t hydraulic oll	N	FM to follow protocol to remove oil from sidewalk	9/23/2024
11/1/2024	Graves Ampetheater	Estimated 3-5 gallons of sewage overflow into storm as a result	of an occluded line.	N	Line Unclogged by facilities personnel	11/1/2024
11/6/2024	Beard Eaves Outfall	Milky white/grey substance noted in the creek. Appeared to be	Paint?	N	None/Natural Flushing	11/6/2024
11/14/2025	Arboretum @ Headwall coming into the preserve	Turbid water coming down from the STEM/AG construction	Light Sediment	N	Replaced floc logs/filtration bags at dewatering	11/14/2025
12/6/2024	Beard Eaves Outfall	Blue/grey paint like material noted coming from BEMC Culvert.	. Unknown	N	Flushed downstream within an hr of notice	12/6/2024
1/31/2025	Red Barn Outfall	Turbid water coming down from the direction of final construct	t Flushing of storm	N	None/Natural Flushing	1/31/2025
2/20/2025	Beard Eaves Outfall	Turbid water entering into the creek from the direction of ACLO	Sediment	N	Secondary storm line replaced. Flushed out.	2/20/2025

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# **Appendix E**

**Construction Site Inventory & Details** 

April 1, 2024, through March 31, 2025

ppendix E																	
	Site Details for permit year:																
pril 1, 2023	to March 31, 2024											-					
Project #	Project Name	Permit #	# of Disturbed Acres	Design Lead	Const. Lead	AD of Construction	Architect	Civil Engineer	General Contractor	Civil Contractor	# of Inspections Performed by Contractor	# of Inspections Performed by Auburn University	# of Non-compliant notices	# of Site Runoff Complaints	Status of ADEM Permit (Open/Closed)	Sub Comp (Blue - Actual / Orange - Est.)	Notes
18-538	College of Education Building - New Facility	ALR10C3SB	7	Contina McCall	Wade Kennedy	Andrew Spurtin	SNA	LBYD	Rabren	Hudmon	14	5	0	0	Open	12/24/2024	
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 takin over the site.
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	3	D	0	Closed	4/29/2024	Land Disturbance Authorization form completed on 3/12/24
19-442	New Housing Dorm	ALR10C4ZR	3.29	Chris Murphey	Kelly ONY	Andrew Spurlin	Niles Bolton Associates	Forseit	Rabren	AGX	16	3	1	2	Open	3/3/2026	
22-213	Gogue Amphitheater Renovation	AUR10CSNT	1.6	ммт	Nick Blair	Andrew Spurlin	Wilson Butler Architects	Kadre Engineering	Rabren	AGX	0	0	0	D	Open	10/1/2025	Land Disturbance Authorization form completed on 9/9/24
	Quad Phase II	ALR10C4ZR		Chris Murphey	Kelly ONY	Andrew Spurtin	DAVIS	Kadre Engineering	Rabren	AGX	6	2	4	1	Open	3/29/2025	
ff Campus I													I of Nan-compliant	and State Report	Status of ADEM	Sull Comp	VOICE C
Project #	FOR THE POST NAME OF THE POST			Design Load	Const lead		Architect	Chil Engineer	Contractor	Claff Contractor	Sellopertum	Authors University	NODES.	Complaints	Permit (Open/Gored)		
22-071	Alrport Runway Safety Area Extension	ALR10C49D	20.43	Matt Wagner	Matt Wagner	Andrew Spurin	Barge	Barge	D&J	D&J	13	1	2	0	Open	5/1/2014	
22-402	Auburn University Regional Airport Corporate Hangar at South Ramp	ALR10C3U2	2.11	Travis Davis	Nick Blair	Andrew Spurilin	Barge	Bargo	Gamble Winter	Hudmon	0.	2	0	0	Closed	3217/9004	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	9.	5	0	0	Open	10/27/2024	
	Equine Small Arms Firing Range - North Aubum																
	NCAT Stormwater Rsearch Building																
	Gulf Coast																

