

PARISH OF ASCENSION

DEPARTMENT OF PUBLIC UTILITIES



Kenny Matassa
Parish President

MAIN FILE

2019 MAR 11 PM 2:57

March 10, 2019

Louisiana Department of Environmental Quality
Office of Environmental Services
Water Permits Division
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

Attn: Ms. Kimberly Corts, Manager of General and Municipal Permits

original to JOW
DF copy to MFG / Rebel

Ref: Submittal of 2018 Annual Report
Parish of Ascension
LPDES Permit No. LAR041034; AI # 115006

Dear Ms. Corts:

The Parish of Ascension is pleased to submit two copies (one original and one copy) of our 2018 Annual Report under the reissued Louisiana Pollutant Discharge Elimination System (LPDES) small Municipal Separate Storm Sewer System (sMS4) General Permit. Ascension Parish was previously assigned an LPDES sMS4 General Permit number of LAR041034 and an Agency Interest No. 115006. The 2018 Annual Report references a Water Quality Environmental Report financed by the EPA Lake Pontchartrain Basin Program (excerpts are included as Attachment B of the Annual Report). The Water Quality Environmental Report is extremely voluminous as it documents over five years of monitoring conducted at twenty monitoring stations throughout Ascension Parish. We have included an electronic copy of the full report on a flash drive for your review.

Ascension Parish recognizes the challenges of compliance with the reissued LPDES sMS4 General Permit and continues to make efforts to improve our program. Our efforts include adding dedicated personnel responsible for LPDES sMS4 General Permit compliance. These efforts also include, but are not limited to:

- Working with our Planning & Development Office to improve our construction stormwater inspection program documentation;
- Using the data collected and mapping information in the above-referenced Water Quality Environmental Report to guide our strategies on illicit discharge detection and future monitoring efforts;

Lamar Dixon Expo Center
Building "G" 2nd Floor
9039 St. Landry Rd, Gonzales, LA. 70737
Phone: (225) 450-1071
Web: www.ascensionparish.net



- Coordinating with our GIS Division to improve our MS4 mapping, and developing inspection protocols for our municipal operations; and
- Establishing more quantifiable measurable goals for the SWMP.

Ascension Parish is in the process of revising our Storm Water Management Program (SWMP) plan submitted in January 2019 to address these improvements. We are also preparing responses to previously received letters from LDEQ regarding past submittals. We appreciate your patience as we work to make improvements to our LPDES sMS4 General Permit program while responding to these reporting tasks.

I look forward to working with you in the upcoming year. If you have any questions or require additional information regarding this submittal, please feel free to contact our Stormwater Compliance Engineer, Malcolm "Mac" Sayes at msayes@apgov.us . It should be noted that Mr. Sayes is hereby designated a duly authorized representative for reporting under the LPDES sMS4 General Permit.

Very truly yours,



Kenny Matassa
Parish President

Copies: Mr. Alex Sheffield, CK Associates

Attachment

2018 Annual Report for the LPDES General Permit for
Discharges from Regulated Small Municipal Separate
Storm Sewer Systems (MS4s)

2018 Annual Report for the Louisiana Pollutant Discharge Elimination System (LPDES) General Permit for Discharges from Regulated Small Municipal Separate Storm Sewer Systems (MS4s)



**LDEQ Agency Interest Number 115006
LPDES Permit No. LAR041034**

MARCH 2019

Prepared for:

**Kenny Matassa, Parish President
Parish of Ascension
615 East Worthey Road
Gonzales, Louisiana 70737**

Prepared by:

**Malcolm "Mac" Sayes, P.E., Stormwater Compliance Engineer
Parish of Ascension
Lamar Dixon Expo Center, Building G, 2nd Floor
9039 St. Landry Road
Gonzales, Louisiana 70737
Phone: (225) 450-1319**

TABLE OF CONTENTS

Certification	- 3 -
Executive Summary	- 4 -
Introduction	- 5 -
Background	- 6 -
Activities Associated with Minimum Control Measures	- 9 -
Conclusions/Proposed MS4 Activities for 2019	- 15 -

LIST OF FIGURES

Figure 1	Permitted Area
Figure 2	Waterbodies within the Urbanized Area
Figure 3	Water Quality Monitoring Stations

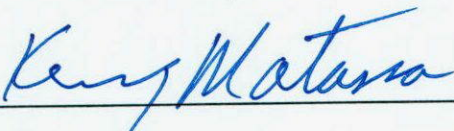
LIST OF ATTACHMENTS

Attachment A	MS4 Organizational Chart
Attachment B	Excerpts from "Water Quality Environmental Report"
Attachment C	Household Hazardous Material Day Program
Attachment D	Recycling Program
Attachment E	Christmas Tree Drop-Off Program
Attachment F	Sample Brochures/Educational Materials
Attachment G	Inmate Litter Pickup Documentation
Attachment H	Example "Yourgov" Documentation
Attachment I	Small MS4 Annual Report Form

Certification

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

Organization: **Ascension Parish Government**

Signature: 

Name: **Kenny Matassa**

Title: **Parish President**

Date: 3-11-19

Telephone: **(225) 450-1012**

Contact Information

Name: **Malcolm "Mac" Sayes, P.E.**

Title: **Stormwater Compliance Engineer, Ascension Parish Department of Public Works**

Phone: **(225) 450-1319**

Email: msayes@apgov.us

Address: **Lamar Dixon Expo Center, Building G, 9039 St. Landry Road, Gonzales, Louisiana 70737**

Executive Summary

The Ascension Parish Department of Public Works, as the steward of Ascension Parish's Municipal Separate Storm Sewer System (MS4), has proactively managed the MS4 to minimize adverse impacts to local and state receiving streams. The Ascension Parish storm water management program addresses discharges from construction sites, drainage systems, and other facilities that are mandated by the Louisiana Pollutant Discharge Elimination System (LPDES) General Permit for Small MS4s (Small MS4 General Permit).

The Small MS4 General Permit requires the permittee to develop and implement a storm water management program that is documented in a Storm Water Management Program (SWMP) Plan. The program must include six minimum control measures:

- Public Education and Outreach on Storm Water Impacts
- Public Involvement/Participation
- Illicit Discharge Detection and Elimination
- Construction Site Storm Water Runoff Control
- Post-Construction Storm Water Management in Redevelopments and New Developments
- Pollution Prevention/Good Housekeeping for Municipal Operations

This Annual Report details the pollution prevention activities undertaken by the permittee in 2018 in support of the Small MS4 General Permit and to reduce pollutants in storm water discharges to our local and state receiving streams.

In 2018, Ascension Parish Government did not implement any changes to the selected measurable goals for the existing Small MS4 General Permit nor were there any changes to the SWMP Plan previously submitted. In 2018, Ascension Parish Government contracted consulting support to assist in making improvements to the MS4 program. As part of the reissued Small MS4 General Permit, Ascension Parish submitted an updated SWMP Plan in January 2019. Ascension Parish is in the process of improving our SWMP Plan and addressing deficiencies to our SWMP Plan and past reports identified in correspondence with LDEQ and EPA. These improvements will be documented in the 2019 Annual Report and the revised SWMP.

Introduction

This Annual Report, prepared in accordance with the Small MS4 General Permit (Part V, Section C), has been prepared by Ascension Parish Government's Department of Public Works personnel (See Attachment A). The purpose of this report is to communicate Ascension Parish's efforts to maintain and improve water quality inside the Ascension Parish urbanized area (UA). The Small MS4 General Permit requires the Annual Report provide:

- Status of compliance with permit terms and conditions;
- Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP;
- A summary of the storm water activities you plan to undertake during the next reporting cycle (including any implementation schedule);
- Any changes made during the reporting period to your Storm Water Management Program (SWMP) Plan, including control measures initiated in response to a new wasteload allocation;
- Notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable); and
- Any other information requested by the state administrative authority.

This Annual Report is organized to present a summary of activities conducted in 2018 relative to the six "Minimum Control Measures" ("MCM"):

- Public Education and Outreach on Storm Water Impacts
- Public Involvement/Participation
- Illicit Discharge Detection and Elimination
- Construction Site Storm Water Runoff Control
- Post-Construction Storm Water Management in Redevelopments and New Developments
- Pollution Prevention/Good Housekeeping for Municipal Operations

The activities completed in 2018 associated with the MCM are described in the following sections. The Annual Report then summarizes responses to the Small MS4 General Permit requirements for Annual Reports.

Ascension Parish is responsible, under the Small MS4 General Permit, for that portion of the parish located inside the UA that is not within the incorporated areas of Sorrento or Gonzales. The incorporated areas of Sorrento and Gonzales maintain separate coverage under LPDES permit numbers LAR040340 and LAR041035, respectively. Currently there is no "umbrella" group, Memorandum of Agreement (MOA), or entity that facilitates coordination between the separate permittees. **Figure 1** represents the area permitted under LAR041034.

Background

Storm Water Management Team Organization

The Parish President's Office is responsible for development, review, and direction of Storm Water Management Program activities. It is the responsibility of the Infrastructure Director to ensure that all pertinent Parish Departments within the MS4 are made aware of any required information, activities, or functions associated with permit compliance. Individual departmental responsibilities to achieve and sustain compliance for the MCMs are clearly defined for each BMP. The Storm Water Program Manager will facilitate discussions and/or meetings with the responsible Departments on an as-needed basis to ensure coordination and collaboration of program and departmental activities.

An organizational chart listing Departments with responsibility under the Storm Water Management Program is provided as **Attachment A**. Some activities which occur under the Program may be covered through the collective efforts of third party, nonprofit, watershed, or other community groups. Certain components and requirements of this program have been codified into Ascension Parish code of ordinance.

Waterbodies and Pollutants of Concern Inside the Urbanized Area

The UA of Ascension Parish contains portions of four LDEQ designated water quality basin subsegments defined at LAC 33:IX.1123. Table 3, as follows:

Table 1 – Named Waterbodies in Ascension Parish UA

Subsegment	Waterbody Description
Subsegment 040201	Bayou Manchac – Headwaters to the Amite River
Subsegment 040302	Amite River – Louisiana Highway 37 to the Amite River Diversion Canal
Subsegment 040403	Blind River – Source to Confluence with the Amite River Diversion Canal (Scenic)
Subsegment 040404	New River – Headwaters to New River Canal

Attached as **Figure 2** is a quadrangle map depicting the above watersheds that are located within the Ascension Parish UA. Although water quality subsegment 040303 is designated as scenic, this designation applies only to Blind River and not its tributaries or distributaries. As depicted on **Figure 2**, no portions of the Blind River main stem are located within the UA of Ascension Parish. The Parish has identified pathogens (fecal coliform), organic enrichment (nutrients), sedimentation, and low dissolved oxygen (DO) as the primary pollutants of concern within the waterbodies located in the UA. These pollutants are consistent with those identified by LDEQ as impaired on the §303(d) List. In accordance with the LDEQ 2006 §303(d) List of Impaired Waterbodies (the currently approved list) each of the above listed subsegments is listed as impaired as follows:

Table 2 – Impairments to Named Waterbodies in Ascension Parish UA

Subsegment	§303(d) Listed Impairments	Suspected Sources of Impairments
Subsegment 040201	Chloride	Natural Sources
	Dissolved Oxygen	On-Site Treatment Systems, Natural Sources
	Sulfates	Natural Sources
	Total Dissolved Solids	Natural Sources
Subsegment 040302	Fecal Coliform	On-Site Treatment Systems, Sanitary Sewer Overflows
	Dissolved Oxygen	Natural Sources
	Mercury	Atmospheric Deposition, Unknown Sources
Subsegment 040403	Dissolved Oxygen	Natural Sources
	Mercury	Atmospheric Deposition, Unknown Sources
	Non-Native Aquatic Plants	Introduction of Non-Native Organisms (Accidental or Intentional)
Subsegment 040404	Fecal Coliform	On-Site Treatment Systems
	Dissolved Oxygen	On-Site Treatment Systems
	Non-Native Aquatic Plants	Introduction of Non-Native Organisms (Accidental or Intentional)

Discharges from the Parish MS4 do enter these impaired waterbodies. Although storm water is not listed as a specific source of the impairments, storm water does likely contribute to the transport of the above listed pollutants during storm events.

LDEQ and the US Environmental Protection Agency (USEPA) Region 6 developed TMDLs for several subsegments of the Lake Pontchartrain Basin which including those referenced above. In 2011, LDEQ developed a TMDL for Bayou Manchac (Subsegment 040201) to address low dissolved oxygen and nutrients. The TMDL includes a wasteload allocation (WLA) for the Ascension Parish MS4. According to the TMDL, the loading attributed to the MS4 represents the non-point loading present within the stream under critical low-flow conditions. The WLA in the TMDL did not include storm water and is not intended to be converted into permit limits. The TMDL recognized that there are many permitted and unpermitted facilities discharging into the MS4; therefore, the TMDL stated, “the MS4 permittee must apply the appropriate BMPs to reduce the nonpoint source loading into the watershed as well as eliminate illicit dischargers.” Because the TMDL greatly reduced effluent limitations on the individual package sewerage treatment plants than previously required, compliance with these effluent limitations from package plants within the MS4 was thought to help ensure non-storm water discharges would be compliant with state water quality standards.

Additionally, the Parish is currently working toward reduction of oxygen demanding pollutants in the Bayou Manchac watershed through the regionalization of sewage treatment in the Parish. There are currently a very large number of individual package type treatment plants which

discharge to surface waters of the state within the Parish. These plants range from larger neighborhood collection and treatment systems to individual home septic systems and small aerated units at commercial businesses. Under the regionalization plan, the Parish intends to tie as many of these decentralized units into the Parish collection system for advanced treatment and final discharge to waters of the State. In doing this, the Parish expects the water quality in the Bayou Manchac watershed to be significantly improved. However, the Parish also recognizes that the East Baton Rouge Parish South Sewer Plant routinely experiences overflows (SSOs) during storm events which allows millions of gallons of untreated sewage mixed with storm water to be discharged to Bayou Manchac. Until the time that this significant upstream source is eliminated, the Bayou Manchac watershed will struggle to show demonstrated improvements in water quality.

