



2023 - 2028 Stormwater Management Plan

Permitting Period:	2023-2028
General Permit Number:	LAR041025
Agency Interest Number:	108519 (Lafayette Consolidated Government)
	23790 (UL Lafayette)

**Prepared by the University of Louisiana at Lafayette's
Office of Sustainability and Community Engagement**

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Revision Number	Revision Date	Details
0.0	1/15/25	Creation of SWMP for UL Lafayette

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1) Introduction

a) General Information

i) Introduction

On April 30, 2003, the University of Louisiana at Lafayette (“UL Lafayette” or “University”) was declared a co-permittee to discharge stormwater under a general permit issued to the Lafayette Consolidated Government (“LCG”) by Louisiana Department of Environmental Quality (“DEQ”) for the University’s property in Lafayette Parish.

As an institution of higher education, UL Lafayette is designated as a Non- Traditional Municipal Separate Storm Sewer System (“MS4”). The terms of that co-permit require Best Management Practices (“BMP”) that address the six Minimum Control Measures (“MCM”) as described in the Phase II NPDES Environmental Protection Agency (“EPA”) program. IPG is responsible for fulfilling MCM's with the public. As a co-permittee, UL Lafayette will be responsible for MCM’s on University property in New Iberia and engagement with the campus community.

The six Minimum Control Measures (MCMs) are as follows:

- MCM 1: Public Education and Outreach
- MCM 2: Public Involvement and Participation
- MCM 3: Illicit Discharge Detection and Elimination
- MCM 4: Construction Site Runoff Control
- MCM 5: Post- Construction Runoff Control
- MCM 6: Pollution Prevention and Good Housekeeping

Additionally, each of UL Lafayette’s BMPs within each MCMs must have a Measurable Goal (“MG”) which documents its anticipated date of implementation. The University President shall be responsible for the overall management of all MCMs, BMPs, and MGs as it is related to this Phase II NPDES EPA program each year. The University will provide annual updates on the status of the MGs in the Annual Report.

ii) UL Lafayette Stormwater Management Plan

This Stormwater Management Plan (“SWMP”) is a “living” document intended to be revised and updated as needed, but at a minimum, annually. The University's SWMP primary goals are to reduce pollutant discharges, to protect water quality, and to satisfy the appropriate water quality requirements and the Clean Water Act. To meet these goals, the stormwater program ensures that stormwater quality management policies and best management practices will be implemented by the University.

iii) Overview of UL Lafayette

The University of Louisiana at Lafayette was established in 1898 and is a 4-year public research university based in Lafayette, Louisiana, United States. It has the largest enrollment within the nine-campus University of Louisiana System with a typical enrollment of between 15,000- 20,000 students and 2200 employees.

UL Lafayette was originally named the Southwestern Louisiana Industrial Institute (“SLII”) and in 1900 construction began on the University’s first building (Old) Martin Hall which was completed in 1901 and shortly after classes began with 100 students. Dr. Edwin Stephens, the first president of the University, planted a grove of live oaks, the Twentieth Century Oaks, in the first year of the century. Today, many of those trees still stand over Johnston Street and University Avenue giving UL Lafayette a special sense of place in the urban context of Lafayette. Between 1901 and 1920, a total of 4 buildings were built in the area now known as the Quad.

By 1921, the University dropped "Industrial" from the name and became Southwestern Louisiana Institute (“SLI”). During this time the University had doubled to 50 acres and constructed 32 additional buildings between 1921-1960.

In 1960, the state legislature approved renaming Southwest Louisiana Institute to the University of Southwestern Louisiana (“USL”). The University drastically expanded its research and capabilities and acquired the New Iberia Research Center, one of the

nation's largest primate centers, in 1984. Tremendous growth in population and industry placed great stress on Louisiana's wetlands, and the state continues to lose about 30 square miles of coastal marshes each year. In the 1990s, UL Lafayette formed the University Research Park, and its first client was the National Wetlands Research Center which brought dozens of research scientists to Lafayette to research solutions for coastal environmental problems. A second major facility, an office of the National Marine Fisheries Service was added to the University's Research Park with focus on fisheries management in the northern Gulf of Mexico. Campus continued to expand, and 16 buildings were constructed between 1960-1999.

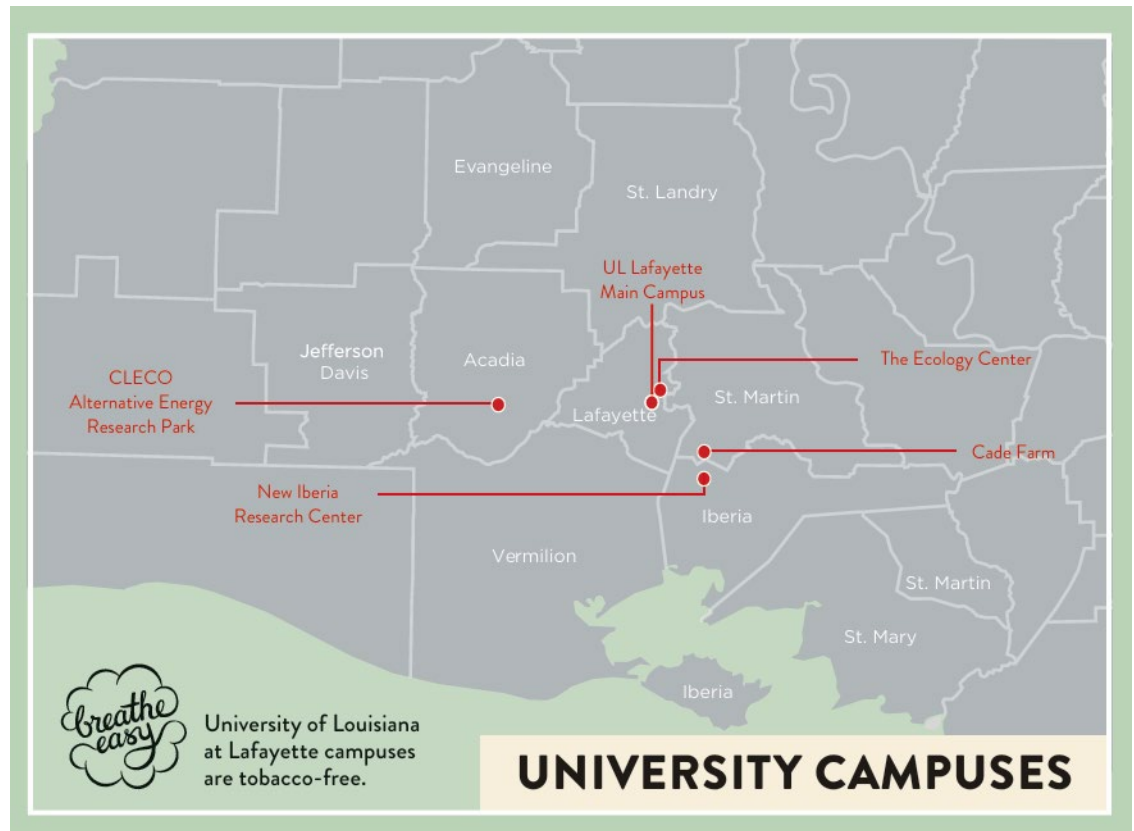
On September 10, 1999, the university's name changed to the University of Louisiana at Lafayette. The year 2000 marked the beginning of a period of campus expansion, renovation, and construction. The building boom was different from past construction projects because of how the projects were financed — the majority of building and renovation projects were financed with revenue generated by the University, not money provided by the Louisiana Legislature. From 2000 to 2015, 18 new construction projects were completed on campus. In 2009, campus sustainability efforts gathered steam. Students worked to establish university's recycling program, and the University was recognized for something that the University's first president Dr. Edwin Stephens knew to be important — the abundance of trees on campus. UL Lafayette was named a Tree Campus USA for its efforts to sustain and increase the number of trees on campus. The expansion of campus is an ongoing endeavor that is shaped by the 2013 Master Plan that is continuing to shape the campus into a national research institution in the heart of South Louisiana.

Today UL Lafayette's main campus consists of 145 acres; the athletic complex and Cajundome sit on 243 acres; University Research Park has 148 acres; and the Ecology Center has 51 acres. The recently acquired Health Sciences Campus adds 19 acres to campus. The total acres managed in the UL Lafayette Stormwater Management Plan is 606 acres as of 2023.