## **Appendix F**

Post Construction Green Infrastructure BMP Inventory & Inspection

April 1, 2024, through March 31, 2025

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-03	Dry Detention Basin	Facilities Pond	758241.439	763286.672	50	1
DDET-04	Dry Detention Basin	District Energy Pond	759762.452	765460.951	20	1
DDET-03	Dry Detention Basin	Theta Chi Pond	758965.981	762250.575	0	1
DDET-00	Dry Detention Basin	Delta Tau Delta Pond	759107.307	762263.753	0	1

DDET-08	Dry Detention Basin	Health Sciences Sector Pond	761256.191	760834.644	10	1
DDET-09	Dry Detention Basin	Risk Management Pond	758014.508	762998.407	20	1
DDET-10	Dry Detention Basin	SportsPlex Pond	759600.49	760600.15		1
DDET-11	Dry Detention Basin	ARTF Building 5 Pond	761046.13	759557.86	20	1
DDET-12	Dry Detention Basin	ARTF Building 6 Pond	758363.7	758244.42	20	1
DDET-13	Dry Detention Basin	Tennis Courts Pond	759588.344	765408.291	20	1
DDET-14	Dry Detention Basin	Chilled Water Plant	760640.976	761560.459	20	1
DDET-15	Dry Detention Basin	Transformation Garden	763215.938	760945.045	0	1
GS-01	Grassed Swale	Ag Heritage Park Swale	761629.387	762567.204	20	1
GS-02	Grassed Swale	Medical Clinic Swale	762390.435	761711.035	24	1
GS-03	Grassed Swale	VCOM Swale 1	760757.545	760229.729	26	1
GS-04	Grassed Swale	VCOM Swale 2	760827.756	760138.269	26	1
GS-05	Grassed Swale	VCOM Swale 3	761002.268	760082.434	26	1
GS-06	Grassed Swale	ARTF MRI Swale 1	760412.176	758902.844	20	1
GS-07	Grassed Swale	Lem Morrison Swale	762148.543	761268.924	20	1
GS-08	Grassed Swale	Arboretum Swale	764187.037	762438.012		1
GS-09	Grassed Swale	CASIC Swale	760781.495	758817.433	20	1
GS-10	Grassed Swale	Research Park Swale	760420.934	758571.334	20	1
GR-01	Green Roof	Rec and Wellness Green Roof 1	761331.297	764472.702		1
GR-02	Green Roof	Rec and Wellness Green Roof 2	760861.839	764507.581		1
GR-03	Green Roof	Nursing Green Roof	761066.4107	766090.0492	15	1
GR-04	Green Roof	Brown Kopel Green Roof	763237.807	766187.963	26	1
GR-05	Green Roof	Rane Culinary Science Center	764579.078	765517.924		1
PA-01	Porous Asphalt	VCOM Pond Path Paving	760551.855	760217.067	20	1
PP-01	Permeable Pavers	Samford Park Pavers	764362.438	766341.376	50	1
PP-02	Permeable Pavers	Foy Hall Pavers	763596.195	765666.497	20	1
PP-03	Permeable Pavers	CASIC Pavers	760878.493	758911.607	20	1
PP-04	Permeable Pavers	Garden of Memory Pavers	763724.679	763100.491	20	1
PP-05	Permeable Pavers	Upper Quad Pavers	763490.318	765221.041	26	1
PP-06	Permeable Pavers	Mell Concourse Pavers	763790.097	765180.741	26	1
PP-07	Permeable Pavers	Harbert Recruiting Pavers	761812.016	764587.966	26	1
PP-08	Permeable Pavers	South College Street Parking Deck	764485.587	764822.946	26	1
PP-09	Permeable Pavers	Rane Culinary Science Center	764484.152	765530.983		1
PP-10	Permeable Pavers	Heisman Dr. Transit Hub	762579.466	764622.833		1
PC-01	Pervious Concrete	Arboretum Sidewalk 1	764345.564	762557.87	26	1
PC-02	Pervious Concrete	Arboretum Sidewalk 2	760293.139	765729.32	26	1
PC-03	Pervious Concrete	Arboretum Sidewalk 3	764101.068	762450.098	26	1
PC-04	Pervious Concrete	Arboretum Sidewalk 4	764139.101	762311.241	26	1
PC-05	Pervious Concrete	Arboretum Sidewalk 5	763884.964	762418.462	26	1
PC-06	Pervious Concrete	Arboretum Sidewalk 6	764157.322	762296.021	26	1
RB-01	Rain Barrel	Arboretum Rain Barrel	763863.384	762143.701	26	1
RB-02	Rain Barrel	Dudley Rain Barrel	763242.478	763743.6	12	1
RG-01	Rain Garden	Gorrie Rain Garden 1	763564.53	763583.842	20	1
RG-02	Rain Garden	Gorrie Rain Garden 2	763512.559	763748.121	20	1
RG-03	Rain Garden	Plant Sciences Rain Garden 1	762252.404	759917.278	20	1
RG-04	Rain Garden	Plant Sciences Rain Garden 2	762211.743	759918.238	18	1
RG-05	Rain Garden	Dudley Rain Garden	763242.478	763743.599	12	1
RG-06	Rain Garden	Turfgrass Rain Garden	758786.644	756180.294		1
RG-07	Rain Garden	Arboretum Rain Garden	764321.374	762515.223	26	1
RG-08	Rain Garden	Arboretum Rain Garden	764142.166	762315.617	26	1