Monitoring Efforts Within the MS4 Permitted Area

Ascension Parish implemented a water quality sampling program in 2013 to screen ambient waterbodies for potential pollutants and to aid in identification of pollutant sources. The program was funded by EPA under the Lake Pontchartrain Basin Foundation Program (EPA #BR-00F77001/UNO58556C). The August 2018 Water Quality Environmental Report (see **Attachment B** for excerpts) provides significant information on the waterbodies within the UA, including land use and permitted dischargers. The program included sampling at twenty-three water quality stations (see **Figure 3**) for over five years. Field monitoring parameters included dissolved oxygen, chlorophyll, blue-green algae, total dissolved solids, turbidity, temperature, and pH. Lab parameters included five-day biochemical oxygen demand (BOD₅), total phosphorus, total nitrogen (as the sum of nitrate, nitrite, and total Kjeldahl nitrogen), chloride, sulfate and fecal coliform.

The results of the program indicated that the Ascension Parish waterbodies have dissolved oxygen concentrations often below water quality standards and have fecal coliform counts above water quality standards. These results lead Ascension Parish to focus its MS4 efforts on sanitary wastewater discharges to parish waterbodies. The report documents that there are approximately 565 permitted point source discharges of treated sanitary wastewater in Ascension Parish. Ascension Parish will utilize the report to identify locations for illicit discharge detection efforts and to evaluate impacts of MS4 efforts on water quality.

Activities Associated with Minimum Control Measures

Ascension Parish Government provides the following reporting of 2018 activities associated with complying with the Small MS4 General Permit minimum control measures:

Public Education and Outreach – Ascension Parish recognizes that educating the public is an essential element in an overall storm water management program. Ascension Parish held its annual hazardous material pick-up on June 2, 2018 (see **Attachment C**). The Parish operates its recycling center Monday through Thursday from 7 a.m. to 4 p.m. and every Saturday from 9 a.m. to 1 p.m. (see **Attachment D**). The Parish conducted a Christmas Tree Drop-off effort from December 28, 2017 to January 12, 2018 (see **Attachment E**). These events and services help connect Ascension Parish with its residents in efforts to reduce pollutants that may end up in storm water discharges.

The Parish has also designated an Inspector (Stormwater Compliance Engineer) who addresses public complaints, mostly regarding runoff from construction sites. Two of the main goals of the Inspector are to address construction site runoff issues, but also to communicate with individuals on a “one on one” basis to help educate the public on doing “their” part in improving storm water quality.

Brochures/Booklets/Flyers/Pamphlets/Website

The Parish Storm Water Division and Parish President’s Office have flyers displayed for enlightening the public on topics relating to storm water quality and what individuals can do to improve runoff in the parish (See **Attachment F**). The Parish has also maintained its website (<http://www.ascensionparish.net>) to include pertinent information on the Storm Water Division and the Planning Department regarding storm water programs. The website also includes links to guidance and copies of plans, information, and activities to help insure that storm water regulation requirements are clear and can be met with a reasonable effort. These links provide citizens with information to help make them aware of how their actions affect storm water and how they can reduce pollutants in runoff.

Organizational Education

The Parish uses brochures and other means of publications to provide the public, businesses, and other organizations with information about preventing storm water impacts. These publications provide information on the proper use of pesticides, herbicides, and fertilizers, and ways to reduce storm water pollutants.

Developers, Construction Companies, and Contractor Education

Prior to the start of each large-scale project, a pre-construction meeting is held at the Parish’s Department of Public Works building. The meeting is conducted by the Parish with contractors to discuss schedule, milestones, and project activities, with a focus on how to minimize impacts to storm water runoff. The meeting provides an opportunity to review the erosion control plans, SWPP Plans, final stabilization of the project site, post-construction storm water management, and the role of the contractor at each stage.

Proper Disposal of Potential Storm Water Contaminants from Households

The Household Hazardous Material Day was conducted on June 2, 2018 and proved to benefit the residents of Ascension Parish. Parish residents disposed of over three tons of hazardous material in an environmentally safe manner. The Parish accepted a wide-variety of materials, including glass, rubber tires, batteries, paints, scrap metal, electronics, flammables, antifreeze, aerosols, corrosives, pesticides, herbicides, acids, caustics, fluorescent bulbs, propane tanks, and motor oils.

Designated Recycling Resources at Local DPW Building

The Parish allows the public to drop off recyclable materials at the Department of Public Works building. The Parish has collected over 250 tons of recyclables per year for several years and seeks to increase that amount using public information broadcasts and social media posts.

Public Involvement/Participation – The June 2, 2018 Household Hazardous Material Day proved to be very beneficial to the residents of Ascension Parish. The Parish accepted a wide-variety of materials, including glass, rubber tires, batteries, paints, scrap metal, electronics, flammables, antifreeze, aerosols, corrosives, pesticides, herbicides, acids, caustics, fluorescent bulbs, propane tanks, and motor oils.

Stream and Water Body Cleanup and Monitoring

The Parish has encouraged through public education and outreach to provide opportunity for community groups, citizen volunteers, stakeholders, homeowners, and others to conduct stream clean-up days, neighborhood beautification initiatives, and stream restoration programs. The Parish also provided a roadside litter crew and encourages volunteer programs to collect litter from roads and ditches. Public Works coordinates with Sheriff's inmates to pick up roadside litter. In 2018, Ascension Parish estimates that over 31,600 cubic feet of trash was picked up in this manner (see **Attachment G**).

Parish Council Meetings/Public Input

The public is provided the opportunity to comment and express their concerns related to storm water issues at any regular Parish Council meeting or calling the Ascension Parish Department of Public Works or their Parish Council representative. Public involvement and participation are also facilitated by use of the "yourgov" section of the Parish website for storm water complaints, comments, or action requests. The "yourgov" system has been integrated with the Cartegraph Data Base to automatically generate, issue, and track work order numbers. The Parish also uses field inspections recorded in the Cartegraph Data Base to track trends on construction sites to enhance the inspector's position on enforcement items. Examples of these reports are included in **Attachment H**. The summary reports included identify that the following quantified actions occurred in 2018:

- Cleaned Ditches – 7.03 miles completed
- Dig Out Existing Waterway – 20.11 miles completed
- Riprap Added – 7.76 miles completed
- Remove Obstructions from Waterways – 0.64 miles completed

- Cut Grass/Weed in Waterways – 673.03 miles completed
- Hand-Clean Waterways – 43.07 miles completed
- Debris Removal from Ditches – 0.23 miles completed
- Spray Waterways – 96.66 miles completed

Storm Drain Identification

Parish Storm Water Inspectors use GPS units to identify storm drains, road culverts, and bridges during inspection activities. A picture of storm water infrastructure and location information is then uploaded into the Parish website GIS system.

Illicit Discharge Detection and Elimination – Ascension Parish has identified several BMPs appropriate for detecting and eliminating illicit discharges to the storm water sewer system. These are described below.

Illegal Dumping

Ascension Parish DPW conducts surveillance for illegal dump sites identified through citizen complaints, during storm water outfalls inspections, and during grass cutting. Upon identification of illegal dumpsites located on state- or parish-owned property, Ascension Parish Government Solid Waste Division makes the necessary arrangements to remove and dispose of the dumped materials.

Identifying Illicit Connections

Ascension Parish Drainage Department identifies suspect connections to sanitary sewers by conducting visual inspections (video), piping schematic reviews, smoke tests, or dye studies. The Parish maintains its GIS System to identify permitted and non-permitted areas. Inspectors investigate call-in complaints and document inspections with photographs. These inspections are tracked through work orders via the Cartegraph Data System.

The Parish has implemented a program to identify and locate illicit discharges by employing the “yourgov” complaint system and by equipping the Storm Water Inspectors with GPS units. Suspect connections are identified through this program and are located on the Parish GIS map. The Parish determines whether the discharge will be resolved by the Parish or the owner. Either way, the Parish requires the owner to obtain all necessary permits to address the discharge. All illicit sewer connections from sanitary facilities discharging into Parish-owned storm drain systems will be reported to the facility owner/operator and the Louisiana Department of Health.

Failing Septic Systems

The Parish is constructing new sewer facilities that will eventually replace individual domestic sewer units and single subdivision units with collection systems and regional wastewater treatment plants. In addition, the Parish is installing two major collection lines through the parish to collect many of these individual sewer sources.

Construction Site Storm Water Runoff Control – The Drainage, Public Works, and Planning Departments coordinate the review of residential and commercial development plans within the

permitted area (See **Figure 1**). Depending upon the size and type of development or construction project, a Drainage Impact Study and an Erosion/Sedimentation Control Plan must be submitted by the project engineer for review by the Parish Engineer. Later in the process, the person(s) or companies who signed the SWPP Plan will be responsible to maintain drainage ditches and detention ponds and provide adequate bank stability and erosion protection until the site is fully stabilized to minimize impacts to waterbodies within the urbanized area (See **Figure 2**).

In an effort to improve and strengthen the Parish's Storm Water Management Program, the Storm Water Division requires each Contractor/Developer to submit a Storm Water Pollution Prevention Plan (SWPP Plan) for review prior to the preconstruction meeting. If the review requires revisions, then the changes must be made. If a Notice of Intent (NOI) is required by LDEQ, it must be received by the Parish before the project can commence.

The Parish Council passed an ordinance which states that all LPDES permits (LAR100000 & LAR20000) requires inspection reports to be done and kept onsite for all construction projects that disturb greater than one acre. Inspections must be performed in accordance to frequency documented in the SWPP Plan. These inspection reports must be submitted to the Ascension Parish Storm Water Division at the frequency documented in the SWPP Plan from the start of the construction activities regulated under the LPDES permits until the final stabilization. In conjunction with this Land Development Code (LDC) ordinance, the Parish passed LDC 17:5092, which specifies penalties for any person who violates any element of a Parish-required permit or Parish regulation, or any supporting part thereof. In addition, other LDC ordinances modified to address storm water included 17:503A and 17:506B.

LDC 17:509 requires builders and developers to meet EPA storm water regulations as administered by the LDEQ General Permit Section. This ordinance requires Construction Plans, a Drainage Impact Study, and an Erosion/Sedimentation Control Plan to be submitted to the Parish for review.

BMP Inspection and Maintenance

In 2018, the Storm Water Division continued to inspect new subdivisions and older developments where only a few lots are still available. The inspectors also inspected areas associated with complaints via the "Yourgov" system and commercial construction sites. Situations which cannot be resolved in the field require the new violation enforcement procedures to be employed, which includes stop work orders. The inspection report system records each complaint and inspection performed. The number of inspections, violations letters and any other action are recorded.

Storm Water Document(s) Design and Ordinances

In 2016, the Parish revised several existing drainage ordinances including: 17:503A, 17:506B, 17:509 and 17:5092 to require the submittal of additional plans, studies, and reports during a development project's design. The Engineering Department, along with the Department of Public Works, provide guidance, documents, and procedures to help contractors and developers produce plans compliant with storm water-related criteria.

Construction Documents and Plan Review

Within the last few years, Ascension Parish Government developed a program that requires a review of development plans for all construction projects to ensure compliance with the drainage

ordinance. Building permits will not be issued until compliance with the ordinance has been demonstrated by the developer or contractor. In 2014, the Parish modified the Cartegraph Database System to record and track the review and progress of the different design documents. The pre-construction checklist includes additional storm water documents. Guidance for developers/contractors for completing the documents is available upon request.

The Storm Water Division continues to coordinate and develop guidance for contractors and developers including: example BMPs, SWPP Plan completion checklists, erosion and sediment control guidance. The Parish IT Division and Storm Water Division have put these guidance documents and links to LDEQ and EPA guidance on the Parish website (<http://www.ascensionparish.net>).

Construction and Storm Water Management Reporting

Ascension Parish Government compiles all documented construction site inspections and responses to resident complaints. These documents are scanned and stored on the Parish network.

Post-Construction Storm Water Management – Ascension Parish has an existing ordinance (LDC 17-508) that requires a Drainage Impact Study be completed to show that drainage designs will maintain the existing flow patterns prior to proposed improvements, how existing condition water surface profiles will be modeled and how a permit must be obtained. Ordinance LDC 17:509 was amended to specifically address LDEQ General Construction Storm Water Permits LAR10000 and LAR200000 requirements. The project completion documentation and post-construction requirements are required by the Parish. Commercial development sites are inspected to determine if the outside construction activities were properly completed and stabilized.

Spill Prevention, Control and Countermeasures (SPCC) Plan

Ascension Parish Department of Public Works advises/recommends to developers/contractors of construction sites with a proposed aggregate aboveground storage capacity of petroleum products in excess of 1,320 gallons to prepare and implement an SPCC Plan in accordance with federal regulation 40 CFR 112 and state regulation LAC 33:IX.907. Ascension Parish works with developers/contractors to provide guidance and templates for acceptable plans to protect against oil spills/releases.

General Requirements for MS4 Permit

Ascension Parish Engineering Department requires that developers/contractors of regulated projects (equal to or greater than one acre) to obtain and comply with the necessary LDEQ General Construction Storm Water Permits for discharges of storm water associated with construction activities. This requirement has been formalized in recent changes to parish ordinances. The Parish anticipates additional ordinance changes as needed to improve storm water management, including permit fees to address permit requirements.

Post-Construction Storm Water Management in New Development and Redevelopment

Ascension Parish has enacted ordinances to address discharges associated with post-construction storm water runoff from newly developed and redeveloped areas. The ordinances

require peak flow mitigation of post-development conditions to pre-development conditions. The drainage ordinances also prohibit encroachment on the drainage servitudes. The Parish conducts inspections of post-construction areas and documents the inspections to ensure development and redevelopment areas are adequately stabilized.

Pollution Prevention/Good Housekeeping for Municipal Operations – – Ascension Parish has conducted numerous operations to reduce pollution associated with its municipal operations. These are described below:

- The Parish maintained vehicles and equipment in accordance with the manufacturers' guidelines. Used oil and antifreeze is processed via FCC Environmental proprietary recycling process. All materials are handled in a way that will not impact storm water runoff.
- Hazardous materials are stored properly, according to manufacturers' labels and are inventoried and monitored. Items are stored and handled in such a way as to not affect storm water runoff.
- DPW employs equipment (tractors) for grass cutting along state and parish roadsides, levees, and pumping stations. Illegal dumping areas identified during grass cutting activities are reported to DPW Solid Waste Department.
- Herbicides are used on an as-needed basis to control grass/weed growth. All herbicide applications are monitored in accordance with state agricultural and forestry rules and regulations. Monitoring reports include locations of applied herbicides, product names, quantities applied, applications conditions, date/time, and certified applicator name.