Properties owned and operated by UL Lafayette are located in Lafayette, St. Martin, and Iberia Parishes. See **Figure 1**. The Lafayette Campus, which includes all of Main Campus and the University Research Park which includes all athletic complexes, Cajun Field, Blackham Coliseum, Louisiana Solar Energy Laboratory (LaSEL), Cajundome, Ira Nelson Horticulture Center and the satellite campus of the Ecology Center are all managed under LCG’s Permit (LAR041025). UL Lafayette has a Stormwater Management Plan for properties owned and operated within Lafayette Parish and will have a separate Stormwater Management Plan for properties owned and operated within Iberia Parish.

The University is responsible for implementing surface water management activities on all of their owned properties. This includes the planning, design, construction, operation, and maintenance of the stormwater drainage system.

Figure 1: University Campuses in South Louisiana Map



iv) Updates

In 2023, The University of Louisiana at Lafayette's main campus was expanded with the acquisition of 19 acres of property with existing buildings to house the University of Louisiana at Lafayette's Health Sciences Campus. **Figure 2** shows the University owned property in Lafayette with the newly added Health Science Campus called out between Main Campus and the University Research Park. As of August 2023, the College of Nursing and Health Sciences has started the transition to the Health Sciences Campus which was acquired in 2023. See **Figure 3**.

Figure 2: Property Map of UL Lafayette Main Campus in Lafayette.
University of Louisiana at Lafayette (purple)

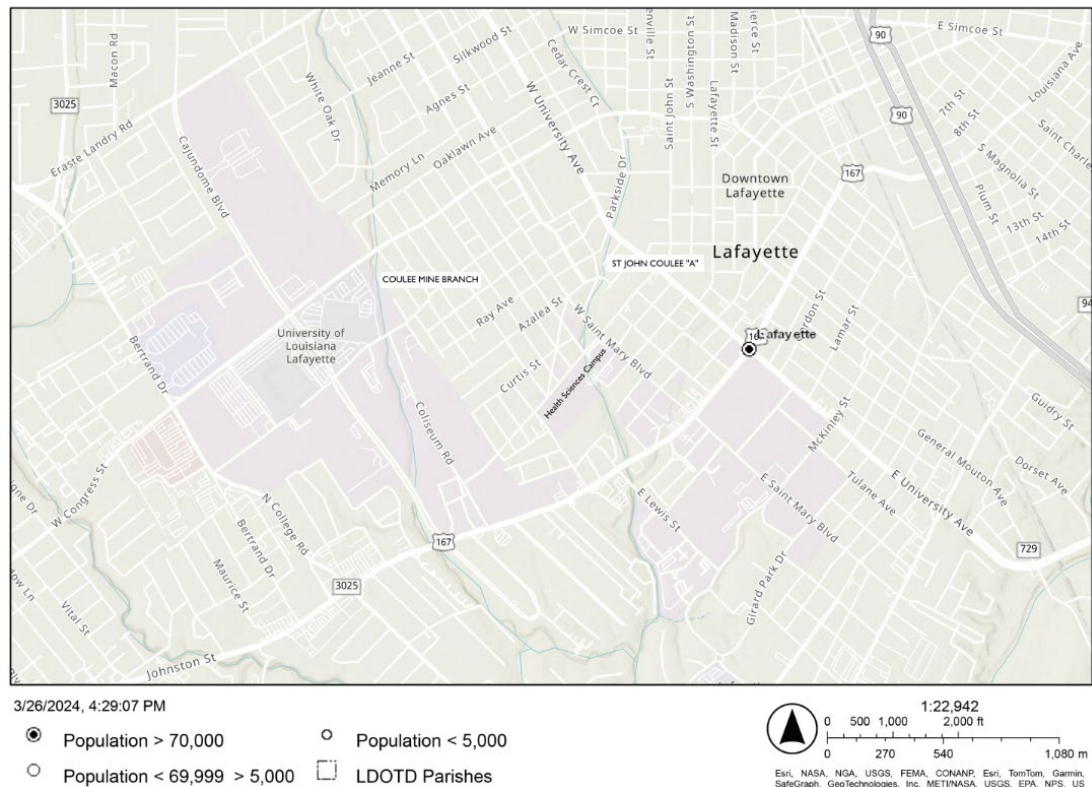
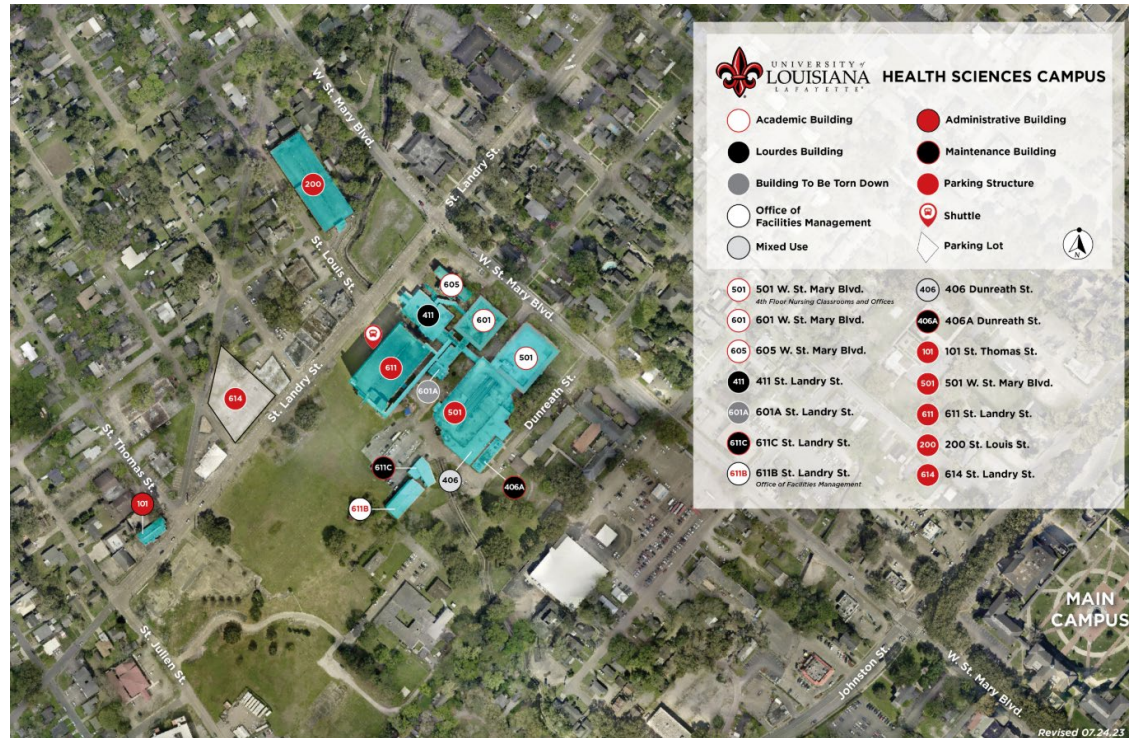


Figure 3: Health Sciences Campus



In accordance with the University’s Master Plan, a series of historic construction projects are planned to start construction within the next couple of years within the 2023-2028 SWMP, to reshape the UL Lafayette campus in the coming years. In the coming years, the University will be managing \$600 million in projects funded by a combination of state and private dollars. The University is committed to upholding best management practices throughout all construction projects in the coming years, ensuring full compliance with applicable laws and the requirements of its MS4 permit.

In 2024, UL Lafayette plans to file as co-permittee for the SMS4 General Permit with Iberia Parish Government (“IPG”) for its New Iberia Research Center (“NIRC”) property in New Iberia located within Iberia Parish. Once accepted, UL Lafayette will be responsible for a SWMP for University owned properties in Iberia Parish and rely on IPG for permit compliance outside of the University’s jurisdiction within Iberia Parish. University properties within Lafayette Parish will continue to be reported with LCG.

b) Overview of Watershed and Stormwater Drainage

The majority of the stormwater infrastructure within University property is owned and maintained by the University, as indicated on its drainage plans in **Figure 7**. All storm water from these University properties in the urban core of Lafayette Parish discharges to the primary receiving stream, the Vermilion River (Subsegments 06081 and 060802 of the “Vermilion-Teche River Basin”). From Lafayette the Vermilion River flows south out to Vermilion Bay, an inlet of the Gulf of Mexico.