RG-09	Rain Garden	Arboretum Rain Garden	763760.969	762192.845	26	1
RG-10	Rain Garden	Arboretum Rain Garden	763969.332	762611.932	26	1
RG-11	Rain Garden	Arboretum Rain Garden	763780.984	762194.366	26	1
RG-12	Rain Garden	Arboretum Rain Garden	763801.71	762166.783	26	1
RG-13	Rain Garden	Arboretum Rain Garden	763850.045	762078.895	26	1
RG-14	Rain Garden	Chilled Water Plant Rain Garden 1	760833.952	761472.669	0	1
RG-15	Rain Garden	Chilled Water Plant Rain Garden 2	760897.747	761587.586	0	1
RG-16	Rain Garden	Football Performance Rain Garden 1	760350.041	763406.659	0	1
RG-17	Rain Garden	Football Performance Rain Garden 2	760593.999	763741.15	0	1
RG-18	Rain Garden	College of Education Building	762954.333	763141.572	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	20	1
WDET-01	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		

# **Appendix G**

**Municipal Facility SOP, Inventory & Inspection Records** 

April 1, 2024 through March 31, 2025

Facility Information					
Facility Name: Hutsell Rosen Track					
Facility POC: Eric Kleypass	Phone Number: 3347401267				
Date of Inspection: 11JUL24	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	
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$			
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?					
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 (i.e. not open, deteriorating, or leaking	_	$\boxtimes$			
<ol><li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li></ol>		$\boxtimes$			
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>	<u>-</u>	$\boxtimes$			
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?					
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: Jane B Moore Softball Comple	x						
Facility POC: Eric Kleypass	Phone Number: 3347401267						
Date of Inspection: 11JUL24	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  1. Site is free from litter and debris?		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?							
Pollution Prevention				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 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 stora	ge areas properly labeled?			$\boxtimes$			
Environmental Training	Environmental Training						
14. Has the Facility POC received Stormv	vater 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: 14NOV24	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	
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$			
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?					
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 (i.e. not open, deteriorating, or leaking	_	$\boxtimes$			
<ol><li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li></ol>	· · ·	$\boxtimes$			
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>	<u>-</u>	$\boxtimes$			
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?					
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 a	ny necessary photos	s):	
Issues from March insp	ection had been addre	essed.	
***Compliant (C)	Noncompliant (NC)	Non-applicable (N/A)	