The Engineering Department and Storm Water Division periodically audit parish-owned buildings and inspect the building maintenance to insure MS4 requirements are met.

Conclusions/Proposed MS4 Activities for 2019

This Annual Report, prepared in accordance with the Small MS4 General Permit, has been prepared by Ascension Parish Government's Department of Public Works personnel. The Small MS4 General Permit requires the Annual Report to provide the Small MS4 Annual Report Form (see **Attachment I**) and the following information:

- Status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices, progress toward achieving the statutory goal of reducing the discharge of pollutants to the maximum extent practical (MEP), and the measurable goals for each of the minimum control measures;

Response: Ascension Parish is in substantial compliance with the terms of the Small MS4 General Permit. Ascension Parish has contracted an experienced MS4 environmental consultant at the end of the first quarter of 2018 to assist in making improvements. At this time, our assessment of the BMPs utilized indicates the BMPs are appropriate and adequate, and we are continuously making progress on reducing the discharge of pollutants to the parish receiving streams.

- Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP;

Response: Ascension Parish has not conducted receiving stream monitoring under the Small MS4 General Permit but intends to review water quality data collected within the parish and reported in August 2018 (See Attachment B). Ascension Parish does record other information such as tonnage of materials collected during our Household Hazardous Material Day and at our Recycling Center. These programs continue to be considered a success and valued by our residents.

- A summary of the storm water activities you plan to undertake during the next reporting cycle (including any implementation schedule);

Response: Ascension Parish will utilize the feedback received from LDEQ and EPA over the past year to opportunities to improve our MS4 program. Ascension Parish has identified specific actions to occur during 2019 below.

- Proposed changes to your Storm Water Management Program, including changes to any BMPs or any identified measurable goals that apply to the program elements;

Response: Ascension Parish will incorporate the feedback received from LDEQ and EPA over the past year to improve our Storm Water Management Program Plan. The specific actions to occur during 2019 referenced below will be incorporated into SWMP Plan revisions.

- Notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

Response: Ascension Parish not relying on other government entities to satisfy our Small MS4 General Permit obligations.

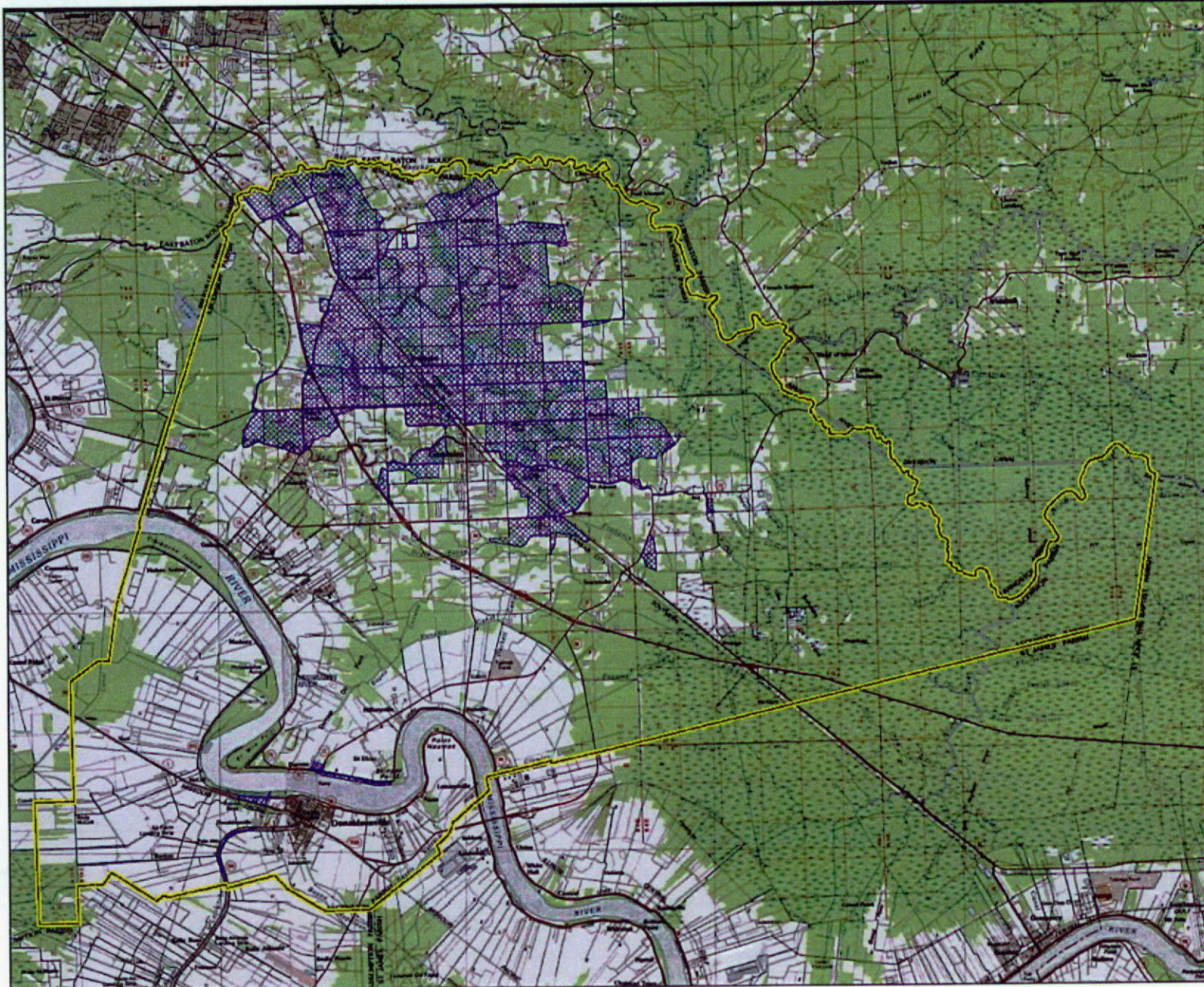
Proposed MS4 Activities for 2019

Ascension Parish is currently conducting or intends to conduct the following activities:



- Incorporate construction inspection forms into “My Permit Now” database software that Ascension Parish is transitioning to from the existing Cartegraph software, so that inspections can be better documented in a publicly accessible format;
- Develop an MS4 public service announcement for distribution on Ascension21, the Ascension Parish public access channel;
- Develop and conduct a more formal stormwater management training program for municipal employees that can impact stormwater quality;
- Conduct environmental compliance reviews at Ascension Parish facilities that have potential to impact stormwater quality (pump stations, sanitary wastewater treatment facilities, maintenance facilities, etc.) and perform corrective actions as appropriate;
- Utilize the water quality data and mapping/inventories of point source dischargers within the UA to improve our illicit discharge detection program and future monitoring efforts; and
- Develop more quantifiable measurable goals for the SWMP Plan and revise the SWMP Plan to reflect the improvements to take place in 2019.

FIGURES

FIGURE 1
PERMITTED AREA



Legend

-  Ascension Parish Boundary
-  Urbanized Areas

Note

Please note that due to the scale and detail required to delineate the LDOTD MS4 watersheds (all waters draining directly to state highway ditches from both the road surface and adjacent properties) on a figure of this size, areas that fall under the jurisdiction of the LDOTD MS4 are not depicted on this figure.

Reference

Base map comprised of U.S.G.S. 1:100,000 topographic maps, "Baton Rouge, LA" dated 1985 and Ponchartroula, LA" dated 1984.



Reference:
Map from Providence. Drawing Number 266-010-8003, Dated 08/11/11.

Ascension Parish Government

Municipal Separate Storm Sewer System

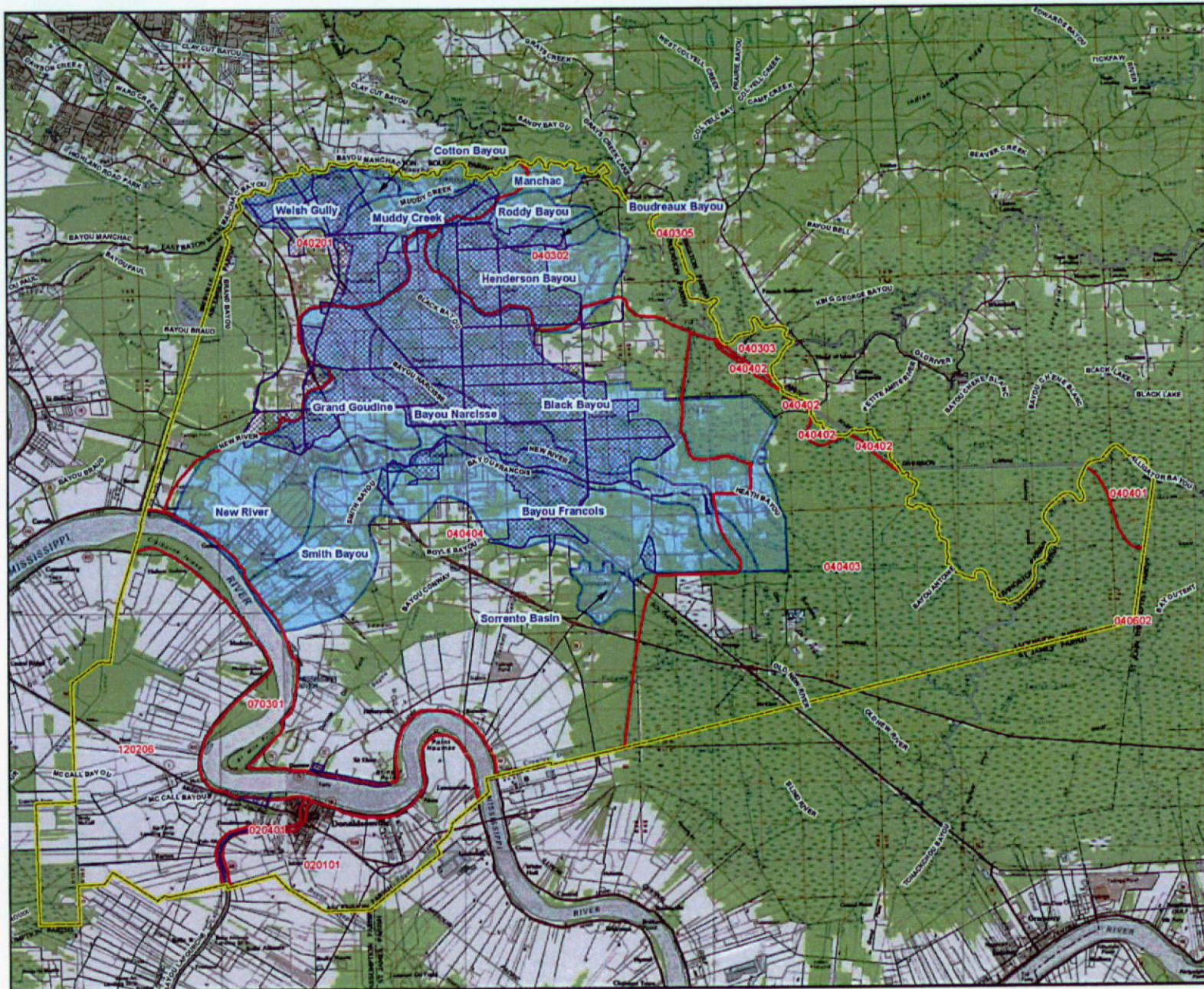
Permitted Area

Ascension Parish



Drawn: CAL	Checked: ABS
Date: 1/14/2019	Approved: ABS
Dwg. No.: B16048-01	Figure 1

FIGURE 2
WATERBODIES WITHIN THE URBANIZED AREA



Legend

- Ascension Parish Boundary
- LDEQ Subsegments
- Urbanized Areas
- Ascension Watersheds

Note

Please note that due to the scale and detail required to delineate the LDOTD MS4 watersheds (all waters draining directly to state highway ditches from both the road surface and adjacent properties) on a figure of this size, areas that fell under the jurisdiction of the LDOTD MS4 are not depicted on this figure.

Reference

Base map comprised of U.S.G.S. 1:100,000 topographic maps, "Baton Rouge, LA" dated 1985 and Ponchartraine, LA" dated 1984.



Reference:
Map from Providence, Drawing Number 266-010-8004, Dated 08/11/11.