Two concrete lined coulees run through main campus, the St. John Coulee “A” and the Coulee Mine Branch Coulee. These two coulees are owned and managed by Lafayette Consolidated Government. Since the coulees run through campus we use the coulees as the center of the University’s service-learning activities when special event litter is present and use the coulees to provide education about stormwater systems and the connection to the Vermilion Watershed and the Gulf of Mexico. The UL Lafayette Ecology Center, is a satellite campus in Lafayette Parish with 46 acres of irrigated field space that drains to the nearby Dan Debaillon Coulee and Acorn Drive Coulee, both managed by LCG.

The University staff member responsible for the SWMP shall continue to coordinate with LCG concerning any issues concerning the two coulees running through campus property. **Figure 1** shows the St. John Coulee “A” and the Coulee Mine Branch Coulee on University property.

University stormwater infrastructure consists of natural drainage features and man-made surface and subsurface drainage systems. Natural drainage on campus consists of green infrastructure like rain gardens, bioswales, permeable pavement, urban forests, rainwater harvesting, detention, and retention ponds. These green infrastructure features are used as living laboratories on campus to educate the campus community and surrounding community about the benefits of green infrastructure in urban cities that receive significant levels of rainfall each year. Man-made surface and subsurface drainage systems make up most of the drains on the UL Lafayette Campus,

these include ditches, gutters, trenches, culverts, French drains, and perforated pipes.

c) Co-Permittee Information

The University of Louisiana at Lafayette has been a Co-Permittee of LCG since 2003 and is responsible for LPDES SMS4 General Permit compliance on university owned property. UL Lafayette relies on LCG for permit compliance outside of university jurisdiction.

LCG developed an ordinance (Ordinance No. 164-2003) in 2003 that authorized the Lafayette City- Parish President to execute an intergovernmental agreement between LCG, the Town of Duson, the City of Scott, the City of Carencro, the Town of Youngsville, the University of Louisiana at Lafayette, and the Lafayette Regional Airport (LRA) to jointly submit an NOI for coverage under the LPDES SMS4 General Permit as co-permittees and to develop a stormwater management plan.

LCG is responsible for LPDES SMS4 General Permit conditions relating to the urbanized areas of the City-Parish not including the Town of Duson, the City of Scott, the City of Carencro, the Town of Youngsville, the University of Louisiana at Lafayette, and properties providing airport services for Lafayette Airport Commission (LAC). LCG relies on other co-permittees for permit compliance applicable to their jurisdictions. Refer to LCG's SWMP and SMS4 General Permit for additional information.

d) UL Lafayette Stormwater Management Team

The University's SWMP highest responsible official is Dr. E. Joseph Savoie, the sixth president of UL Lafayette. The staff member responsible for the management of the University's Stormwater Management Program is Blair Begnaud, Assistant Director of Sustainability within the Office of Sustainability and Community Engagement. Blair reports to the highest official responsible for the University, Dr. E. Joseph Savoie and Dr. Gretchen Vanicor, Chief Sustainability Officer. The staff member responsible for coordinating the University's Stormwater Management Program coordinates all tasks with responsible parties. The staff member responsible also

coordinates with LCG to fulfill requirements of the SWMP and address any concerns pertaining to the shared stormwater systems.

The University's SWMP team is responsible for the development and implementation of the SWMP and its goals. The University's SWMP team consists of representatives from various offices across the institution, collaboratively working to ensure that university operations are being run responsibly. The Office of Sustainability and Community Engagement leads the SWMP team which is made up of representatives the Office of Environmental Health + Safety, Office of Facility Management, and Office of Transportation with the help of the Office of Communications & Marketing, Athletics, UL Police Department, Office of First-Year Experience, UL Lafayette Ecology Center, Campus Food Services, UL Lafayette's Dupré Library, and UL Lafayette AmeriCorps. The SWMP team members are responsible for assigned MGs. The responsible team member may be solely responsible for fulfilling the MG or have shared responsibility with another team member that requires coordination to fulfill the MG. Specific responsibilities of team members are included in **Section 2** in the six BMB charts.

e) Monitoring and Annual Reporting

The University will monitor the long and short-term effectiveness of its SWMP through review of the MCM's MGs annually. With an annual evaluation the University can quantify the impact of each MG and determine if the program is working as intended and staying in compliance. If the goal is not met for more than 2 years in a row, the SWMP Team will reevaluate the feasibility of the goal. The Team will decide if corrective action is needed to achieve the goal or if the goal no longer fits within the context of university operations. If a goal change is required, then the MG will be updated with a written explanation of the change. The SWMP will be revised with the change noted in the corresponding MCM in **Section 2**.

The University will prepare an annual report which tracks the fulfillment of process of the MCMs, BMPs, and MGs of the University's operations as it pertains to its MS4. The Annual Report will include the

status of quantifiable measurable goals supported by reports, inspections, assessments, and documents showing compliance.

2) Minimum Control Measures (MCMs)

1) MCM 1: Public Education and Outreach

LCG is responsible for fulfilling MCM 1 with the public. UL Lafayette is responsible for involvement with the campus community.

The primary goal of MCM 1: Public Education and Outreach is to build a campus community that is aware of the personal responsibilities expected of them and others in the community, including the individual actions they can take to protect or improve the quality of area waters. An informed and passionate campus community is more likely to take pride in caring for their surroundings and take actions to improve it. To reach our goals, UL Lafayette utilizes service-learning events, educational signage, educational media posts, educational broadcasting messages, and our own landscapes to provide education to campus and community users by using our campus as a living laboratory.

Figure 4: MCM 1: Public Education and Outreach BMPs and MGs.

MCM 1: Public Education and Outreach				
Minimum Control Measure(s)	BMP(s)	Measurable Goal (steps to measure progress)	Implementation Schedule	Responsible Party
Public Outreach	Recycling/Litter Program	MG 1.1.1: Expand Access to Main Campus Lobbies	2019 - Current	Office of Sustainability
Public Outreach	Recycling/Litter Program	MG 1.1.2: Expand Access to Pedestrian Paths	2019 - Current	Office of Sustainability
Public Outreach	Recycling/Litter Program	MG 1.1.3: Reduce solid waste capacity by 15% if feasible	2019 - Current	Office of Sustainability
Public Outreach	Recycling/Litter Program	MG 1.1.4: Achieve 50% waste diversion for a Football game	2019 - Current	Office of Sustainability/AmeriCorps
Public Outreach	Recycling/Litter Program	MG 1.1.5: Reduce single use disposables in Dining	2021 - Current	Dining Services/Sustainability
Public Outreach	Low Impact Development	MG 1.2.1: Add Signage to Bioswales	2019 - Current	Office of Sustainability
Public Outreach	Low Impact Development	MG 1.2.2: Increase awareness about green Infrastructure (previously MG 1.2.3)	2019 - Current	Office of Sustainability
Public Outreach	Public Service Announcement	MG 1.3.1: Broadcast SWMP PSA on KRVS Radio Station	2003 - Current	Office of Sustainability and KRVS

BMPs measured within MCM 1:

1. BMP 1.1 Recycling and Litter Prevention

- The goal of the Recycling and Litter Prevention BMP is to utilize best practices for managing waste and recycling on the UL Lafayette campus to prevent litter from entering storm systems. This will be achieved by expanding recycling access to the campus, education, conducting waste audits with students to determine if solid waste services can be scaled back, and by maintaining contracts for waste management on University property. Goals will be met through the following activities:
 - The University will continue to provide recycling and waste bins across campus and recycle all materials on campus that are able to be recycled to reduce landfill waste. This will also reduce litter on the campus, as litter could infiltrate the MS4 and enter the Vermilion River. The University utilizes a single-stream recycling program for paper, aluminum, cardboard, and plastics 1-5 and 7.
 - Additionally, the University offers recycling programs for plastic bags/film and ink/toner to further reduce waste. The Plastic Bag Recycling Program collects plastic bags at 10 locations on main campus and keeps plastic bags in circulation on campus by sending them to be reused at the Campus Cupboard and Career Closet. The remaining plastic bags that are not reused are sent to “NexTrex” to be recycled into plastic decking and benches. The University will continue to participate in the “NexTrex Recycling Challenge” which requires 1,000 lbs of plastic bags and film to be recycled within a year. The university has reached this goal twice before and has been awarded two benches made of plastic bags for campus. The University also has an Ink and Toner Recycling Program where used ink and toner cartridges are collected from across campus and sent off to be refurbished and recycled. This program expanded in 2023 to start collecting unused ink and toner cartridges to redistribute it to offices that can use it, so nothing is wasted.
 - Single-stream standard recycling containers are co-located with trash cans in approximately seventy six percent (76%) of

main campus building lobbies, along many outdoor major pedestrian paths, and in many faculty and staff offices. Recycling bins are also co-located with trash cans in every trash room of the residential halls. In 2023, efforts to expand recycling to residential hall rooms were started. Accurately measuring the impact of campus wide recycling by gathering the weight and/or volume of recycled materials from the entire University operations on a daily basis is currently not feasible with our waste management system. In lieu of measuring material weight and/or volume, the University measures its progress through waste audits, access to recycling, and capacity volumes of both the solid waste and recycling operations systems.