Facility Information							
Facility Name: Nevell Arena							
Facility POC: Eric Kleypass	Phone Number: 3347401267						
Date of Inspection: 12NOV24							
Site Evaluation		Yes	$\Box$	No			
Does facility have potential pollutants or p	processes exposed to rain?	$\boxtimes$					
Inspection Checklist							
Good Housekeeping							
Inspection Item		С	$\perp$	NC			
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$					
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?		$\boxtimes$					
<ol><li>Storm drainage system and outfalls ar spills?</li></ol>	e inspected and free of debris and	$\boxtimes$					
Pollution Prevention		С	NC	N/A			
6. Is exposed equipment/processes clear	$\boxtimes$						
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	_	$\boxtimes$					
<ol><li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li></ol>		$\boxtimes$					
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>	_	$\boxtimes$					
11. Does the facility have any apparent ID	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 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: Soccer Complex				
Facility POC: Eric Kleypass	Phone Number: 3347401267			
Date of Inspection: 11JUN24	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	pperly 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?				
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?		$\boxtimes$		
13. Are hazardous materials/waste storage areas properly labeled?				
Environmental Training	Environmental Training			
14. Has the Facility POC received Stormwater 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: Watson Field House				
Facility POC: Eric Kleypass	Phone Number: 3347401267			
Date of Inspection: 18JUN24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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?				
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 Info	rmation					
-	: Football Complex					
Facility POC:	Eric Kleypass	Phone Number: 3347401267				
Date of Inspe	ction: 18JUN24	Inspectors: Mike Freeman				
Site Evaluat	ion		Yes		No	
Does facility	Does facility have potential pollutants or processes exposed to rain?				$\boxtimes$	
Inspection C						
Good Housek					NG	
Inspection Ite			С		NC	
1. Site is	s free from litter and debris?		$\boxtimes$			
2. Are d	esignated waste receptacles pro	perly used?	$\boxtimes$			
3. Are s	pills immediately cleaned up to t	he extent that only stains remain?	$\boxtimes$			
4. Are B	MPs 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 h	azardous materials/waste storag	ge areas properly labeled?	$\boxtimes$			
Environmenta	al Training					
14. Has t	he 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: Plainsman Park				
Facility POC: Eric Kleypass	Phone Number: 3347401267			
Date of Inspection: 11JUN24	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
<ol> <li>Site is free from litter and debris?</li> </ol>				
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 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	y Information				
Facility	Name: AU Hotel Conference Center				
Facility	POC:	Phone Number: 3347401267			
Date of	f Inspection: 09SEP24	Inspectors: Mike Freeman			
Site Ev	raluation		Yes		No
Does fa	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.	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?					$\boxtimes$
	nmental 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: Campus Dining Facility				
Facility POC:	Phone Number: 3347401267			
Date of Inspection: 09SEP24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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 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?				
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: Foy Dining				
Facility POC:	Phone Number: 334-740-1267			
Date of Inspection: 09SEP24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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 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 storag	ge areas properly labeled?			$\boxtimes$
Environmental 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: Hey Day-Rayne Dining				
Facility POC:	Phone Number: 3347401267			
Date of Inspection: 09SEP24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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?				

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: 09SEP24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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?				