Ascension Parish Government

Municipal Separate Storm Sewer System

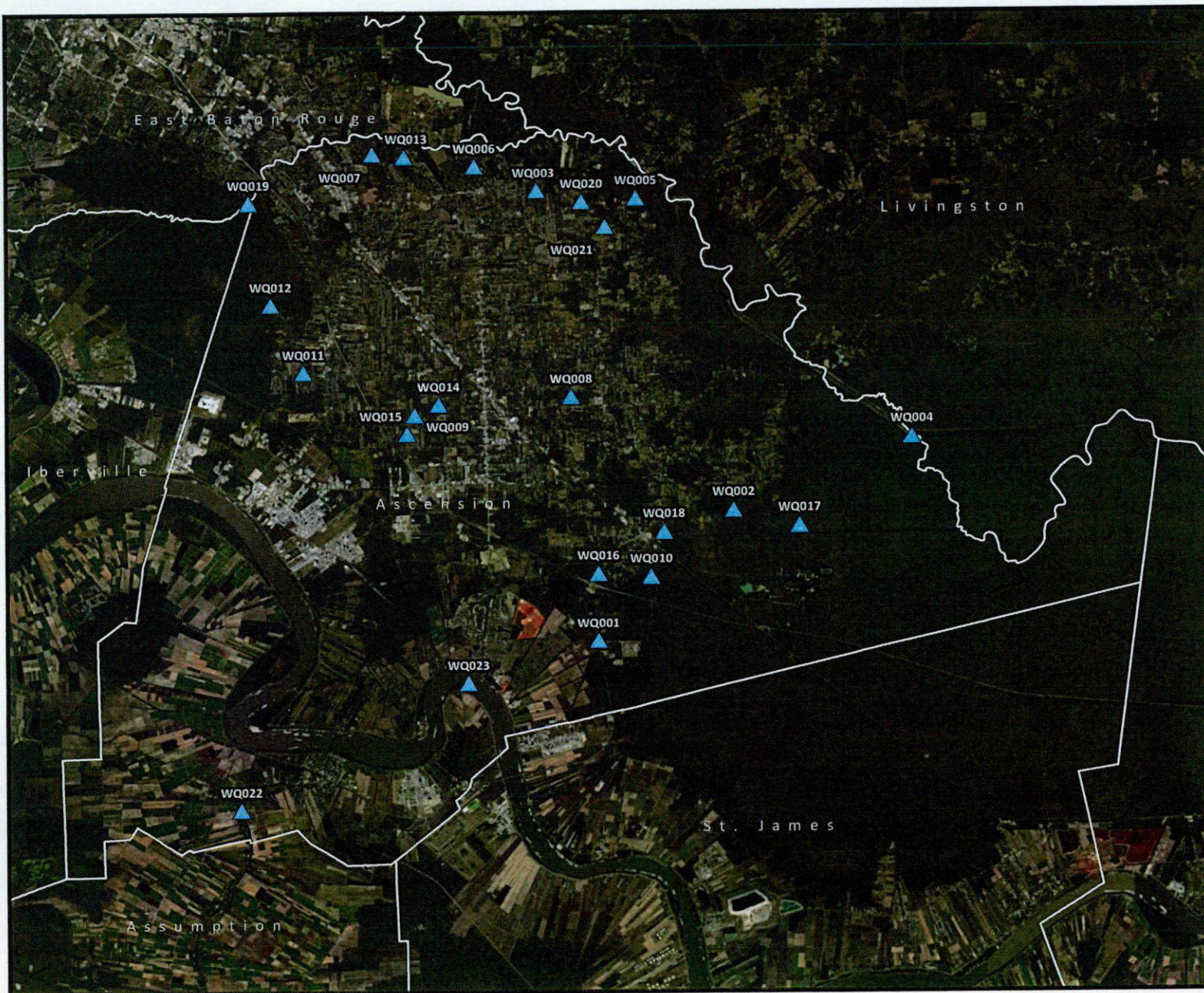
Waterbodies Within the Urbanized Areas

Ascension Parish



Drawn: CAL	Checked: ABS
Date: 1/14/2019	Approved: ABS
Dwg. No.: B16048-02	Figure 2

FIGURE 3
WATER QUALITY MONITORING STATIONS



Legend

▲ Water Quality Study Monitoring Station

Ascension Parish Government

Municipal Separate Storm Sewer System

Water Quality Monitoring Stations

Ascension Parish

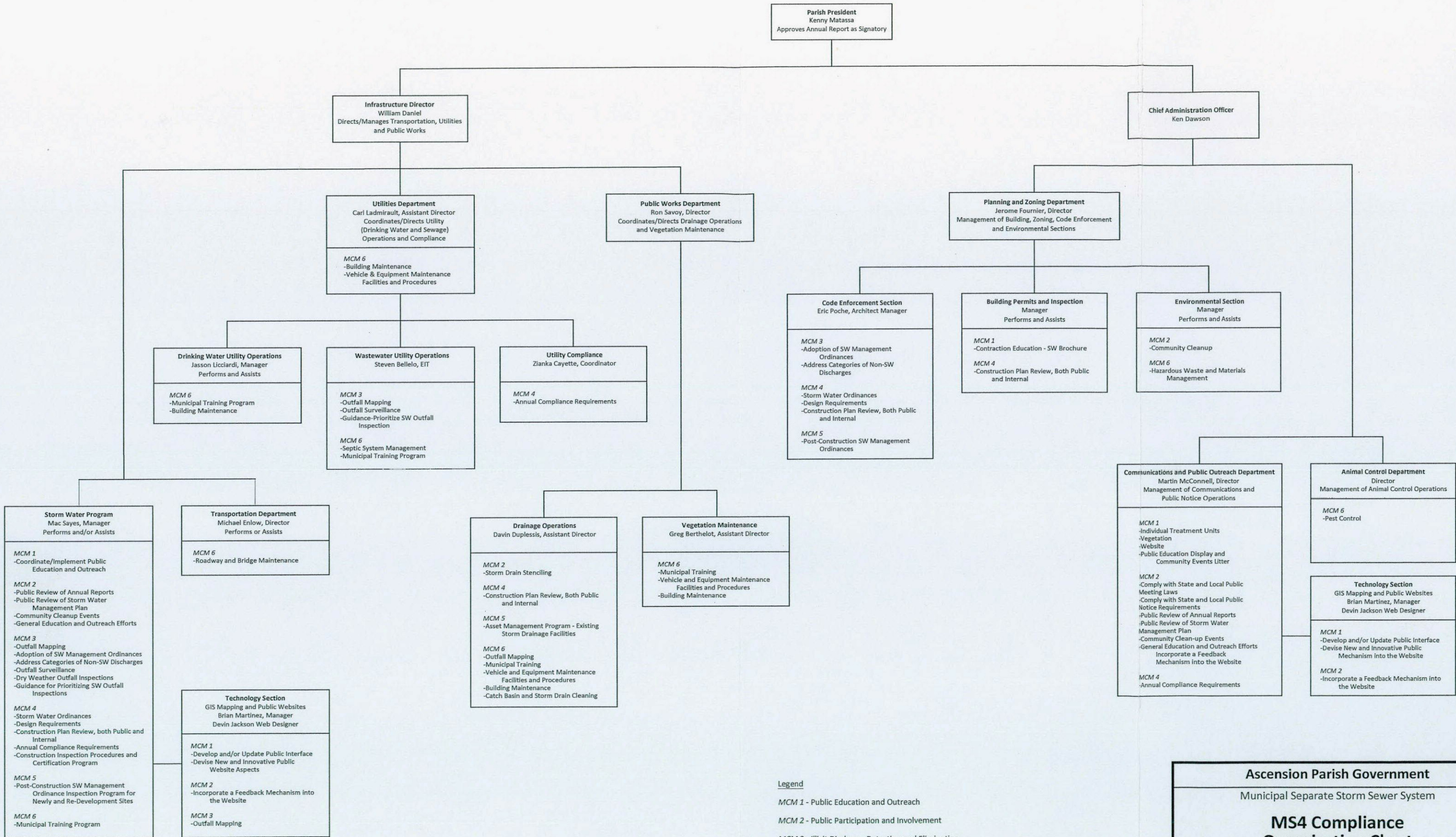


Drawn: CAL	Checked: ABS
Date: 1/14/2019	Approved: ABS
Dwg. No.: B16048-03	

Figure 3

ATTACHMENTS

ATTACHMENT A
MS4 ORGANIZATIONAL CHART



- Legend**
- MCM 1 - Public Education and Outreach
 - MCM 2 - Public Participation and Involvement
 - MCM 3 - Illicit Discharge Detection and Elimination
 - MCM 4 - Construction Storm Water Management
 - MCM 5 - Post Construction Storm Water Management
 - MCM 6 - Pollution Prevention and Good Housekeeping for Municipal 'Owned' Operations

Ascension Parish Government

Municipal Separate Storm Sewer System

MS4 Compliance Organization Chart

Ascension Parish

CK ASSOCIATES
Environmental Consultants

Drawn: CAL

Checked: ABS

Date: 3/4/2019

Approved: ABS

Dwg. No.: B16048-04

Figure 1

ATTACHMENT B
EXCERPTS FROM “WATER QUALITY
ENVIRONMENTAL REPORT”

OFFICE OF THE PARISH PRESIDENT



KENNY MATASSA
PARISH PRESIDENT

**WATER QUALITY
ENVIRONMENTAL REPORT
EXECUTIVE SUMMARY**

EPA Lake Pontchartrain Basin Program

EPA # BR-00F677001/UN058556C

Parish Project # 2016.0005

Prepared For

Kenny Matassa, Parish President
208 E. Railroad Street
Gonzales, Louisiana 70801

Prepared By:

Providence Engineering and
Environmental Group LLC
1201 Main Street
Baton Rouge, Louisiana 70801
(225) 766-7400

August 2018

1.0 EXECUTIVE SUMMARY

This report was prepared for Ascension Parish to update and document surface water quality in Ascension ("Parish") over the past three years. This report provides an update to the final Water Quality Environmental Report prepared for the Parish in 2015. The methodology used in this update attempts to follow the same procedures utilized in the original report; however not all pollutants were analyzed during the evaluation period and samples were not collected as systematically.

Ascension Parish continues to be the fastest growing Parish in Louisiana. In the past three years since the previous report was written, the population has grown by approximately 15,000 citizens or approximately 12.5%. Although the Parish experienced a significant flooding event in 2016, new construction, rebuilding, renovating, refurbishing, and expansions continue. The population growth is expected to continue, and at a rate of approximately 4-5% per year, it is unlikely that public infrastructure will be able to keep pace with development.

Update

This water quality report aims to provide an updated assessment of the waterbodies in Ascension Parish, taking into account many factors with the ability to impact water quality. Most of the waterbodies within the Parish continue to be designated as impaired under Louisiana's Water Quality Integrated Report. The science

behind watershed restoration within the Parish draws upon the historic data contributing to the impairments, while updating and expanding that knowledge with the recently collected ambient and watershed data documenting water quality, waterbody characteristics, development impacts, and the variety of impairments.



The overall goal of this analysis project is to 1) compare recently collected data to the previous evaluation in order to determine if improvements are being realized, 2) identify where water quality in the Parish's waterbodies does and does not meet established Louisiana Department of Environmental Quality (LDEQ or Department) ambient standards, 3) identify sources that may be contributing to those waterbodies where standards are not being achieved and 4) to pursue the necessary follow up actions (enforcement, regulatory changes, etc.) that will lead to improved water quality. This report aims to set forth a blueprint for the sustainable environmental health of waterbodies within

Ascension Parish and the Lake Pontchartrain Basin.

As demonstrated by the data historically collected by LDEQ and as presented in this report and the 2015 report, Parish waterbodies continue to suffer poor health due to lower than average DO (DO) levels resulting from a lack of elevation and stagnating waters, exacerbated by the large number of point source discharges. Wind and tidal backflows cause further stagnation in low volume waters by preventing downstream flows. To tackle these conditions, the Parish recognizes that ratcheting down on all point source dischargers may not necessarily affect or restore water quality in certain watersheds. The data and recommendations presented in this report continue to demonstrate that a holistic approach will be necessary to identify and resolve water quality issues in Ascension Parish.

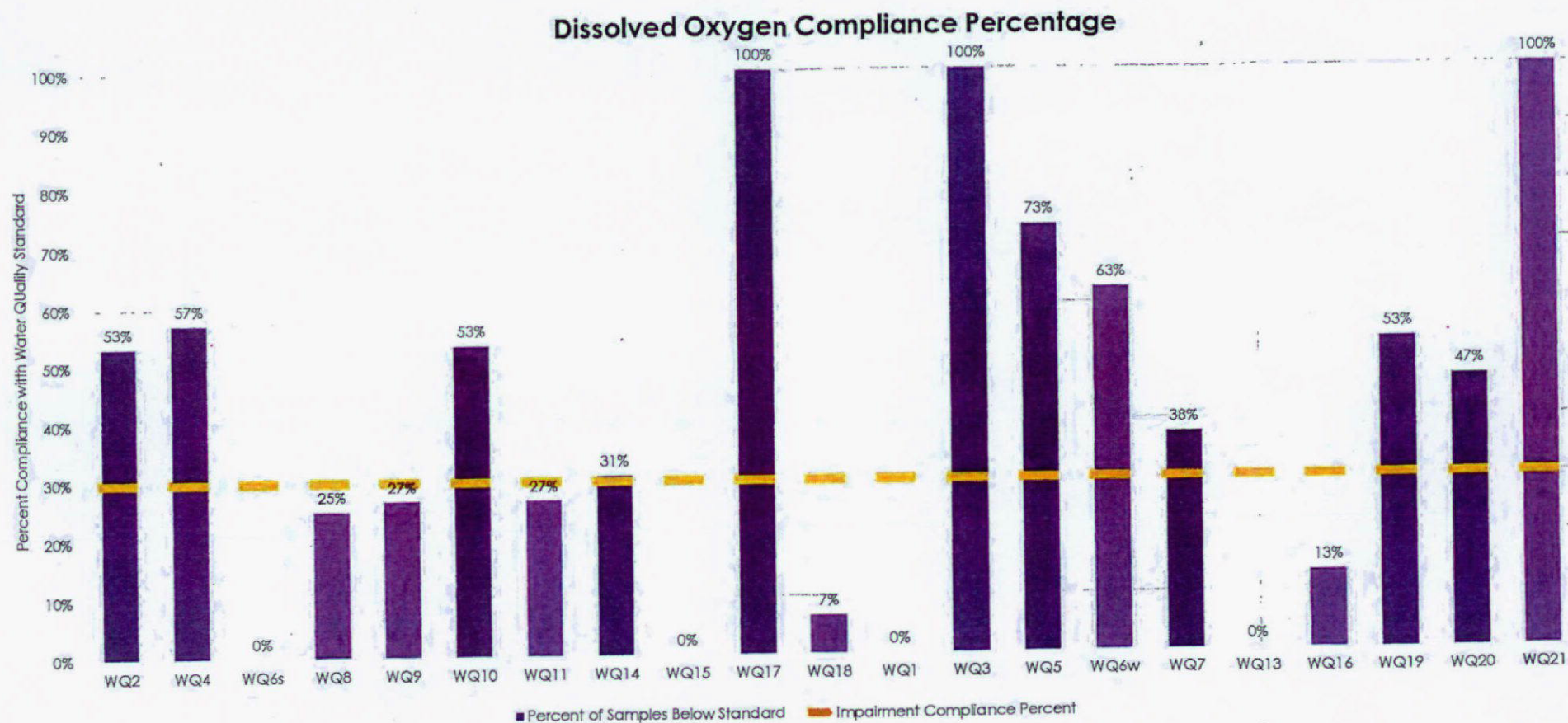
This holistic approach provides the most technically sound and economically efficient means of addressing water quality problems and is strengthened through the involvement of stakeholders that may have broader concerns than simply attainment of water quality standards. Proceeding down this path allows the Parish to address all the uses of a waterbody, the criteria needed to protect the use, and the strategies and projects necessary to restore water quality and/or prevent further degradation. Understanding that

regulatory changes, ordinance changes, flood and drainage modifications, re-establishment of historical flow paths, stakeholder involvement, Parish permitting, potential planning and zoning modifications, continued sampling, and infrastructure projects which demonstrate actual measurable improvements in water quality, is the first step in moving toward watershed restoration.