- UL Lafayette will continue to reduce single-use disposables utilized by University Dining Services with the “Good To Geaux” Program which are reusable to-go containers, which eliminates single use disposable “clamshells” from University Dining locations. This program started was launched in March 1, 2021 and continued to run smoothly as it was fully integrated into the dining operations.
- UL Lafayette will continue to operate responsibly at home football games with its many Zero Waste programs. Programs include concourse and tailgating recycling, back of house plastic bag recycling, food recovery in concessions, minimizing plastics and boosting the use of compostable products in concessions, and the removal of crack and pour operations. Waste diversion efforts are measured and tracked throughout the season and the University will continue to participate in the “GameDay Football Zero Waste Touchdown Challenge ”which is a nationwide competition among colleges and universities to reduce and recycle the waste generated at home football games. The Office of Sustainability and Community Engagement will continue to lead the Zero Waste efforts for all home games with the assistance of UL Lafayette Americorps.

2. BMP 1.2 Education and Outreach

- o The goal of the Education and Outreach BMP is to increase awareness about green infrastructure, watersheds, and stormwater systems on campus through various engagement methods. This will be achieved by utilizing tools like websites, blogs, social media, university wide messaging, watershed models, and educational methods with classroom visits and by using the university's campus as a living laboratory to showcase green infrastructure. Goals will be met through the following activities:
 - In 2019, Architecture graduate students working in the Office of Sustainability and Office of Community Service participated in the EPA's Rainworks Challenge and used the opportunity to formalize the University's stormwater management efforts with an interdisciplinary team made up of staff, faculty, and students. While forming the University's interdisciplinary team and defining its work, DEQ notified the University and all institutions that maintain MS4 permits that new 5-year SWMP were required to continue the MS4 permits and so this competition project because a baseline for the University's stormwater master plan. A primary objective of the University's Green Infrastructure Master Plan is to engage both students and the community paired with the outlined strategies and projects in the University's SWMP. The goal is to not only better manage stormwater on university property and surrounding areas, but to also educate and influence the way that community members, developers, and government officials in Lafayette and throughout Acadiana view and handle stormwater runoff.
 - Our plan utilizes service-learning and community-based social marketing techniques to achieve this goal. The projects the University has identified to take place on campus will serve to model responsible storm water management behavior. The University will use signage, public communications via press releases and social media, and direct contact with key community leaders to demonstrate the effectiveness of and

provide community education on green infrastructure. This plan has been instrumental in advancing green infrastructure education and installing educational signs, bioswales, and rain gardens on campus and in the community with the help of community partners and service power provided by UL Lafayette's The Big Event. The University plans to participate in the EPA's Rainworks Challenge again but as of now, the 2019 Green Infrastructure Master Plan is still in use and will continued to be enhanced and updated.

- Staff and students working in the University's Office of Facilities Management and Office of Sustainability have been working together for several years to make urban green infrastructure improvements on campus. In alignment with the Green Infrastructure Master Plan the launch of the Sustainability Strategic Plan and Living Lab Signage Project provided the perfect opportunity to expand the scope of projects on campus, create more community awareness of the benefits of green infrastructure, and help the University implement Low Impact Development ("LID") strategies. Students will continue to learn about green infrastructure through the maintenance of these landscapes through service learning and community service with UL Lafayette AmeriCorps. Additional grants will be sought for the enhancement of these landscapes, development of new green infrastructure spaces that double as Bee Campus USA pollinator habitats, and installing additional educational signage as part of Phase II of the Living Lab Signage Project.
- In 2022, UL Lafayette became a Bee Campus USA Affiliate and in doing so we strengthened our green infrastructure landscapes by ensuring all pollinator habitats incorporate either a rain garden or bioswale with the pollinator friendly planting. This also safeguarded green infrastructure landscapes as all pollinator habitats were designated as "No Mow, No Spray" areas which ensured no chemicals were entering the storm drains in and around these habitats. "No Mow, No Spray" signs were installed at all of the protected

habitats. Bee Campus USA was instrumental in formalizing the University's 2023 Integrated Pest Management Plan (“IPM”) which further protects university landscapes and stormwater system from non-point source pollution.

- In 2023, the Office of Sustainability and Community Engagement advanced the mission of education with “Sustainability Class Visits and Tours” where staff from the office would go out into the campus and community when requested to talk to classes, departments, and offices to educate participants about sustainability topics with a presentation followed by a campus tour. This initiative allowed our community to see and learn first-hand how our university is committed to being a living laboratory. Participants get to visit and learn from campus pollinator habitats, urban Cajun prairies, special heritage trees, community gardens, various recycling options, and green infrastructure projects. Green Infrastructure stopping points on the tour include permeable pavement, rain gardens, bioswales, storm drain art, the library’s stormwater display case, and the highlight of the tour, a 2-acre man-made retention pond in the middle of campus, Cypress Lake. Educational Living Lab Signage is in development for this special habitat as Cypress Lake is the only managed wetland on a campus in the United States. This initiative has provided education to local elementary school classes, kids camps, classes, offices, departments, student organizations, campus residents, community groups, and campus visitors from across the state during earth week and the Louisiana Sustainability Summit. The “Sustainability Class Visits and Tours” has been successful reaching 913 campus and community participants and will continue to be offered.

3. BMP 1.3 Public Service Announcement

- o The goal of the Public Service Announcement BMP is to spread stormwater public service announcements to campus and the greater Acadiana region to promote best practices with an easy to remember slogan of “Only Rain Down the Drain” each week

throughout the year. Goals will be met through the following activities:

- KRVS (“Kampus Radio Voice of Southwestern”) is based on the UL Lafayette campus and the “Only Rain Down the Drain” PSA will reach 651,000 residents in 12 parishes across southern Louisiana, in the area referred to as Acadiana. This broadcast region includes all UL Lafayette Campuses. The station broadcasts on a 100,000-watt broadcast frequency 88.7 FM, at KRVS.org, and on HD1 on its app. KRVS began as a student station in 1963 at the UL Lafayette and continues to be a valuable tool for sharing educational content.
- The staff member responsible for the management of the University’s SWMP is working with local non-profit, Bayou Vermilion Preservation Association (“BVPA”) to create more radio segments to raise awareness about the Vermilion River pertaining to its history, Teche-Vermilion watershed and storm water system connections, BVPA educational events, recreation on the river, BVPA’s water quality sampling program, pollution and impacts of human activities on water quality, and more to spread education in the community about how to enjoy, protect, and preserve the Bayou Vermilion.

2) MCM 2: Public Involvement and Participation

LCG is responsible for fulfilling MCM 2 with the public. UL Lafayette is responsible for involvement with the campus community.

The primary goal of MCM 2: Public Involvement and Participation is to provide the campus and community opportunities to get involved and take action to protect or improve the quality of nearby waterways by addressing stormwater runoff issues. The University prides itself on its high level of community involvement and service both on campus and in the community. With targeted service-learning campus cleanups centered specifically around protecting local watersheds after Mardi Gras and Parade Events we will continue to increase campus and community understanding about the stormwater runoff impacts and importance of celebrating responsibly.

Figure 5: MCM 2: Public Involvement and Participation BMPs and MGs.