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: 13SEP24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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 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 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 storag	ge areas properly labeled?			$\boxtimes$
Environmental 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: Village Dining				
Facility POC:	Phone Number: 3347401267			
Date of Inspection: 13SEP24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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 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: Wellness Kitchen				
Facility POC:	Phone Number: 3347401267			
Date of Inspection: 13SEP24	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 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	$\boxtimes$		
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, storag (i.e. not open, deteriorating, or leaki	_	$\boxtimes$		
9. If facility has outdoor storage, spill king 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	age areas properly labeled?			$\boxtimes$
Environmental Training				
14. Has the Facility POC received Stormy	vater 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: Campus Recreation Facility				
Facility	POC:	Phone Number: 3347401267			
Date of	Inspection: 08AUG24	Inspectors: Mike Freeman			
Site Ev	aluation		Yes		No
Does fa	acility have potential pollutants or p	processes exposed to rain?			$\boxtimes$
-	tion Checklist				
	lousekeeping				
<u> </u>	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.	5. Storm drainage system and outfalls are inspected and free of debris and spills?		$\boxtimes$		
Pollutio	on Prevention		С	NC	N/A
6.	Is exposed equipment/processes clea	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 kit personnel are aware of spill procedur				$\boxtimes$
10.	Does facility have materials or residual drain system, and/or local water ways	=	$\boxtimes$		
11.	Does the facility have any apparent ID	DDEs?	$\boxtimes$		
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 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: Intramural Field House				
Facility POC:	Phone Number:			
Date of Inspection: 08AUG24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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?		$\boxtimes$		
<ol><li>Storm drainage system and outfalls ar spills?</li></ol>	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	_	$\boxtimes$		
<ol><li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li></ol>		$\boxtimes$		
<ol><li>Does facility have materials or residua drain system, and/or local water ways</li></ol>	_	$\boxtimes$		
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 N	lame: Sportsplex				
Facility P	OC:	Phone Number:			
Date of I	nspection: 08AUG24	Inspectors: Mike Freeman			
Site Eva	luation		Yes		No
Does fac	cility have potential pollutants or p	processes exposed to rain?			$\boxtimes$
-	on Checklist				
	usekeeping				
Inspection			С		NC
1. S	Site is free from litter and debris?		$\boxtimes$		
2. <i>A</i>	Are designated waste receptacles pro	perly used?	$\boxtimes$		
3. A	Are spills immediately cleaned up to t	he extent that only stains remain?	$\boxtimes$		
4. <i>A</i>	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. I	s exposed equipment/processes clear	n and in good working order?	$\boxtimes$		
ļ r	f the facility stores materials or produ 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)?		$\boxtimes$			
	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	<u>-</u>	$\boxtimes$		
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?			$\boxtimes$
Environn	nental Training				,
14. F	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: Hot Water Plant II (Vet School)				
Facility POC:	Phone Number: 3347401267			
Date of Inspection: 16AUG24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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?		$\boxtimes$		
<ol><li>Storm drainage system and outfalls ar spills?</li></ol>	e inspected and free of debris and	oris and		
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)	_	$\boxtimes$		
9. If facility has outdoor storage, spill kits personnel are aware of spill procedure		$\boxtimes$		
<ol> <li>Does facility have materials or residual drain system, and/or local water ways</li> </ol>		$\boxtimes$		
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: Landscape Services				
Facility POC: Ray Willett	Phone Number: 3347401267			
Date of Inspection: 16AUG24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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 ar spills?	e inspected and free of debris and	id 🖂		
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	_	$\boxtimes$		
<ol><li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li></ol>		$\boxtimes$		
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>		$\boxtimes$		
11. Does the facility have any apparent ID	DEs?	$\boxtimes$		
<ol><li>Are hazardous materials/waste stored distanced from storm drain system an</li></ol>		$\boxtimes$		
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: Materials Management					
Facility POC: Martin Arwood	Phone Number: 3347401267				
Date of Inspection: 23AUG24	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	
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$			
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?		$\boxtimes$			
<ol><li>Storm drainage system and outfalls ar spills?</li></ol>	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)?		$\boxtimes$			
<ol><li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li></ol>	· · ·	$\boxtimes$			
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>	<u>-</u>	$\boxtimes$			
11. Does the facility have any apparent ID	DEs?	$\boxtimes$			
<ol><li>Are hazardous materials/waste stored distanced from storm drain system an</li></ol>		$\boxtimes$			
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):
HSI Provides Online Training for Stormwater and SPCC through Facilities Training.
***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Facility Information				
Facility Name: Satellite Steam Plant				
Facility POC:	Phone Number: 3347401267	Phone Number: 3347401267		
Date of Inspection: 23AUG24	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 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	$\boxtimes$		
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 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 residudrain system, and/or local water was		$\boxtimes$		
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	age areas properly labeled?			$\boxtimes$
Environmental Training				
14. Has the Facility POC received Storms	water training?	$\boxtimes$		

Comments (attach	n any necessary photos):
	- · · · · · · · · · · · · · · · · · · ·
	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: 23AUG24	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  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 a spills?	are inspected and free of debris and				
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), 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 king 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	age areas properly labeled?	$\boxtimes$			
Environmental Training					
14. Has the Facility POC received Stormy	vater training?	$\boxtimes$			

Comments (attach any necessary photos):
Minor Litter Policing of the laydown yard needed in areas near the large Pole Barn.
***Compliant (C) Noncompliant (NC) Non-applicable (N/A)