Effluent Reduction Systems
Low Impact Development
Enforcement Controls
Additional Sampling
Innovative Management Practices

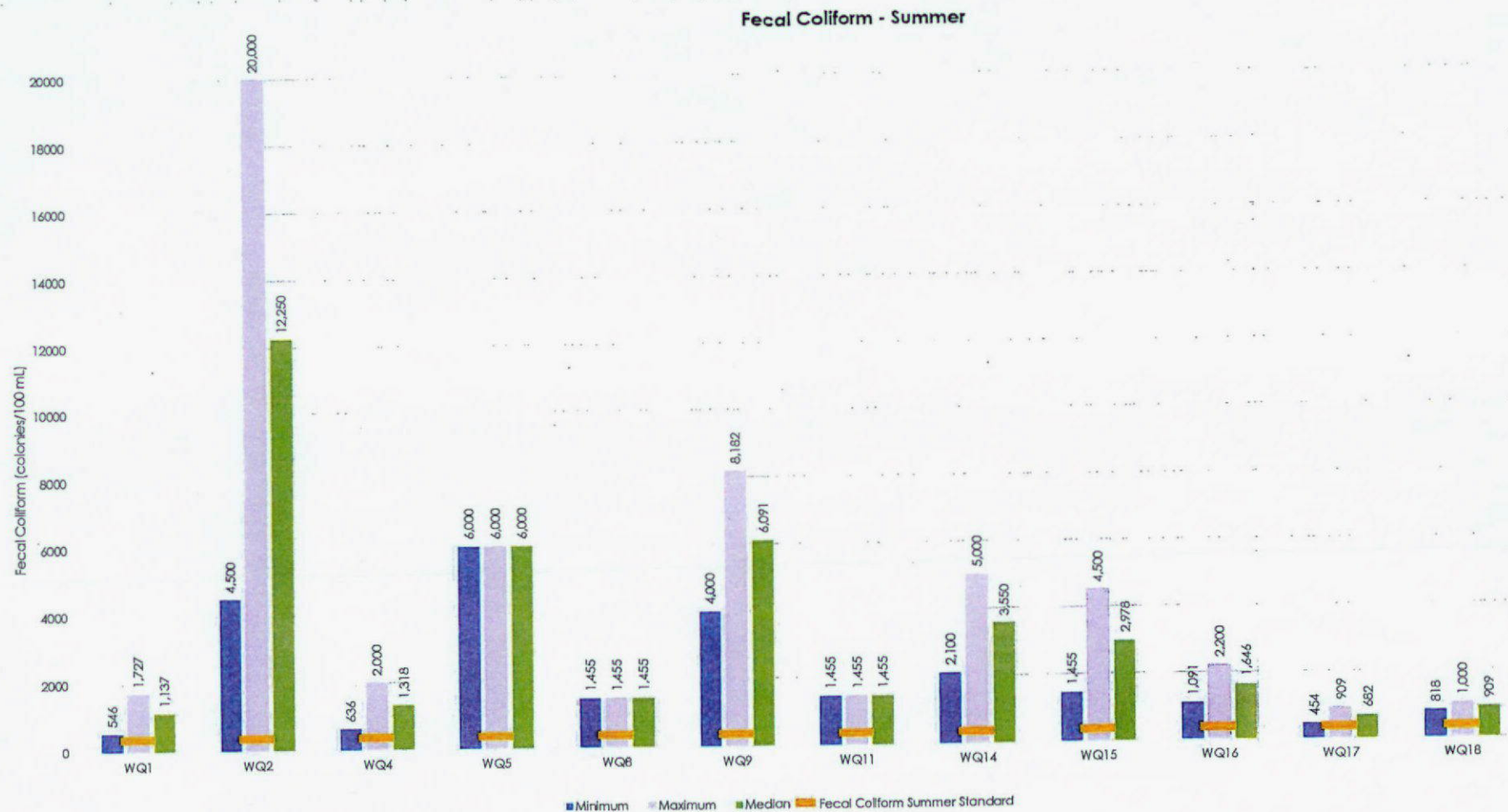
The ambient water quality data collected by the Parish for the past year remains consistent with LDEQ data, in that it continues to demonstrate depressed DO levels (specifically during those months where the standard was not lowered), and high dissolved solids (additional standards which the state is revisiting) in many waterbodies. The Parish should continue to work with LDEQ and EPA to develop more focused modeling efforts based on the new standards to make the most informed water quality decisions to prioritize infrastructure projects and grant monies in those areas where projects will have the biggest pollution reduction impact.

Figure 2. DO Compliance Percentage



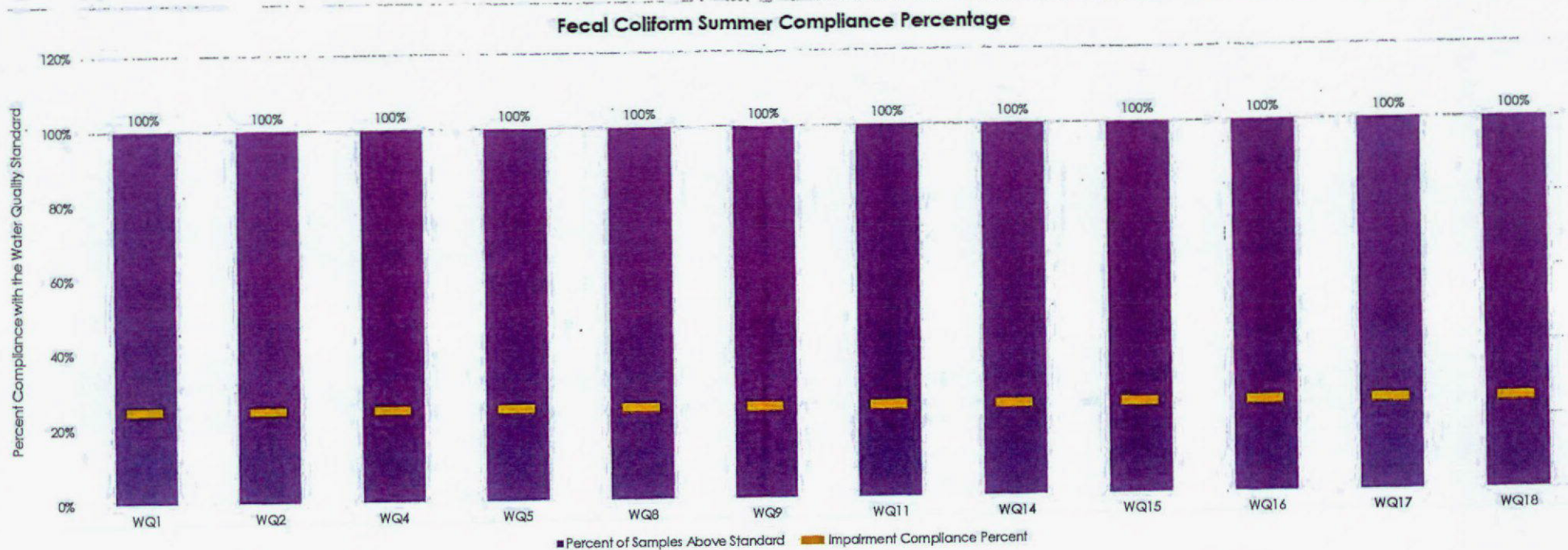
The data collected for DO demonstrates that while average DO levels are above the lower summer standard, many watersheds still have a large percent of samples above the 30% impairment compliance limit. As a result, several waterbodies may be listed for TMDL action unnecessarily, while others may be overlooked. The data collected specifically for this report was collected over a relatively short period of time (typically only two weeks of continuous data were provided), therefore it's hard to draw any conclusions or determine if the low DO levels were related to ambient factors or anthropogenic influences.

Figure 8. Fecal Coliform Summer Data (May – October)



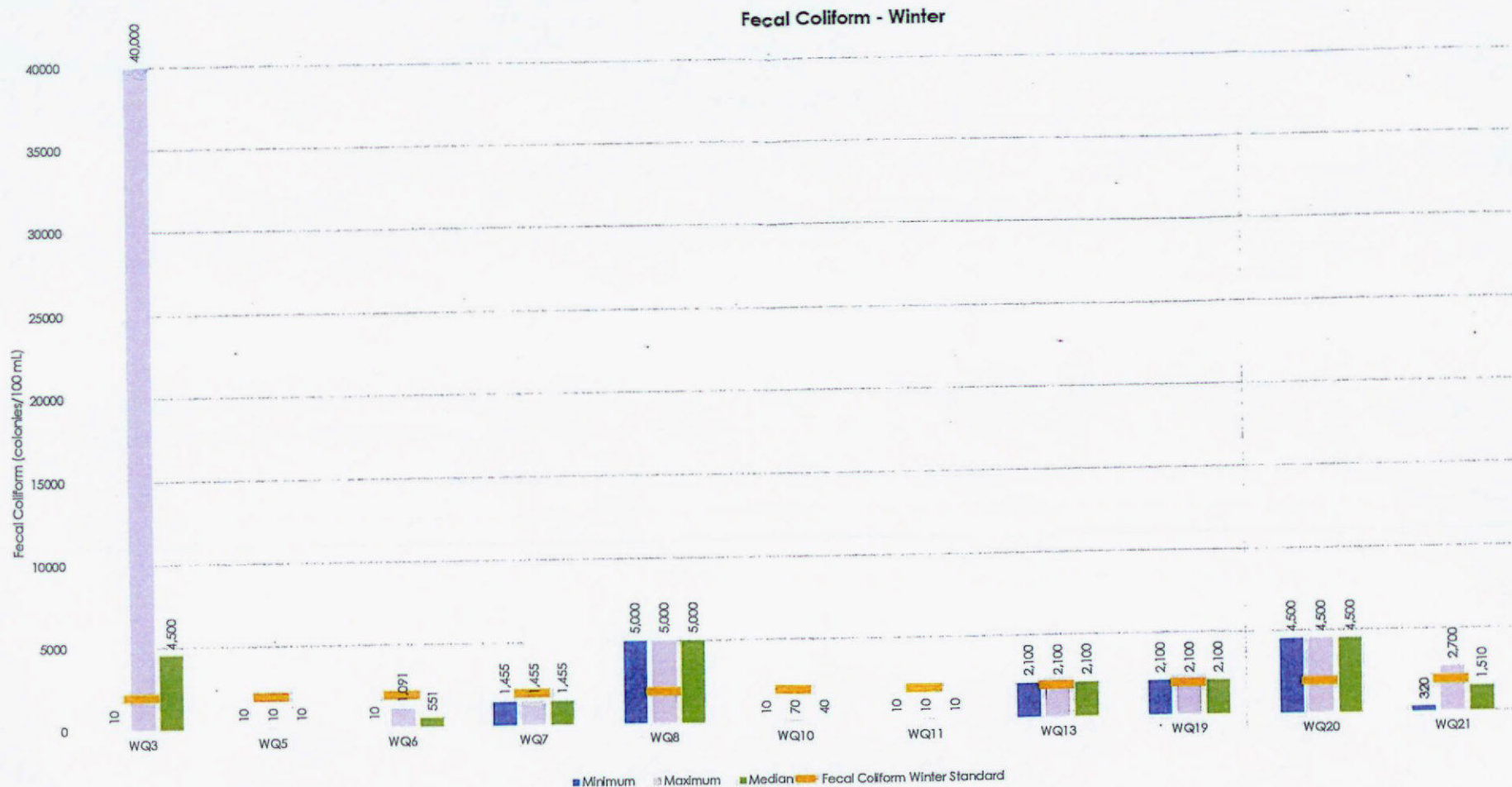
The above data demonstrates that fecal coliform was above the water quality standard at each station sampled during the summer season. However, it is easy to see that with relatively few samples per station, there is no ability to determine if these were isolated incidences, or typical values for these watersheds. While there were a few elevated fecal coliform levels in the previous report, most all summer averages were below the water quality standard as compared to the high levels seen during this review period. The Parish should consider collecting samples more frequently (once/month) and seasonally to more fully assess fecal coliform levels in the streams.

Figure 9. Fecal Coliform Summer Compliance Percentage (May – October)



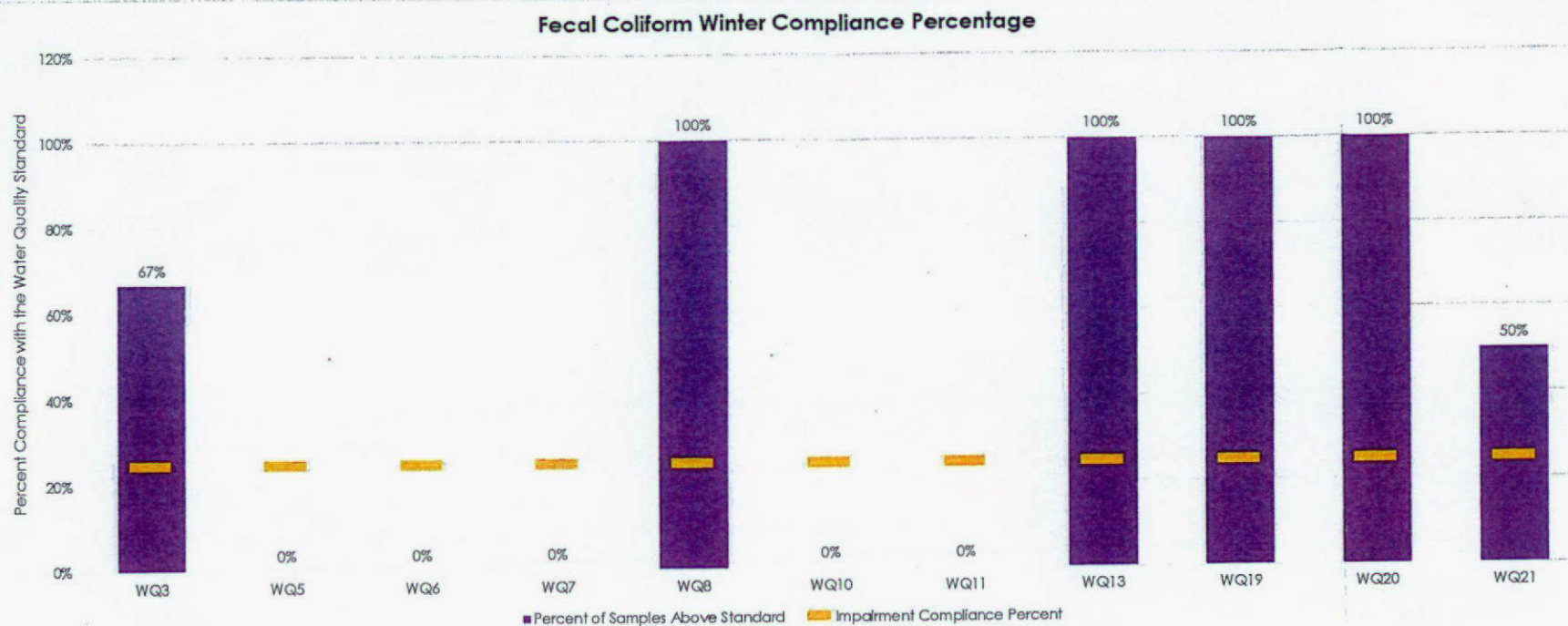
The summer data collected for Fecal Coliform demonstrates that all stations are above the summer standard for Fecal Coliform; therefore, the compliance percentages for all 12 sub-watersheds sampled during the summer season are greater than the 25% required to deem a waterbody as impaired for fecal coliform.