MCM 2: Public Involvement and Participation				
Minimum Control Measure(s)	BMP(s)	Measurable Goal (steps to measure progress)	Implementation Schedule	Responsible Party
Public Participation	University Trash Bash	MG 2.1.1: Student Organizations pick up litter	2003 - Current	Office of Sustainability / TBE/AmeriCorps
Public Participation	Library Display and Message Board	MG 2.2.1: Educational Display for Students and Employees	2012 - Current	Office of Sustainability / Library
Public Participation	Library Display and Message Board	MG 2.2.2: Create opportunities for students to conduct peer to peer education on SWMP	2022 - Current	Office of Sustainability/AmeriCorps
Public Participation	Library Display and Message Board	MG 2.2.3: Educational Display of Coulee on-point source pollution	2014 - Current	Office of Sustainability
Public Participation	Post Parade Cleanup	MG 2.3.1: Organize post parade clean up events	2019 - Current	Office of Sustainability/AmeriCorps
Public Participation	Education to Maintenance Workers	MG 2.4.1: Annual Training on SWMP	2008 - Current	Office of Sustainability/ SWMP Team
Public Participation	Engage with environmental community partners	MG 2.5.1: Participate in annual Bayou Vermilion Preservation Association Events	2021 - Current	Office of Sustainability
Public Participation	Engage with environmental community partners	MG 2.5.2: Participate in local organizations dedicated to improving waterways	2014 - Current	Office of Sustainability
Public Participation	Conduct University Stakeholder Meetings	MG 2.6.1: Meet with University stakeholders twice per year	2019 - Current	Office of Sustainability

BMPs measured within MCM 2:

1. BMP 2.1: University Trash Bash

- The University will conduct a university wide Trash Bash called the The Big Event(“TBE”), where students, faculty, staff, and alumni can come together to make a positive impact in our community. TBE is an organized campus day of service which includes a city wide clean up event called Cajun Cleanup that engages volunteers in service-learning activities. The goal of the cleanup is to remove trash and debris before it can enter the storm sewer system and nearby waterways and educate participants about the cause of water pollution to change mindsets and behaviors. Goals will be met through the following activities:
 - The Big Event is held annually in March, where students, faculty, staff, and alumni can come together to make a positive impact in our community. Through a variety of service projects and Cajun Cleanup which sends volunteers to clean up 50 zones across the city, students gain a sense of citizenship and social responsibility. The Big Event was founded in 2013 and since then TBE had 16,012

volunteers and 28,280 gallons of litter removed from campus and from sites all across Lafayette. Staff from the Office of Sustainability and Community Engagement are partners of TBE and will continue to help coordinate the 50 Cajun Cleanup sites with community partners each year.

2. BMP 2.2: Library Display and Message Board

- As a joint effort with LCG, Environmental Quality Division, and Bayou Vermilion District (“BVD”), a public informational display will be created and installed on the University’s campus. The goal of the Educational Displays and Message Boards is to educate library visitors and campus users by providing opportunities to get involved in service-learning events, showcase best practices, and provide various ways to report concerns. This display will include information that promotes best storm water management practices. Goals will be met through the following activities:
 - The University updates the central display case in the University's Dupré Library with upcoming service events, impact statistics from the previous Krewe de Coulee cleanups, the legend of the Coulee Monster, ways to learn more about local watersheds, ways to report concerns, Keep UL Lafayette Beautiful, Only Rain Down the Drain messaging, Pick up the Poop messaging, a Poster of BA-34-2 about the first swamp restoration project funded by the Coastal Wetlands Planning, Protection and Restoration Act (“CWPPRA”), and more.
 - The University library has been a great partner with promoting this messaging and has recently partnered with Keep Louisiana Beautiful (“KLB”) for the Get Down & Clean Up program so library visitors can check out a clean-up kit, which includes a safety vest, grabbers, a trash bag, and instructions on how volunteers can conduct their own cleanups.

3. BMP 2.3: Post Parade Cleanup Projects

- The University will organize post parade clean ups events after UL Lafayette’s Annual Homecoming Parade and Mardi Gras. The goal of the post parade clean ups is to reduce the number of beads and

debris from entering the nearby that could infiltrate coulees, the and the adjacent waterways. Goals will be met through the following activities:

- There will be two Krewe de Coulee cleanups annually where volunteers from our campus and the community can team up to clean up along the community's roadways after Mardi Gras Parades and UL Lafayette Homecoming Parades. Discarded trash, litter, and beads from parades affect the beauty of our campus and community and are left behind ending up in our stormwater systems and waterways after heavy rains. Krewe de Coulee started in 2022, after we noticed parade litter not left on the roadways would remain on our property and on private property along the parade route until a rain event washed it down nearby drains and coulees. In 2023, Keep UL Lafayette Beautiful decided to organize the Krewe de Coulee Homecoming and Mardi Gras Cleanups within 2 days after parades ended to collect beads and parade debris before they could enter the storm drain system. Krewe de Coulee Cleanups will continue as annual University events that are open to both the local community and campus community.
- Litter was not the only thing collected during Krewe de Coulee events; data was also collected with a Litter Survey. The Litter Free Louisiana Survey app was utilized to record data during campus clean-up events. Pre and post Mardi Gras litter surveys were completed to measure the accumulation of litter following parades that passed through campus. In 2021, UL Lafayette, with Keep Louisiana Beautiful as a sub-recipient, secured a \$500,000 five-year EPA Gulf of Mexico Trash-Free Waters Grant to create and launch the Litter Free Louisiana Survey app to gather litter data from across the state and to create KLB University program which currently has 12 University Affiliates from Louisiana to share knowledge over the growing interest in sustainability, waste reduction, and litter prevention at the university level. The Litter Free Louisiana app will continue to be used to gather data at University cleanup events.

- In addition, to the Krewe de Coulee clean ups the University has become proactive at annual parade events by partnering with community partners. In 2023, University partnered with Keep Lafayette Beautiful and LARC, a non-profit providing developmental disabilities services, to place bead collection bins along the parade route. Beads during and after parades during the clean ups are measured and sent back to LARC to be cleaned, repaired, and reused. This initiative keeps beads off the streets and out of storm drains while keeping beads in circulation and providing jobs for people with developmental disabilities in Lafayette.
- The University also partnered with Lafayette Consolidated Government, Parish Proud, and the Lemoine Company to place 16 Rock Wattles along Lafayette's Mardi Gras Parade Route on UL Lafayette's campus to prevent litter and beads from entering and polluting the stormwater drain system, coulees, and the Bayou Vermilion. The possibility of continuing this initiative is currently being explored for future years.
- The University is passionate about celebrating responsibly and has created/enlisted the help of a local waterway advocate known as the Coulee Monster to bring awareness to how litter from parades impacts on local waterways and systems. Like its legendary cousin the Rougarou, the Swamp Monster of Louisiana, the Coulee Monster has also been known to occasionally pull the toes of anyone who dares to litter the watershed under its protection. The Coulee Monster campaign has been wildly successful and has brought more attention to post parade litter and the impact on local waterways. The Office of Sustainability and Community Engagement will continue to promote Krewe de Coulee with the help of the Coulee Monster.

4. BMP 2.4: Education of the SWMP and Best Practices to UL Lafayette Maintenance Workers

- The goal of the educating internal stakeholders and employees on best management practices is to ensure that the University is operating responsibly and ensure that everyone knows their role to play with managing our storm sewer system and following our SWMP. This will be achieved by hosting annual internal training videos and presentation followed by a meeting with the Stormwater Management Team. Goals will be met through the following activities:
 - Staff from LCG will come to the University to provide training for the UL Lafayette SWMP Team. This will educate University employees on the concept of clean storm water, best practices, proper procedures for capturing leaves and vegetative debris before it enters the MS4, etc.
 - Following the training, university employees will take a survey quiz on topics included in the training to gauge understanding. The group will discuss questions that are not answered correctly in further detail to ensure full understanding.

5. BMP 2.5: Active Engagement with Community Partners Dedicated to Environmental Quality and Non-Point Source Pollution

- The goal of engaging and learning from community partners is to share knowledge between the University and community. This allows fresh ideas and practices to be integrated into university operations from learning from local and statewide organizations and professionals engaged with Louisiana’s interconnected waterways. This will be achieved with university representees attending events across the state engaged with litter prevention and watersheds. Coordinating and sharing knowledge with external stakeholders ensures that all stakeholders stay updated on best practices as we work together to improve vital watersheds across the state. The University will continue to stay involved in organizations dedicated to improving waterways and reducing non-point source pollution. Goals will be met through the following activities:
 - The University will table and provide representation at the Bayou Vermillion Preservation Association’s (“BVPA”) annual River Symposium and State of the River events. The University

was also invited to participate in the Vermillion River Alliance (“VRA”) meetings, an organization formed within the BVPA. The VRA meets quarterly to share information about water quality initiatives, special projects, and other matters as they relate to preserving the quality of the Bayou Vermillion in multiple Acadiana Parishes. Meetings have representation from the university, government employees, parish presidents, mayors, police juries, LDEQ, Soil and Water Conservation Districts and other stakeholders to increase efficient use of resources and share knowledge needed to achieve progress in each Parish.