Facility Information				
Facility Name: 44 KV Generator				
Facility POC:	Phone Number: 3347401267			
Date of Inspection: 08AUG24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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?		$\boxtimes$		
<ol><li>Storm drainage system and outfalls ar spills?</li></ol>	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 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)?		$\boxtimes$		
<ol><li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li></ol>		$\boxtimes$		
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>	_	$\boxtimes$		
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: 08AUG24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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?		$\boxtimes$		
<ol><li>Storm drainage system and outfalls ar spills?</li></ol>	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 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)?		$\boxtimes$		
<ol> <li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li> </ol>		$\boxtimes$		
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>	_	$\boxtimes$		
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: Auto/Small Engine Shop				
Facility POC: Mark Carroll	Phone Number:			
Date of Inspection: 08AUG24	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 properties.	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 a spills?	are inspected and free of debris and			
Pollution Prevention		С	NC	N/A
6. Is exposed equipment/processes clear	an 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 residudrain system, and/or local water way				
11. Does the facility have any apparent I	DDEs?			
12. Are hazardous materials/waste store distanced from storm drain system a				
13. Are hazardous materials/waste stora	age areas properly labeled?			
Environmental Training			ı	
14. Has the Facility POC received Stormy	vater 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)	

	Information				
Facility I	Name: Chilled Water Plant I				
Facility I	POC:	Phone Number: 3347401267			
Date of	Inspection: 08AUG24	Inspectors: Mike Freeman			
Site Eva	aluation		Yes		No
Does fa	cility have potential pollutants or p	processes exposed to rain?			$\boxtimes$
-	ion Checklist				
	ousekeeping				110
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?		$\boxtimes$			
Pollution	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 produproducts intended for outdoor use), is prevent discharging?	• •	$\boxtimes$		
	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?	$\boxtimes$		
	Are hazardous materials/waste stored distanced from storm drain system an		$\boxtimes$		
13.	Are hazardous materials/waste storag	ge areas properly labeled?			$\boxtimes$
Environi	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: 08AUG24	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	
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$			
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	_	$\boxtimes$			
<ol><li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li></ol>		$\boxtimes$			
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>		$\boxtimes$			
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	POC:	Phone Number: 3347401267			
Date of	Inspection: 16AUG24	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.	5. Storm drainage system and outfalls are inspected and free of debris and spills?		$\boxtimes$		
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 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?	$\boxtimes$		
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				
Date of Inspection: 16AUG24	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	
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$			
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	_	$\boxtimes$			
<ol> <li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li> </ol>	• •	$\boxtimes$			
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>		$\boxtimes$			
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 (attac	h any necessary photos):
	SPCC and Stormwater Training provide through HSI online.
***Compliant (C)	Noncompliant (NC) Non-applicable (N/A)

Facility Info	rmation				
Facility Name	e: Fleet Refueling Station				
Facility POC:	Mark Carroll	Phone Number: 3347401267			
Date of Inspe	ection: 16AUG24	Inspectors: Mike Freeman			
Site Evaluat	ion		Yes		No
Does facility	have potential pollutants or p	processes exposed to rain?			$\boxtimes$
Inspection (	Checklist				
Good Housel					
Inspection Ite			С		NC
1. Site i	s free from litter and debris?				
2. Are o	designated waste receptacles pro	perly used?	$\boxtimes$		
3. Are s	pills immediately cleaned up to t	he extent that only stains remain?	$\boxtimes$		
4. Are E	BMPs in good working order?		$\boxtimes$		
5. Storm drainage system and outfalls are inspected and free of debris and spills?		$\boxtimes$			
Pollution Pre	vention		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?		$\boxtimes$			
	ility has outdoor storage, storage not open, deteriorating, or leakin	_			$\boxtimes$
	ility has outdoor storage, spill kit onnel are aware of spill procedur		$\boxtimes$		
	facility have materials or residuals system, and/or local water ways	_	$\boxtimes$		
11. Does	the facility have any apparent ID	DDEs?	$\boxtimes$		
	nazardous materials/waste stored nced from storm drain system an				$\boxtimes$
13. Are h	nazardous materials/waste storag	ge areas properly labeled?			$\boxtimes$
Environment	al Training				
14. Has t	he Facility POC received Stormw	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:	Phone Number: 3347401267			
Date of Inspection: 16AUG24	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
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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	_	$\boxtimes$		
<ol><li>If facility has outdoor storage, spill kits personnel are aware of spill procedure</li></ol>		$\boxtimes$		
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>	_	$\boxtimes$		
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):			
	Training provide by HSI (online)		
	Training provide by 1131 (online)		
***Compliant (C)	Noncompliant (NC) Non-applicable (N/A)		