Figure 10. Fecal Coliform Winter Data (November – April)



The above data demonstrates that fecal coliform is not a significant problem in seven of the eleven sub-watersheds sampled during the winter period. Of the four sub-watersheds not in compliance with the winter standard, only one had more than a single data point for review. The Parish should consider collecting samples more frequently (once/month) and seasonally to more fully assess fecal coliform levels in the streams.

Figure 11. Fecal Coliform Winter Compliance Percentage (November – April)



The winter data collected for fecal coliform demonstrates that six of the sub-watershed stations are above the compliance percentage (25%) required to deem a waterbody as impaired for fecal coliform.

and
 Hydrostatic Test Waters
 Industrial Stormwater Runoff
 Landfill Waters
 UST Remediation Waters
 Ballast Waters
 Combined Wash Waters & Treated Sanitary Wastewater
 Corroding Waters
 Industrial Storm Water Runoff
 Industrial Stormwater Runoff
 Landfill Waters
 Process Waters
 Seafood Bait Water
 Treated Sanitary Wastewater
 Utility Waters
 Wash Waters
 Sample Points
 Parish Boundary
 Bayou Conway
 Subdivisions
 Waterways
 ODZONE
 A
 AE
 AH
 X Shaded

Map created by the APG GIS Dept.
Date: 6/22/2018

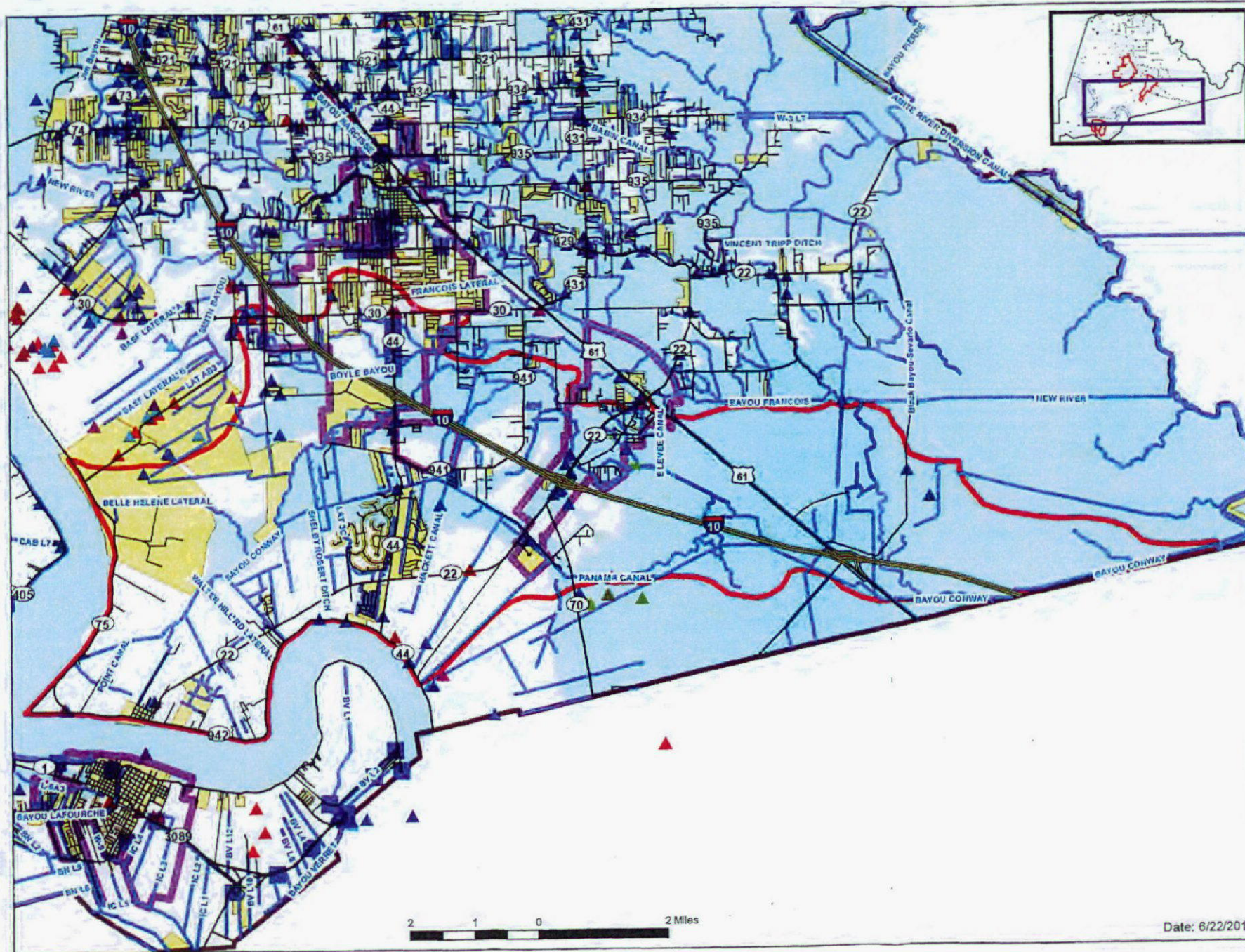


Table 7. Bayou Conway LDEQ Permitted Discharger List

IDEQ ID No.	Facility Name	LDEQ Subsegment No.	Parish Sub-Watershed	IDEQ Permit No.	LDEQ Permit Type	Physical Address	Outfall No.	Outfall Wastewater Type
154751	A&T Robert Enterprises LLC - Celerity Louisiana Group Inc	040403	Bayou Conway	LAG534982	Gen-LAG53-Sanitary Class I	7384 John LeBlanc Blvd Sorrento, LA 70778	Outfall 002	treated sanitary wastewater
154751	A&T Robert Enterprises LLC - Celerity Louisiana Group Inc	040403	Bayou Conway	LAG534982	Gen-LAG53-Sanitary Class I	7384 John LeBlanc Blvd Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
3420	Almatis Burnside LLC - Burnside Alumina Plant	040403	Bayou Conway	LA0005606	Indiv-Major-Industrial	41237 Hwy 22 Burnside, LA 70738	Outfall 001	comingled waters
3420	Almatis Burnside LLC - Burnside Alumina Plant	040403	Bayou Conway	LA0005606	Indiv-Major-Industrial	41237 Hwy 22 Burnside, LA 70738	Internal Outfall 201	treated sanitary wastewater
43310	Ascension Estates LLC	040404	Bayou Conway	LAG540857	Gen-LAG54-Sanitary Class II	8544 S St Landry Rd Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
133075	Ascension Parish Dept of Public Works - Darrow WWTP	040404	Bayou Conway	LAG570351	Gen-LAG57-Sanitary Class IV	3487 Darrow Ballpark Rd Darrow, LA 70725	Outfall 001	treated sanitary wastewater
129876	Ascension Parish Government Department of Public Utilities - Oak Lake Subdivision	040403	Bayou Conway	LAG570603	Gen-LAG57-Sanitary Class IV	LA Hwy 44 & Loosemore Rd Gonzales, LA 70738	Outfall 001	treated sanitary wastewater
93816	Ascension Wastewater Treatment Inc - Deer Run Subdivision STP	040404	Bayou Conway	LAG541257	Gen-LAG54-Sanitary Class II	8368 St Landry Rd Prairieville, LA 70769	Outfall 001	treated sanitary wastewater
93818	Ascension Wastewater Treatment Inc - Golden Meadow Subdivision STP	040403	Bayou Conway	LAG541971	Gen-LAG54-Sanitary Class II	8434 Brook Crossing Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
93881	Ascension Wastewater Treatment Inc - Pelican Crossing & Ascension Trace & River Ridge STP	040403	Bayou Conway	LA0124958	Indiv-Minor-Sanitary	7020 Pelican Crossing Dr Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
51838	Ascension Wastewater Treatment Inc - Pelican Point Wastewater Treatment Plant	040403	Bayou Conway	LA0105058	Indiv-Minor-Sanitary	7085 Hwy 44 Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
79986	Bayou Conway Super Stop	040404	Bayou Conway	LAG531752	Gen-LAG53-Sanitary Class I	7330 John Leblanc Blvd Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
4803	BFI Waste Systems of Louisiana LLC - Colonial Landfill	040403	Bayou Conway	LA0064335	Indiv-Minor Industrial	5328 Hwy 70 Sorrento, LA 70778	Outfall 003	Industrial stormwater runoff
4803	BFI Waste Systems of Louisiana LLC - Colonial Landfill	040403	Bayou Conway	LA0064335	Indiv-Minor Industrial	5328 Hwy 70 Sorrento, LA 70778	Outfall 004	Industrial stormwater runoff
168122	BlueLine Rental LLC - BlueLine #654 - Geismar	040404	Bayou Conway	LAG470438	Gen-LAG47-Auto Repair/Dealers	36326 Hwy 30 Geismar, LA 70734	006	combined wash waters and treated sanitary wastewater
172558	Bonneval Foods	040404	Bayou Conway	LAG533704	Gen-LAG53-Sanitary Class I	10218 Airline Hwy Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
11416	Bridgeline Holdings LP - Sorrento Underground Gas Storage Facility	040403	Bayou Conway	LAG530096	Gen-LAG53-Sanitary Class I	6576 Hwy 3140 Sorrento, LA 70778	outfall 001	treated sanitary wastewater

LDEQ ID No.	Facility Name	LDEQ Subsegment No.	Parish Sub-Watershed	LDEQ Permit No.	LDEQ Permit Type	Physical Address	Outfall No.	Outfall Wastewater Type
180091	Burnside Plantation LLC - Houmas House Plantation & Garden	040403	Bayou Conway	LAG541902	Gen-LAG54-Sanitary Class II	40136 LA Hwy 942 Darrow, LA 70725	Outfall 001	treated sanitary wastewater
180091	Burnside Plantation LLC - Houmas House Plantation & Garden	040403	Bayou Conway	LAG541902	Gen-LAG54-Sanitary Class II	40136 LA Hwy 942 Darrow, LA 70725	Outfall 002	treated sanitary wastewater
180091	Burnside Plantation LLC - Houmas House Plantation & Garden	040403	Bayou Conway	LAG541902	Gen-LAG54-Sanitary Class II	40136 LA Hwy 942 Darrow, LA 70725	Outfall 003	treated sanitary wastewater
180091	Burnside Plantation LLC - Houmas House Plantation & Garden	040403	Bayou Conway	LAG541902	Gen-LAG54-Sanitary Class II	40136 LA Hwy 942 Darrow, LA 70725	Outfall 004	treated sanitary wastewater
13322	Cajun ready Mix Concrete LLC - Gonzales Plant	040404	Bayou Conway	LAG110190	Gen-LAG11-Concrete/Asphalt	38429 Hwy 30 Gonzales, LA 70737	Outfall 001	comingled waters
160227	Compro LLC - Heavy Machines	040403	Bayou Conway	LAG534954	Gen-LAG53-Sanitary Class I	7156 Hwy 22 Sorrento, LA 70878	Outfall 001	treated sanitary wastewater
41134	Cooper Consolidated LLC - Darrow Maintenance Facility	040403	Bayou Conway	LA0104744	Indiv-Minor Industrial	3369 Hwy 75 Darrow, LA 70725	Outfall 004	treated sanitary wastewater
41134	Cooper Consolidated LLC - Darrow Maintenance Facility	040403	Bayou Conway	LA0104744	Indiv-Minor Industrial	3369 Hwy 75 Darrow, LA 70725	Outfall 003	wash waters
41234	Delta Concrete Products LLC - Gonzales Plant	040404	Bayou Conway	LAG110032	Gen-LAG11-Concrete/Asphalt	38418 Hwy 30 Gonzales, LA 70737	Outfall 003	industrial stormwater runoff
1748	Duplessis Pontiac Buick GMC Truck Inc	040404	Bayou Conway	LAG470103	Gen-LAG47-Auto Repair/Dealers	2522 S Burnside Ave Gonzales, LA 70737	Outfall 001	wash waters
119970	ExxonMobil Pipeline Co - Sorrento Dome	040403	Bayou Conway	LAG534096	Gen-LAG53-Sanitary Class I	Terminus of Hwy 3140 Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
84117	Gaubert Food Mart Inc - Go-Bear Food Mart #24	040403	Bayou Conway	LAG535294	Gen-LAG53-Sanitary Class I	7337 John LeBlanc Blvd Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
39945	Impala Terminals Burnside LLC - Burnside Terminal	040403	Bayou Conway	LA0125938	Indiv-Minor Industrial	4258 Hwy 44 Darrow, LA 70725	Outfall 02A	comingled waters
39945	Impala Terminals Burnside LLC - Burnside Terminal	040403	Bayou Conway	LA0125938	Indiv-Minor Industrial	4258 Hwy 44 Darrow, LA 70725	Outfall 03A	comingled waters
39945	Impala Terminals Burnside LLC - Burnside Terminal	040403	Bayou Conway	LAG534743	Gen-LAG53-Sanitary Class I	4258 Hwy 44 Darrow, LA 70725	Outfall 004	treated sanitary wastewater
83997	Lamar Dixon Expo Center	040403	Bayou Conway	LAG533936	Gen-LAG53-Sanitary Class I	9039 St Landry Rd Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
156482	Market South Investors LLC - Four Seasons Self Storage	040403	Bayou Conway	LAG532806	Gen-LAG53-Sanitary Class I	5039 Hwy 44 Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
192327	MBS & Associates LLC	040404	Bayou Conway	LAG534811	Gen-LAG53-Sanitary Class I	38390 LA Hwy 30 Gonzales, LA 70737	Outfall 001	treated sanitary wastewater