- The University was invited to serve on the BVPA’s Board, and the responsible staff member for the University’s SWMP currently holds 1 permanent seat on the BVPA Board in order to stay plugged into community efforts to protect the Bayou Vermilion Watershed.
- The University will also provide representation on litter abatement and environmental boards and committees in the community and on campus. The University will continue to stay involved with the Keep Louisiana Beautiful Board, Keep Lafayette Beautiful Board, Keep UL Lafayette Beautiful Committee, The Big Event Committee, UL Lafayette’s Bee Campus USA committee, UL Lafayette’s Tree Campus USA committee, Louisiana Wildlife Federation Education Committee, Bayou Vermilion Preservation Association’s Education and Community Engagement Committee, and the University will continue to work closely with Parish Proud.

6. BMP 2.6: Conduct Stakeholder Meetings

- A working group of key University stakeholders make up the UL Lafayette SWMP team and will meet and communicate regularly to discuss successes, challenges, track objectives and goals, ensure responsibilities are known, and plan for future projects as they relate to the components of the SWMP and the overall health of the MS4. Goals will be met through the following activities:

- The UL Lafayette SWMP team will meet biannually, once per semester to discuss the goals and progress of fulfilling the SWMP and communicate over email throughout the year as tasks are coordinated.

3) MCM 3: Illicit Discharge Detection and Elimination

UL Lafayette is responsible for fulfilling MCM 3 on university owned property.

The Primary goal of MCM 3: Illicit Discharge Detection and Elimination is to identify and eliminate any non-stormwater discharges entering the storm sewer system, to reduce pollution in waterways by preventing unauthorized sources from contributing to stormwater runoff and impacting water quality of nearby waterways. A vital component of this goal is to be proactive in enforcing best management practices and detecting potential pollutants before it enters the storm sewer system with inspections and a reporting system.

Figure 6: MCM 3: Illicit Discharge Detection and Elimination BMPs and MGs.

MCM 3: Illicit Discharge Detection and Elimination				
Minimum Control Measure(s)	BMP(s)	Measurable Goal (steps to measure progress)	Implementation Schedule	Responsible Party
Illicit Discharge	SWMP Map	MG: 3.1.1 Overlay MS4 in University CAD program	2003 - Current	Office of Facility Management
Illicit Discharge	MS4 Site Inspections	MG 3.2.1: Documented MS4 site inspections	2012 - Current	Office of Sustainability
Illicit Discharge	Repair MS4 components	MG 3.3.1: Maintain MS4 and Sewer System	2003 - Current	Office of Facility Management
Illicit Discharge	Discharge Complaints	MG 3.4.1: Respond and investigate illicit discharge complaints	2003 - Current	Office of Sustainability

BMPs measured within MCM 3:

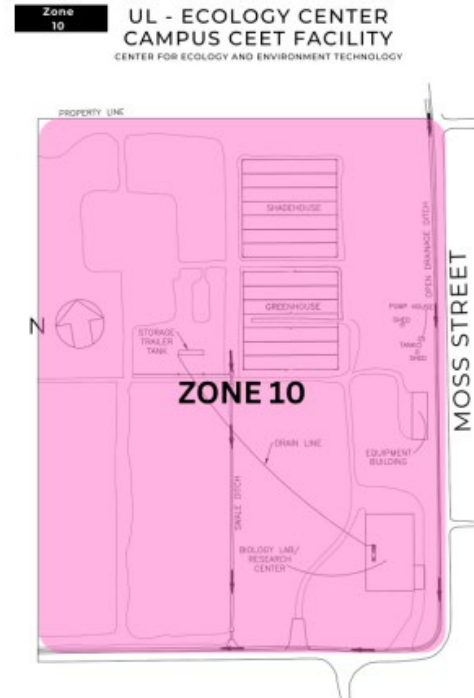
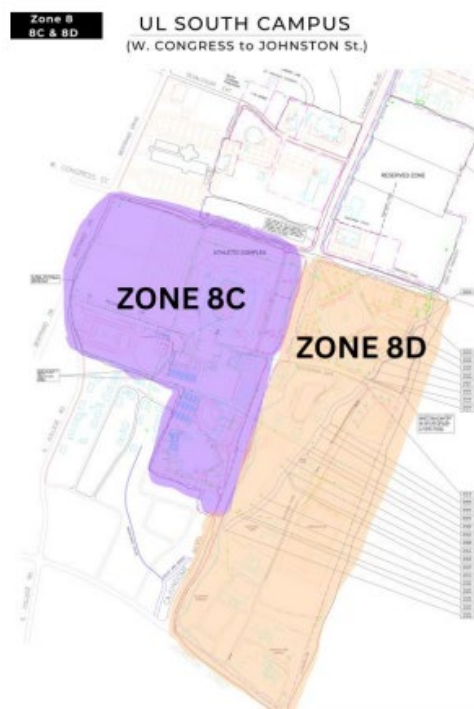
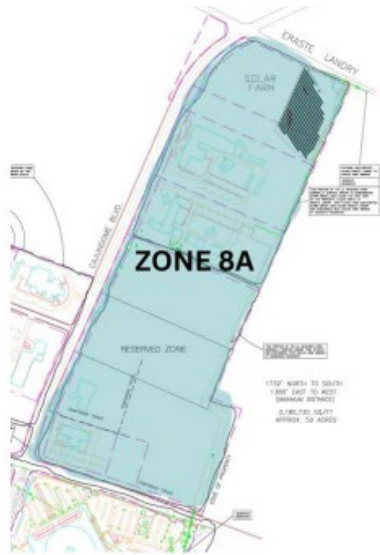
1. BMP 3.1: Create a University Storm Water Management Plan Map
 - The goal of the regularly updating MS4 Maps is to accurately keep log of current drainage systems on our campus so we can conduct inspections of the entire property to ensure housekeeping standards are followed and preform preventative maintenance throughout each year. The University will identify its MS4 infrastructure including discharge points and transpose this information as a separate layer for its CAD-based drawings. Exact

discharge tributaries and waterways will be identified in the University’s SWMP map. This map will be updated regularly and maintained within the Facility Management department for use in association with all campus construction projects, maintenance programs, etc. Goals will be met through the following activities:

- This goal will be achieved by checking the CAD Drainage Maps for accuracy each year during the annual inspection and by updating the map as additions are added to the campus. After the inspection of all 10 campus zones, any missing infrastructure on the CAD maps will be marked and sent to facilities to update within that year. See **Figure 7**.

Figure 7: Main Campus Drainage Map that gets updated annually.





- 2. BMP 3.2: Conduct Regular Storm Water Drainage MS4 Inspections
 - o The goal of the regular MS4 Inspections is to discover housekeeping issues, any evidence of illicit discharge, infrastructure changes, and identify concerns to schedule corrective actions or coordinate solutions to be proactive in preventing illicit discharges before they occur. Goals will be met through the following activities:

- The University will physically inspect the campus MS4 including storm water inlets, outfalls, discharge points, and adjoining open channel drainage structures and waterways. The University MS4 maps are broken down into 10 campus block sized zones and the annual inspection will be completed for all zones using the inspection checklist. See **Figure 7**.
 - The Annual Inspection is the most detailed inspection of the University’s MS4 that seeks to identify pollutants, drainage concerns, best practices and housekeeping violations, infrastructure changes, and more. The inspections will use the will be documented on the CAD Drainage Maps and with the annual inspection checklist to identify any concerns. Problems found in the inspection will be addressed through follow-up responses and corrective action from Facilities.
3. BMP 3.3: Maintain Sanitary Sewer System and Drainage Components
- The University recognizes that a closed sanitary sewer system is necessary to prevent storm water and ground water intrusion thereby placing an unnecessary toll on the Lafayette sanitary sewer facilities. The University shall maintain its sanitary sewer system and its MS4 and repair failing components will be repaired promptly and properly. Goals will be met through the following activities:
 - The University will continuously monitor and maintain the storm sewer system to ensure it works efficiently and keep potential pollutants away from the system. This will be achieved by staff fulfilling their roles in providing continuous preventive maintenance and knowing how to identify possible pollutants and infrastructure concerns within the scope of their day-to-day duties while on site.
 - When concerns arise regarding components of the sanitary sewer, the MS4, or other systems that are owned and/or operated by LCG or Lafayette Utilities System (“LUS”), the University will coordinate as need to determine corrective action within ten business days of identifying the issue. The University will document all repairs to its MS4.