Facility Information					
Facility Name: Fraternity Houses (ALL See N	lotes)				
Facility POC:	Phone Number: 3347401267				
Date of Inspection: 20FEB25	Inspectors: Mike Fr	reeman			
Site Evaluation			Yes		No
Does facility have potential pollutants o	r 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 p	properly used?				$\boxtimes$
3. Are spills immediately cleaned up to	o the extent that only s	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 cl	ean and in good workir	ng 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 resident drain system, and/or local water was	_	the storm	$\boxtimes$		
11. Does the facility have any apparent	: IDDEs?				$\boxtimes$
12. Are hazardous materials/waste sto distanced from storm drain system					$\boxtimes$
13. Are hazardous materials/waste sto	rage areas properly lab	eled?			$\boxtimes$
Environmental Training					
14. Has the Facility POC received Storm	nwater training?				$\boxtimes$

Comments (attach	any necessary photos	5):
	ver the last year to impro A large clean up is sched	ove litter issues around Greek Life. Much improved but duled for 1MAR24
MSF		
IVISE		
***Compliant (C)	Noncompliant (NC)	Non-applicable (N/A)

Facility Information					
Facility Name: Environmental Health and Safety I					
Facility POC: Tom Hodges	Phone Number: 334-703-7511				
Date of Inspection: 20FEB25	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	
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$			
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 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?		$\boxtimes$			
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>	<u>-</u>	$\boxtimes$			
11. Does the facility have any apparent ID	DEs?	$\boxtimes$			
<ol><li>Are hazardous materials/waste stored distanced from storm drain system an</li></ol>		$\boxtimes$			
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):
Personnel in process of facility maintenance.
 ***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: 20FEB25	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
<ol> <li>Site is free from litter and debris?</li> </ol>				
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 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?		$\boxtimes$		
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>	<u>-</u>	$\boxtimes$		
11. Does the facility have any apparent ID	DEs?	$\boxtimes$		
<ol><li>Are hazardous materials/waste stored distanced from storm drain system an</li></ol>		$\boxtimes$		
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: Environmental Health and Saf	ety III			
Facility POC: Tom Hodges	Phone Number: 334-703-7511			
Date of Inspection: 20FEB25	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?				
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 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 Stormv	vater 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: Pathological Waste Incinerato	r			
Facility POC: Steven Nolen	Phone Number: 334-703-3859			
Date of Inspection: 20FEB25	Inspectors: Mike Freeman			
Site Evaluation		Yes		No
Does facility have potential pollutants or	processes exposed to rain?			$\boxtimes$
Inspection Checklist				
Good Housekeeping				116
Inspection Item		С		NC
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$		
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?				
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 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 (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: Student Center					
Facility POC:	Phone Number: 3347401267				
Date of Inspection: 20FEB25	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	
<ol> <li>Site is free from litter and debris?</li> </ol>		$\boxtimes$			
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?		$\boxtimes$			
<ol><li>Storm drainage system and outfalls ar spills?</li></ol>	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 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?		$\boxtimes$			
<ol><li>Does facility have materials or residual drain system, and/or local water ways</li></ol>		$\boxtimes$			
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?				