LDEQ ID No.	Facility Name	LDEQ Subsegment No.	Parish Sub-Watershed	LDEQ Permit No.	LDEQ Permit Type	Physical Address	Outfall No.	Outfall Wastewater Type
192103	MBS & Associates LLC - Office Building	040404	Bayou Conway	LAG535652	Gen-LAG53-Sanitary Class I	38390 Hwy 30 Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
42443	McBR Management Co Inc - McDonald's	040403	Bayou Conway	LAG531807	Gen-LAG53-Sanitary Class I	Hwy 22 Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
155832	Pelican Point Commerce Center - Burns Property MD LLC	040403	Bayou Conway	LAG535580	Gen-LAG53-Sanitary Class I	8184 Hwy 44 Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
206487	RaceTrac Petroleum Inc - RaceTrac Sorrento	040403	Bayou Conway	LAG535600	Gen-LAG53-Sanitary Class I	Hwy 22 Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
208926	Repcon Inc - Gonzales Office	040404	Bayou Conway	LAG481068	Gen-LAG48-Light Commercial	38385 Hwy 30 Gonzales, LA 70737	Outfall 009	industrial stormwater runoff
208926	Repcon Inc - Gonzales Office	040404	Bayou Conway	LAG481068	Gen-LAG48-Light Commercial	38385 Hwy 30 Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
6	River Cement Sales Co - Burnside Facility	040403	Bayou Conway	LAG535404	Gen-LAG53-Sanitary Class I	39862 Hwy 942 Darrow, LA 70725	Outfall 001	treated sanitary wastewater
160159	Sorrento Carwash LLC	040404	Bayou Conway	LAG750714	Gen-LAG75-Exterior Vehicle Wash	8329 John Leblanc Blvd Sorrento, LA 70778	Outfall 001	wash waters
153413	Sorrento Town of - Orange Grove Subdivision - WWTP	040403	Bayou Conway	LAG570585	Gen-LAG57-Sanitary Class IV	42219 N City Parc Sorrento, LA 70778	outfall 001	treated sanitary wastewater
43268	Sorrento Town of - STP	040404	Bayou Conway	LAG570047	Gen-LAG57-Sanitary Class IV	W end of Bertrand St Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
71263	Speedy Junction #2	040404	Bayou Conway	LAG531816	Gen-LAG53-Sanitary Class I	7139 Hwy 22 Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
144891	Splash-N-Dash Carwash	040404	Bayou Conway	LAG750567	Gen-LAG75-Exterior Vehicle Wash	2425 S Burnside Ave Gonzales, LA 70737	Outfall 001	wash waters
37099	Super Stop Enterprises Inc - Sorrento Super Stop	040403	Bayou Conway	LAG481051	Gen-LAG48-Light Commercial	7140 Hwy 22 Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
529	Univar USA - Geismar Facility	040404	Bayou Conway	LAG531508	Gen-LAG53-Sanitary Class I	34200 Distribution Ln Geismar, LA 70734	Outfall 001	treated sanitary wastewater
94153	Waffle House #1528	040404	Bayou Conway	LAG531275	Gen-LAG53-Sanitary Class I	7172 Hwy 22 Sorrento, LA 70778	Outfall 001	treated sanitary wastewater
189599	Waguespack Rental Inc - Innovative Waste Systems	040404	Bayou Conway	LAG534661	Gen-LAG53-Sanitary Class I	2971 S St Landry Rd Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
189600	Waguespack Rental Inc - Innovative Waste Systems	040404	Bayou Conway	LAG534662	Gen-LAG53-Sanitary Class I	2981S St Landry Rd Gonzales, LA 70737	Outfall 001	treated sanitary wastewater
184081	Waguespack Rental Inc - Innovative Waste Systems	040404	Bayou Conway	LAG534306	Gen-LAG53-Sanitary Class I	2295 S St Landry Rd Gonzales, LA 70737	Outfall 001	treated sanitary wastewater

LDEQ ID No.	Facility Name	LDEQ Subsegment No.	Parish Sub-Watershed	LDEQ Permit No.	LDEQ Permit Type	Physical Address	Outfall No.	Outfall Wastewater Type
193271	Waguespack Rental Inc - Innovative Waste Systems	040404	Bayou Conway	LAG534896	Gen-LAG53-Sanitary Class I	3013 S St Landry Rd Gonzales, LA 70737	Outfall 001	treated sanitary wastewater

Table 8. WQ-1 Panama Canal Data Statistics

	BOD ₅ (mg/L)	BGA (ug/L)	Chloro- phyll (ug/L)	Chloride (mg/L)	Fecal (colonies/ 100 mL)	Total N (mg/L)	Total P (mg/L)	pH (SU)	Sulfate (mg/L)	TDS (mg/L)	Temp (°C)	Turbidity (mg/L)	DO (mg/L)
CURRENT DATA SET (2017-2018)													
Minimum	10	N/A	1.30	31	546	7	0.38	7	32	129	6	9	5
Maximum	14	N/A	5.88	34	1,727	8	0.49	8	39	512	15	88	9
Mean	12	N/A	4.12	32	1,137	8	0.44	N/A	36	307	10	28	7
Median	12	N/A	4.59	32	1,137	8	0.44	7	36	281	8	24	7
Variance	8	N/A	2.50	3	697,381	0.04	0.01	0.06	25	12,892	11	364	1.08
Standard Deviation	3	N/A	1.58	2	835	0.21	0.08	0.25	5	114	3	19	1.04
Standard Error	2	N/A	0.41	1	591	0.15	0.05	0.06	4	29	1	5	0.27
95% Confidence Interval	4	N/A	0.29	3	1,157	0.11	0.11	0.13	7	57	2	10	0.53
5th percentile	10	N/A	1.64	31	605	7.42	0.39	7.02	32	155	6	11	5.51
25th percentile	11	N/A	2.88	32	841	7.48	0.41	7.22	34	239	7	17	5.83
75th percentile	13	N/A	5.39	33	1,432	7.63	0.46	7.47	37	384	13	34	7.52
95th percentile	14	N/A	5.87	33	1,668	7.69	0.48	7.62	39	472	15	54	8.39
ALL DATA (2013 – 2018)													
Minimum	< 3	N/A	1.30	22	< 2	7	0.38	7	2	129	6	9	4
Maximum	14	N/A	5.88	56	1,727	8	0.49	9	63	512	30	88	9
Mean	< 7	N/A	4.12	36	< 235	8	0.44	N/A	35	297	14	28	7
Median	< 6	N/A	4.59	37	< 5	8	0.44	7	35	290	13	24	7
Variance	13	N/A	2.50	96	303,206	0.04	0.01	0.34	250	9,513	52	364	1.87
Standard Deviation	4	N/A	1.58	10	551	0.21	0.08	0.58	16	98	7	19	1.37
Standard Error	1	N/A	0.41	3	174	0.15	0.05	0.12	5	20	2	5	0.29
95% Confidence Interval	2	N/A	0.29	6	341	0.11	0.11	0.24	10	40	3	10	0.56
5th percentile	3	N/A	1.64	23	605	7.42	0.39	7.02	12	168	6	11	4.07
25th percentile	4	N/A	2.88	32	841	7.48	0.41	7.22	29	239	7	17	5.67
75th percentile	9	N/A	5.39	41	1,432	7.63	0.46	7.47	41	322	16	34	7.31
95th percentile	12	N/A	5.87	49	1,668	7.69	0.48	8.42	55	455	28	54	8.56

- While only a very limited data set was collected for nutrients and oxygen demanding parameters (TN, TP, and BOD₅) the numbers are consistent with previous data for BOD₅ and the nitrogen and phosphorus results demonstrate a consistent ratio in accordance with the narrative criteria.
- The data collected for DO and Temperature show an inverse relationship as would be expected for the continuous two-week period that the sonde was deployed. Both the new and complete data sets show that the variance and standard deviation are tight and low, indicating a good valid set of data. However, the data collected during the most recent effort was over a two-week period during the winter months, which does not provide enough data to determine if the waterbody is compliant with the more critical summer DO standard.
- TDS concentrations were much more varied utilizing continuous monitoring data from the sonde, with one sample above the standard. This is contrary to the previous data set where all grab sample data was well below the water quality standard.
- The chloride and sulfates levels remain evenly distributed with relatively low variance in the current data set, and below the standard.
- Because only a few fecal coliform samples were collected with varying results, variance and standard deviation are very high, which is expected with such a limited dataset. Both data points were also above the summer standard for fecal coliform which is contrary to all samples collected during the previous period where all samples were within the state standard for fecal coliform.
- pH values were within range during the period that the sonde was deployed.
- Temperature values are within the typical range for samples collected during the winter season and the statistics for the larger data set are normalized.
- TSS was not collected during the recent effort, however turbidity levels at this station are relatively low and within acceptable range and deviation.

ATTACHMENT C
HOUSEHOLD HAZARDOUS MATERIAL DAY
PROGRAM

Ascension Parish 2018

Household Hazardous Materials Collection Day

Saturday, June 2nd, 2018 from 9am till 1pm

Lamar- Dixon Expo Center --- 9039 St. Landry Rd. Gonzales

For Ascension Residents Only --- Must Have Valid ID

Accepting:

Automobile Tires
Car and Golf Cart Batteries
Cell Phones and Batteries
Electronic Equipment
Fluorescent Bulbs
Gasoline, Oil, Antifreeze
Home and Garden Chemicals

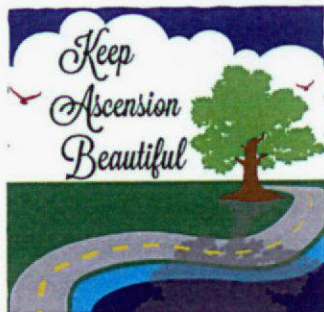
Household Batteries
Ink and Toner Cartridges
Latex and Oil Based Paints
Thinners and Varnishes
Scrap Metal—Small Quantities
Rechargeable Batteries
Televisions

Appliances (scrap metal)
Telephone Systems
Video Cameras (DVR's)
Computer Accessories
Xboxes, Play Stations, Wii
Fax Machines
Monitors, Printers

Not Accepting: explosives, radioactive materials, medical waste, asbestos, high school lab waste, commercial governmental facility waste, paper, magazines, newspaper, cardboard, aluminum cans, plastic and glass, hurricane debris or woody materials.

For More Info: Melissa Sullivan 225-450-1506 or Allene Burris 225-450-1267

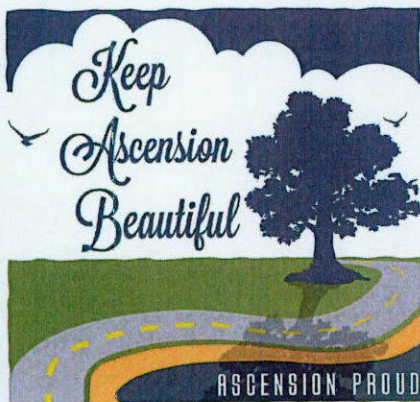
Sponsored by Ascension Parish Government, Louisiana DEQ, BASF, Walmart, Lowe's, Home Depot, Ascension Parish Sheriff Dept., Ascension Fire District 1, Allied Waste/Republic Services, Ascension Storage, Gonzales Fire Dept., Battery Doctor, Environmental Industries Recycling, Louisiana Scrap Metal Recycling, Lamar Dixon, Habitat for Humanity, Wally Tallion, Winn-Dixie, PSC and CACRC.