4. BMP 3.4: Respond to Student, Employee, Public, or LCG Complaint
- The goal of the Reporting and Investigating MS4 Concerns is to ensure potential impairments are quickly identified before they become a problem. This will be achieved by providing multiple avenues for campus and community users to report concerns and by providing a reporting system, prompt investigation, response, and corrective action to address identified concerns. Goals will be met through the following activities:
 - The University will maintain and offer its campus community and the public opportunities to report concerns regarding illicit discharge or any issue related to the campus MS4. Concerns regarding MS4 issues can be reported as follows:
 - Online: <https://safety.louisiana.edu/report-issue/illegal-dumping> and <https://sustainability.louisiana.edu/operations/water-use-and-watershed/storm-water-management-planswmp-and-ms4>
 - Telephone: 337-482-6447 and 337-482-0054
 - Email: safety@louisiana.edu and blair.begnaud1@louisiana.edu
 - In person: University Police, Randolph Hall, 111 Hebrard Blvd., Facility Management, Parker Hall, 310 E. Lewis St., Office of Sustainability, 1606 Johnston St.
 - Any complaints or concerns brought forth to the University shall be documented. Those reports will be made available in the annual report, subject to the limits of the public records laws.
 - Criminal activity will be investigated by University Police and coordinated with the Lafayette Police Department. Non-criminal matters will be directed to the University Risk Manager and Facility Management and the Office of Sustainability and Community Engagement. Appropriate personnel will respond to those complaints and take

necessary corrective action and keep documentation pertaining to the complaint, investigation, and next steps.

4) MCM 4: Construction Site Runoff Control

UL Lafayette is responsible for fulfilling MCM 4 on university owned property.

The primary goal of MCM 4: Construction Site Runoff Control is to reduce and eliminate stormwater runoff from construction sites by enforcing laws and university standards at all points during the construction process. The MCM also seeks to use the design and construction process to incorporate green infrastructure and low impact development practices into landscapes while work is already underway on university property.

Figure 8: MCM 4: Construction Site Runoff Control BMPs and MGs.

MCM 4: Construction Site Runoff Control				
Minimum Control Measure(s)	BMP(s)	Measurable Goal (steps to measure progress)	Implementation Schedule	Responsible Party
Construction Site Runoff	Maintain Standards	MG 4.1.1: Contractors required to adhere to MS4 standards	2003 - Current	Office of Facility Management
Construction Site Runoff	Site Inspections	MG 4.2.1: Ensure Contractors are following standards	2003 - Current	Office of Facility Management

BMPs measured within MCM 4:

1. BMP 4.1: Construction Standards and Specifications

- The goal of following State and Federal Laws is to ensure we are operating responsibly and at the highest standard for human and environmental safety while following all federal and state laws. This will be achieved by ensuring all users on campus whether full-time, part-time, student or contractors are aware of all laws, regulations, and standards. Goals will be met through the following activities:
- The University will continue to require all construction projects to prepare for and manage the campus job sites by utilizing runoff control best practices. The university will require and review the required contractor's site-specific permits and Stormwater Pollution Prevention Plan (SWPPP) documents

and ask that storm water management issues be included as a regular agenda item for construction meetings.

- University Facility Management administers all University construction work, including contracted work. For any contracted work, the construction standards and specification documents will include language that requires awarded bidders to follow accepted site runoff control practices. For applicable smaller jobs performed by university employees, those same practices will be incorporated under the supervision of Facility Management managers.
- The University will review and elaborate on the section of its standard design and construction specifications as it pertains to storm water management on a site-by-site basis. The University will include more specifics aligning with the LPDES best practices in an effort to hold awarded designers and contractors more accountable for their work. University Construction Standards for NIRC construction site includes:
 - "WATER RUN OFF PROTECTION - Contractor shall protect the entire construction site from erosion due to storm water runoff. A geofabric barrier shall be constructed around the entire construction site perimeter to prevent erosion from infiltrating the storm water drainage system."

2. BMP 4.2: Conduct Regular Inspections of Construction Site Runoff Prevention Measures

- The goal of regular site visits and inspections during construction is to ensure that contractors and employees are following all laws, regulations, and university standards to prevent runoff from construction operations. This will be achieved with site visits to ensure all practices are in place during construction followed by an immediate request for corrective action as needed. Goals will be met through the following activities:

- The University will conduct regular physical inspections of all construction site(s) to ensure that runoff control measures are taken and adequate. Geofabric barriers, silt fences, hay bale and other storm drain filters, and other devices as appropriate will be inspected during site visits. Deficiencies will be addressed with the contractor for prompt corrective action.
- As part of its MS4 construction site inspection standard procedures, the University will request SWPPP logs and other documents from the contractors for review. The University will ensure best practices, and the use of protective barriers are included in the plan and if site visits find deficiencies the SWPPP will be revisited at the next meeting and issues will be documented within the meeting minutes. Relevant information regarding ongoing construction projects will be discussed at regular University SWMP team's stakeholder meetings.

5) MCM 5: Post- Construction Runoff Control

UL Lafayette is responsible for fulfilling MCM 5 on university owned property.

The Primary goal of MCM 5: Post- Construction Runoff Control by monitoring and enforcing practices that minimizes stormwater pollution from new development and renovation projects by managing runoff on-site using post-construction best management practices, ensuring contracts are in place, and creating short and long-term management plans, effectively reducing the amount of polluted stormwater discharged into receiving waters.

Figure 9: MCM 5: Post- Construction Runoff Control BMPs and MGs.

MCM 5: Post- Construction Runoff Control				
Minimum Control Measure(s)	BMP(s)	Measurable Goal (steps to measure progress)	Implementation Schedule	Responsible Party
Post Construction Runoff	Maintain Standards	MG 5.1.1: Perform site visits	2016 - Current	Office of Facility Management
Post Construction Runoff	Maintain Standards	MG 5.1.2: Review University Design Codes for Enhanced Green Infrastructure	2021 - Current	Office of Sustainability
Post Construction Runoff	Maintain Standards	MG 5.1.3: Develop forms for site visits	2021 - Current	Office of Sustainability
Post Construction Runoff	Maintain Standards	MG 5.1.4: Develop SOP for Grounds Maintenance	2021 - Current	Office of Sustainability
Post Construction Runoff	Best Practices for Campus Infrastructure	MG 5.2.1: Return BeauSolei Cistern to operation	2019 - Current	Office of Sustainability / Office of Facility Management
Post Construction Runoff	Best Practices for Campus Infrastructure	MG 5.2.2: Install additional rain barrel or cistern	2019 - Current	Office of Sustainability
Post Construction Runoff	Best Practices for Campus Infrastructure	MG 5.2.3: Increase native grass planting near coulee mine	2019 - Current	Office of Sustainability
Post Construction Runoff	Best Practices for Campus Infrastructure	MG 5.2.4: Increase urban forest canopy	2019 - Current	Office of Sustainability
Post Construction Runoff	Best Practices for Campus Infrastructure	MG 5.2.5: Install new Rain Garden or Bioswale	2019 - Current	Office of Sustainability

BMPs measured within MCM 5:

1. BMP 5.1: Maintain Industry Accepted Practices for Post-Construction Site Management
 - The goal of the Post Construction Building and Site Management BMP is to ensure best practices are already in place before a newly constructed building or a renovated building starts operations. This will be achieved by requiring proof of contract and checking that required procedures are in place with a preoccupancy inspection. Goals will be met through the following activities:
 - The University will require contractors that disturb any University property to employ University industry accepted practices (i.e., hydro-seed, and the University's Landscaping Standards, Integrated Pest Management (“IPM”) plan, Pollinator Habitat Standards, Green Infrastructure Standards, Tree Care Plan Standards, etc.) as a condition of the project. The University will continue to develop and refine University

landscaping standard operating procedures listed above for maintenance of grounds that follow best management practices and ensure all new construction projects are added to the scope of duties for grounds management. A landscaping care plan shall be developed for each new landscaping project.

- The University will perform site visits with contractors at the start of the project and after the required practices are finished. The preoccupancy inspection will identify potential issues or defects before people start using the building, allowing for necessary repairs or adjustments to be made. University shall continue to develop standard operating procedures, inspection forms, and closeout forms for site visits.