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

# **Appendix H**

**Water Monitoring Data** 

April 1, 2024, through March 31, 2025

April 1, 2024 through March 31, 2025					
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 Influer
Sample Date	Result (cfu/100mL)	Sample Date	Result (cfu/100mL)	Sample Date	Result (cfu/100mL)
16-Apr-24	967	16-Apr-24	0	16-Apr-24	1733
8-May-24	267	8-May-24	333	8-May-24	333
11-Jun-24	500	11-Jun-24	67	11-Jun-24	67
8-Jul-24	367	8-Jul-24	133	8-Jul-24	167
7-Aug-24	667	7-Aug-24	200	7-Aug-24	100
18-Sep-24	200	18-Sep-24	67	18-Sep-24	433
8-Oct-24	233	8-Oct-24	533	8-Oct-24	1500
18-Nov-24	1267	18-Nov-24	67	18-Nov-24	1500
18-Dec-24	233	18-Dec-24	100	18-Dec-24	1000
16-Jan-25	200	16-Jan-25	33	16-Jan-25	867
10-Feb-25	33	10-Feb-25	0	10-Feb-25	9733
11-Mar-25	800	11-Mar-25	100	11-Mar-25	100
AWW Site Code	7011036 (S07-13)	AWW Site Code	7016013	AWW Site Code	7005011
ocation 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)
16-Apr-24	200	16-Apr-24	33	16-Apr-24	33
8-May-24	1167	8-May-24	500	8-May-24	133
11-Jun-24	867	11-Jun-24	733	11-Jun-24	667
8-Jul-24	6700	8-Jul-24	100	8-Jul-24	40000
7-Aug-24	1633	7-Aug-24	133	7-Aug-24	1000
18-Sep-24	100	18-Sep-24	267	18-Sep-24	333
8-Oct-24	200	8-Oct-24	367	8-Oct-24	167
18-Nov-24	1267	18-Nov-24	4233	18-Nov-24	533
18-Dec-24	100	18-Dec-24	133	18-Dec-24	700
16-Jan-25	0	16-Jan-25	100	16-Jan-25	267
10-Feb-25	33	10-Feb-25	100	10-Feb-25	233
11-Mar-25	7267	11-Mar-25	133	11-Mar-25	933
AWW Site Code	7014007 (P4-30)	AWW Site Code	7014006	AWW Site Code	07005012 (P4-37)
ocation 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)
16-Apr-24	877	16-Apr-24	133	16-Apr-24	33
8-May-24	800	8-May-24	2200	8-May-24	567
11-Jun-24	200	11-Jun-24	133	11-Jun-24	100
8-Jul-24	200	8-Jul-24	100	8-Jul-24	10867
7-Aug-24	200	7-Aug-24	733	7-Aug-24	300
18-Sep-24	1600	18-Sep-24	700	18-Sep-24	1700
8-Oct-24	33	8-Oct-24	133	8-Oct-24	2667
18-Nov-24	567	18-Nov-24	200	18-Nov-24	2100
	307	10-1101-24	200	10-140A-74	2100
18-Dec-24	67	18-Dec-24	100	18-Dec-24	1933

10-Feb-25	167	10-Feb-25	500	10-Feb-25	1300
11-Mar-25	100	11-Mar-25	1033	11-Mar-25	1200
AWW Site Code	07014005 (N04-09)	AWW Site Code	7005004	AWW Site Code	07014002 (P4-32)
ocation Description	Tennis Courts	Location Description	VCOM Pond	<b>Location Description</b>	DEP
Sample Date	Result (cfu/100mL)	Sample Date	Result (cfu/100mL)	Sample Date	Result (cfu/100mL)
16-Apr-24	533	16-Apr-24	33	16-Apr-24	33
8-May-24	367	8-May-24	333	8-May-24	9167
11-Jun-24	967	11-Jun-24	33	11-Jun-24	967
8-Jul-24	67	8-Jul-24	233	8-Jul-24	6567
7-Aug-24	300	7-Aug-24	533	7-Aug-24	1800
18-Sep-24	267	18-Sep-24	1567	18-Sep-24	500
8-Oct-24	133	8-Oct-24	100	8-Oct-24	5600
18-Nov-24	867	18-Nov-24	0	18-Nov-24	333
18-Dec-24	567	18-Dec-24	167	18-Dec-24	100
16-Jan-25	1933	16-Jan-25	0	16-Jan-25	0
10-Feb-25	233	10-Feb-25	300	10-Feb-25	2300
11-Mar-25	967	11-Mar-25	0	11-Mar-25	4467
AWW Site Code	7018002				•
acation Description	Chua Iardan Blaur				

AWW Site Code	7018002 Shug Jordan Pkwy				
Location Description					
Sample Date	Result (cfu/100mL)				
16-Apr-24	267				
8-May-24	167				
11-Jun-24	200				
8-Jul-24	500				
7-Aug-24	133				
18-Sep-24	100				
8-Oct-24	67				
18-Nov-24	100				
18-Dec-24	333				
16-Jan-25	233				
10-Feb-25	100				
11-Mar-25	267				