- The University will continue to review building, design, landscaping, and construction standards to integrate green infrastructure strategies into university operations. Construction projects with a landscaping scope shall be evaluated if they can be enhanced with green infrastructure practices, such as pervious parking areas, prairie grass plantings, stormwater catchments, bioswales, and rain gardens.

- The University will ensure that adequate custodial services and updated waste hauler contracts are in place before any new or renovated campus building starts operating.

2. BMP 5.2: Use of Best Practices for the Maintenance and Development of Campus Infrastructure

- The goal of using best practices for the maintenance and development of campus infrastructure is to develop the best short and long-term care & maintenance plan for all green infrastructure projects. This will be achieved by coordination and review of the care & maintenance plan by engineers, facilities, and sustainability staff. The University will also use any green infrastructure projects as living laboratory spaces where students can participate and learn from

campus landscapes with service learning activities and through campus sustainability tours. Goals will be met through the following activities:

- Continue to follow the University's Green Infrastructure Master Plan created during the EPA's Rainworks Challenge. Continue to ensure strategies for green infrastructure align with the University's Master Plan and Sustainability Strategic Plan and seek additional grant funding to accelerate project timelines. The plan's proposed green infrastructure design strategies include increasing the University's urban forest tree canopy, coulee prairie plantings, using buffer strips, increasing our rainwater harvesting and retention projects near areas that flood on campus during heavy rainfall events. The University has seen success by incorporating these strategies into campus landscapes during the past 5 years and will continue to advance these efforts during the next 5-year SWMP. All projects will be designed and built to accommodate the first inch of rainfall to prevent the storm water from flooding onto adjacent streets, buildings, and sidewalks on campus which it's one of the University's concerns pretraining to stormwater management within our urban campus.
- Continue to expand and/or enhance campus pollinator habitats that also double as rain gardens and bioswales. Increase existing prairie grass planting area around Coulee Mine annually when plants are available and maintain the existing planting area. Maintain all green infrastructure projects throughout the year with the help of UL AmeriCorps, students volunteers, and service events. Use campus Pollinator Habitats as a tool to teach campus users about native plantings and green infrastructure during campus sustainability tours. Continue to develop and publish the Cypress Lake Master Plan.
- Utilize rain barrels and cisterns in spaces that make the most sense and use rainwater catchment devices as a tool to teach

campus users about green infrastructure during campus sustainability tours.

- Increase the University's urban forest canopy by planting trees each year and use trees tool to teach campus users about how trees function as that help manage stormwater, reduce soil erosion, reduce pollution, and preserve habitats, and their role in reducing the urban heat island effect during campus sustainability tours. Continue tree plotter documentation efforts to identify all campus trees and identify where trees need to be replaced or planted. Continue to develop and publish pocket park and arboretum plans.
- Campus Planning Committee discussions and construction projects provide an opportunity to incorporate green infrastructure into campus. New projects shall evaluate green infrastructure feasibility to determine if green infrastructure interventions could be beneficial in areas of campus that see slower drainage in heavy rain events.

6) MCM 6: Pollution Prevention and Good Housekeeping

UL Lafayette is responsible for fulfilling MCM 6 on university owned property.

The primary goal of MCM 6: Pollution Prevention and Good Housekeeping is to reduce the amount and type of pollution generated from university operations by ensuring laws and university standards are being followed, educating employees, and by staying on top of best management practices pertaining to preventative maintenance and housekeeping inspections.

Figure 10: MCM 6: Pollution Prevention and Good Housekeeping BMPs and MGs.

MCM 6: Pollution Prevention and Good Housekeeping				
Minimum Control Measure(s)	BMP(s)	Measurable Goal (steps to measure progress)	Implementation Schedule (include start dates)	Responsible Party
Pollution Prevention	HAZMAT Disposal	MG: 6.1.1 Proper HAZMAT Disposal Training and Processing	2012 - Current	Office of Facility Management/ Environmental Health & Safety
Pollution Prevention	Recycle Used Motor Oil	MG 6.2.1: Recycle Used Motor Oil	2003 - Current	Office of Transportation
Pollution Prevention	MS4 Catch Basin Maintenance	MG 6.3.1: Preventative Maintenance	2003 - Current	Office of Facility Management
Pollution Prevention	MS4 Catch Basin Maintenance	MG 6.3.2: Discuss Preventative Maintenance at each stakeholder meeting.	2003 - Current	Office of Sustainability / Office of Facility Management
Pollution Prevention	Parking Lot and Garage Maintenance	MG 6.4.1: Parking Lot and Garage Cleanings	2019 - Current	Office of Sustainability / Office of Facility Management

BMPs measured within MCM 6:

1. BMP 6.1: HAZMAT Disposal and Spill Control Procedures
 - The goal of having a robust Hazmat Disposal System and Spill Prevention Plan is to ensure all employees are following University and federal standards when working with chemicals on campus for their own safety and for the health of the environment. This will be achieved by the enforcement and required training for necessary employees to be knowledgeable about how to work with hazardous substances, spill response preparedness, and how to properly dispose hazardous waste materials. Goals will be met through the following activities:
 - The University is a Small Quantity Generator of hazardous waste. The University allocates resources each year to provide contracted disposal of its hazardous waste. The University will maintain all documentation associated with hazardous waste

and follow the Resource Conservation Recovery Act (“RCRA”) procedures with respect to disposal methods, training, etc.

- All University Employees on the UL Lafayette campus who handle or work with hazardous chemicals are required to take training in Hazardous Communication (HAZCOM) & Resource, Conservation & Recovery Act (RCRA) every 3 years.
- The University is prepared for specific emergencies that may occur within the campus. University Police and administrators receive specialized training on emergency preparedness which includes training on the University's Hazardous Materials Spill Prevention Control and Countermeasure Plan.

2. BMP 6.2: Recycle Used Motor Oil

- The goal of recycling motor oil is to responsibly reuse valuable resources and prevent environmental contamination from harmful chemicals from impacting water quality, soil quality, and wildlife. Recycling motor oil conserves natural resources and reduces the need to extract new crude oil. Goals will be met through the following activities:
 - All used motor oils generated by the University’s transportation operations will be recycled using a licensed recycler. The University will maintain all documentation associated with this oil recycling.
 - The University’s SWMP team will review the University’s used oil recycling quantities and when possible, attempt to reduce the quantity of those sources.

3. BMP 6.3: Regular Cleaning and Maintenance of Storm Water Catch Basins

- The goal of regular cleaning and maintenance is to minimize potential pollutants from entering the storm sewer system to protect the health of campus users and the environment. This will be achieved with continuous management of grounds to remove litter and debris and with quarterly inspections to ensure the storm sewer system is

operating as intended and to check for any violations. Goals will be met through the following activities:

- University maintenance personnel will oversee regular preventive maintenance of storm water catch basins on a quarterly basis. Employees will inspect and, when necessary, clean storm water catch basins. Maintenance personnel will also watch for potential pollutants and concerns during the scope of their day-to-day duties. Staff will report concerns and provide maintenance as needed.
- After storms with excessive rainfall and/or heavy winds Facility Management shall inspect drains during the campus wide inspection and document / perform maintenance if required.

4. BMP 6.4: University Parking Lot and Garage Cleanings

- The goal of keeping parking lots, parking garages, and nearby streets clean is to address the primary area of concern on campus where litter has been a reoccurring problem. Goals will be met through the following activities:

- The University will regularly clean its campus parking lots, garages, and nearby streets to reduce litter from entering the MS4. The University runs a staffed litter crew that continuously monitors and picks up litter throughout the campus. At least one staff member shall remain solely responsible for campus parking garages to ensure litter is minimized and promptly cleaned.
- The University will regularly clean its campus parking lots, garages, and nearby streets to reduce organic debris from entering the MS4. University landscapers shall abide by LCG's Stormwater Ordinance and shall not blow leaf and grass organic debris into storm drains. Many storm drains throughout the campus include screens on their inlets to catch leaves and litter before it is introduced into the MS4.

- All campus parking garages and surface lots have trashcans strategically placed within a clear line of sight for users that are regularly emptied by contracted employees.
- UL Lafayette AmeriCorps students regularly visit parking garages on campus to conduct litter surveys using the Free Louisiana Survey app to collect data. Litter surveys are taken throughout the rest of campus the data is compared to determine what operational changes need to be made to keep UL Lafayette beautiful and litter free.