DON'T LITTER, *Keep it Clean*

ASCENSION PROUD | KEEP AMERICA BEAUTIFUL AFFILIATE

ATTACHMENT D
RECYCLING PROGRAM



RECYCLING CENTER



Hours of Operation:

Monday - Thursday: 7am - 4pm

Saturday: 9 am- 1 pm

Closed Fridays, Sundays, and all Holidays

Accepting:

Cardboard

Detergent, Cereal Boxes, 12 Pack Drink Cartons, All Flattened Cardboard No Size Limit

No Pizza Boxes, Waxed Plastic, or Foil Linings

Plastics

Food or Drink Containers with #1 thru #7 Inside The Triple Arrows, Household Cleaners, Bleach, Detergent, or Prescription Bottles

No Plastic Bags, Hangers, Caps, Lids, or 6 Pack Rings

Newspapers & Magazines

Catalogs, Paperback, & Phone Books

No Wet Paper, Rubber Bands, or Plastic Wrappings

Metal

Aluminum, Tin/Bimetal Cans & Metal Lids

No Non-Food Items, Aerosol Cans, or Hangers

Scrap Paper

Junk Mail, White Paper, or Envelopes

No Photo or Carbon Paper

Cartons

Milk Cartons or Juice Boxes

No Waxy Frozen Food or Take-Out Packing

No:

Plastic Bags, Glass, Household Garbage, Wood Waste, Yard Trimmings, Building Materials, Automobile Tires, Hazardous Items, Electronics, Batteries, Paint, Chemicals, Oil or Oil Filters, Soiled Papers Towels, Plates, Napkins

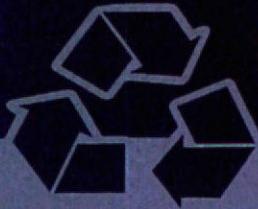
For Info: 225-450-1506

Recycling Center

42077 Church Point Road, Gonzales LA



RECYCLING CENTER



HOURS OF OPERATION

SATURDAY'S
9am - 1pm

EXCEPT HOLIDAYS
FOR INFO: 225-450-1506

yes

- **CARDBOARD**

DETERGENT OR CEREAL BOXES, 12 PACK DRINK CARTONS
ALL FLATTENED CARDBOARD NO SIZE LIMIT
NO PIZZA BOXES, WAXED, PLASTIC OR FOIL LININGS

- **NEWSPAPERS & MAGAZINES**

CATALOGS, PAPERBACK & PHONE BOOKS
NO WET PAPER, RUBBER BANDS OR PLASTIC WRAPPINGS

- **SCRAP PAPER**

JUNK MAIL, WHITE PAPER OR ENVELOPES
NO PHOTO OR CARBON PAPER

- **PLASTICS**

FOOD OR DRINK CONTAINERS WITH #1 THROUGH #7
INSIDE THE TRIPLE ARROWS, HOUSEHOLD CLEANER,
BLEACH, DETERGENT OR PRESCRIPTION BOTTLES
NO PLASTIC BAGS, HANGERS, CAPS OR LIDS, SIX-PACK
RINGS, OR CHEMICAL CONTAINERS

- **METAL**

ALUMINUM, TIN/BI-METAL CANS & METAL LIDS
NO NON-FOOD METAL ITEMS, AEROSOL CANS, HANGERS

- **CARTONS**

MILK CARTONS OR JUICE BOXES
NO MILKY, FROZEN-FOOD OR TAKE-OUT PACKAGING

no

PLASTIC BAGS • GLASS
HOUSEHOLD GARBAGE

WOODY WASTE • YARD TRIMMINGS
BUILDING MATERIALS

AUTOMOBILE TIRES • HAZARDOUS ITEMS

ELECTRONICS • BATTERIES • PAINT

CHEMICALS • OIL OR OIL FILTERS

SOILED PAPERS • TISSUES • DIAPERS

PAPER TOWELS • PLATES • NAPKINS

**RECYCLABLE
ONLY**

**NO
GARBAGE**

Ascension Parish Recycling Center

ATTACHMENT E
CHRISTMAS TREE DROP-OFF PROGRAM



Parish of Ascension

DEPARTMENT of COMMUNICATIONS

KENNY MATASSA
Parish President

FOR IMMEDIATE RELEASE

December 20, 2017

MEDIA CONTACT:

Contact: Martin McConnell

Email: mmcconnell@apgov.us

Phone: (225) 450-1138

Ascension Parish Christmas Tree Drop-Off Information

Ascension Parish President Kenny Matassa announced today parish government will hold a Christmas tree drop-off event from Thursday, December 28 through Friday, January 12, 2018 at the Lamar-Dixon Expo Center in Gonzales.

The expo center is located at 9039 St. Landry Road.

After parish residents enter the expo center's main gate on St. Landry Road, the drop off location will be the unpaved parking area on the left side as you enter the property. Signage will direct residents as they enter the property.

Parish officials said trees must not have any decorations or stands on them.

For more information call Melissa Sullivan at 225-450-1506.

ATTACHMENT F
SAMPLE BROCHURES/EDUCATIONAL
MATERIALS

National Flood Insurance Program

Top Ten Facts for Consumers

FEMA F-301 / December 2013



FEMA

Ten simple steps to help you Be Water Wise:

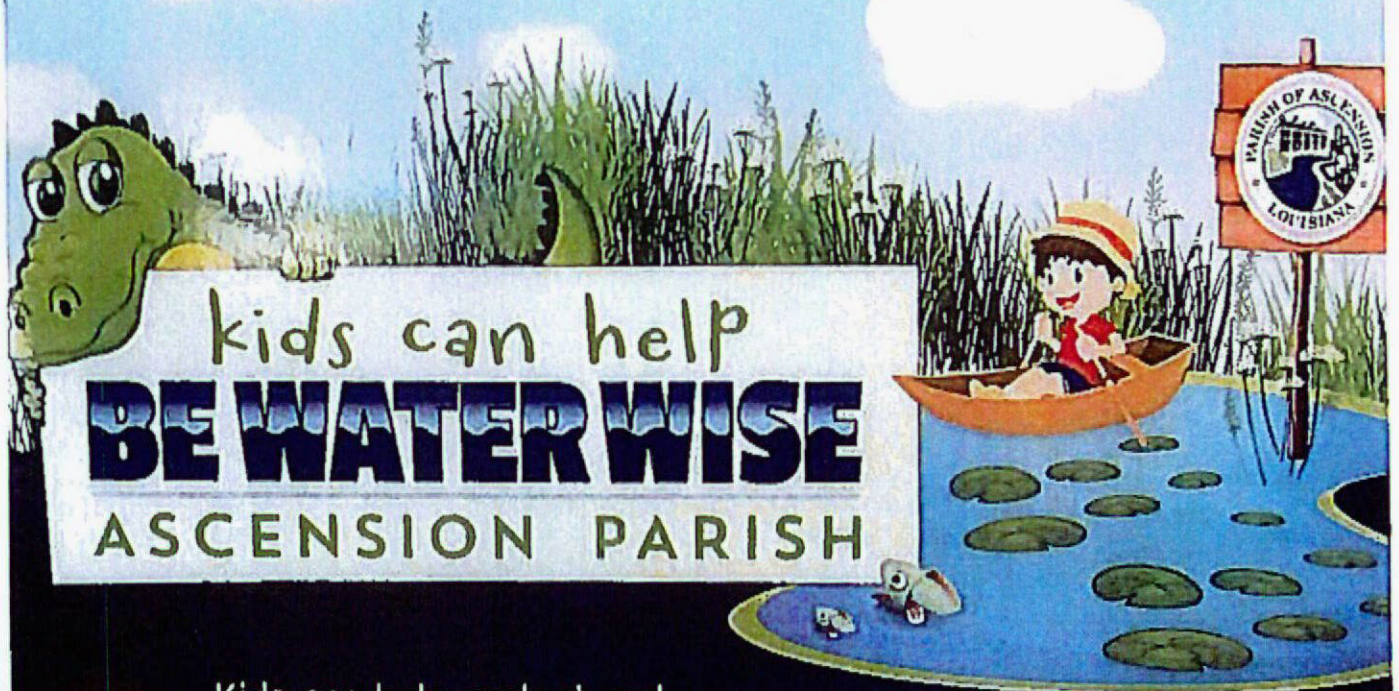
- 1 Keep contaminants and debris out of storm drains. Remember, "Only Rain in the Drain!"
- 2 Conserve water whenever possible.
- 3 Fertilize sparingly and carefully.
- 4 Clean up after your pet.
- 5 Practice good car care.
- 6 Carefully store or dispose of household cleaners, chemicals and oil.
- 7 Choose earth-friendly landscaping.
- 8 Prevent soil erosion.
- 9 Maintain your septic system.
- 10 No litter bayout, lakes or waterways.



Clean water starts with all of us. Do your part to Be Water Wise. For more information on protecting and improving water quality in Ascension Parish, visit www.ascensionparish.net/bewaterwise.



BE WATER WISE
ASCENSION PARISH



Kids can help protect and conserve water by changing the way your family, friends and classmates use it.

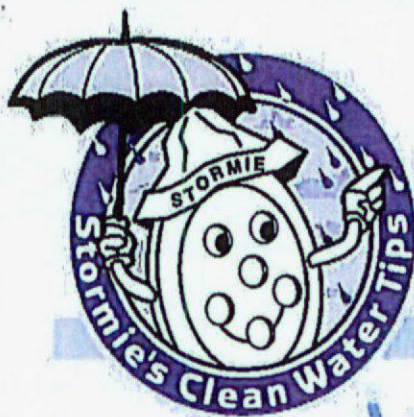


Be Water Wise with these simple steps:

- ① Turn off the water when brushing your teeth or washing your hands.
- ② When possible, take showers instead of baths.
- ③ Shorter showers save water and the energy needed to heat it.
- ④ Tell your parents about dripping faucets so they can be fixed.
- ⑤ Never put trash near a drain. Remember, "Only Rain goes in the Drain!"
- ⑥ Clean up after your pet.
- ⑦ Use a bucket instead of a hose when you wash bicycles or cars.
- ⑧ Clean sidewalks and driveways with a broom--not the water hose!
- ⑨ It's okay to play with the hose on a hot day, just remember to turn it off when you're done.
- ⑩ Don't be a litterbug! What you throw away can end up in your water!



Be Water Wise. For more ways to protect and improve water quality, visit www.ascensionparish.net/BeWaterWise.



Cleaning Up Stormwater Runoff

A SERIES OF WATER QUALITY FACT SHEETS ABOUT STORMWATER RUNOFF

What is stormwater runoff? It is the rain and melting snow that flows off streets, rooftops, lawns, and farmland. The flowing water carries salt, sand, soil, pesticides, fertilizers, leaves and grass clippings, oil, litter, and many other pollutants into nearby waterways. Since these pollutants are washed off a wide area and cannot be traced to a single source, they are called nonpoint source or runoff pollutants.

Storm Sewers – Rivers Beneath Our Feet

In developed areas, much of the land surface is covered by buildings and pavement which do not allow water to soak into the ground. Instead, storm sewers are used to carry the large amounts of runoff from these roofs and paved areas to nearby waterways.

Storm sewers are simply pipes laid underground, often below streets. Inlets or drains located along curbs and in parking areas collect the runoff, which then flows to nearby streams or lakes. A common misconception is that water running off streets goes into a sewage treatment plant. It does not. In fact, stormwater usually receives no treatment. Water that runs off lawns, streets, and parking lots flows directly into lakes and streams.

Stormwater is Not Clean Water

Stormwater runoff carries pollutants that seriously harm our waters:

Sediment. Soil particles washed off construction sites or farm fields into a lake or stream make the water cloudy or turbid. When sediment settles out of the water, it gradually fills in the stream or lake bed.

Phosphorus. This nutrient, often attached to soil particles, fuels the growth of algae and aquatic weeds. These plants are important in providing habitat for fish and wildlife. However, rapid and excessive growth of algae and aquatic plants can degrade water quality and interfere with swimming, boating and fishing.

Micro-organisms. Bacteria, viruses and other disease causing organisms make waterways unsafe for swimming, wading and other types of recreation. Some of these organisms, notably *Cryptosporidium*, are difficult to remove through water treatment and may endanger people who depend on drinking water supplies drawn from lakes or streams.

Toxic chemicals. Motor oil, lead from gas and auto exhaust, zinc from roof drains and tires, and pesticides in stormwater runoff may kill aquatic organisms or impair their health, growth or ability to reproduce.



Did you know that oil dumped into the storm sewer pollutes our water?

The Goals of Urban Stormwater Programs are to:

- Slow down water, decreasing its ability to cause erosion and carry pollutants.
- Reduce the amount of runoff by encouraging water to soak into ground.
- Prevent pollution by reducing the use of toxic chemicals, controlling erosion and by covering outdoor storage piles.
- Remove pollutants by routing runoff through settling ponds, grass filter strips or other treatment devices.

STORMWATER MANAGEMENT IS NOW THE LAW

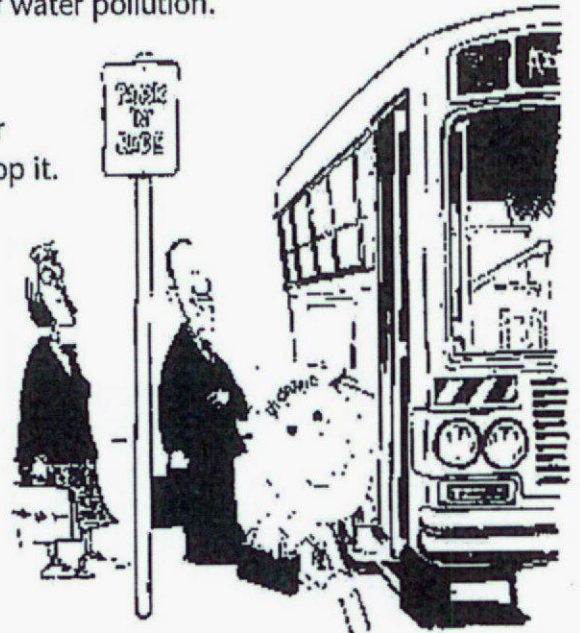
Federally mandated stormwater permits require many industries and cities to control stormwater runoff. Even communities without stormwater permits require erosion controls on construction sites and better stormwater management in new development.

Federal laws also require all farmers who participate in federal programs to develop farm conservation plans that help control cropland erosion, barnyard runoff and other sources of water pollution.

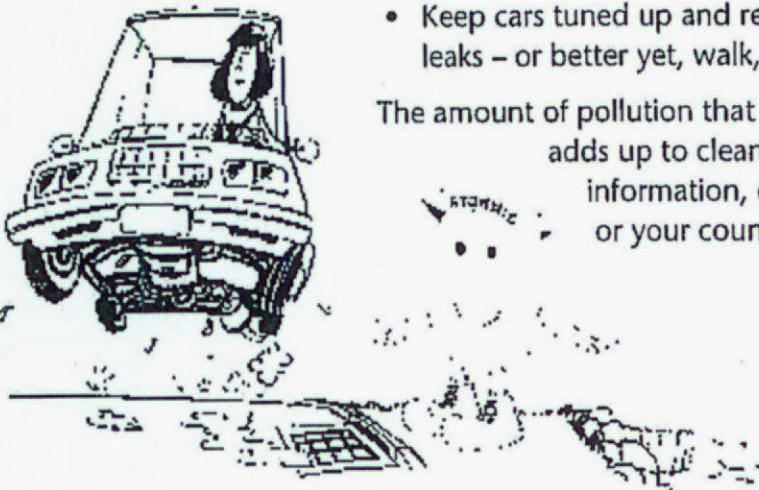
We Can All Help!

Each of us contributes to stormwater pollution and each of us can help stop it. Here are some ways you can help:

- Keep pesticides, oil, leaves and other pollutants off streets and out of storm drains.
- Divert roof water to lawns or gardens where it can safely soak in.
- Clean up pet waste – bury it or flush in down the toilet.
- Keep cars tuned up and repair leaks – or better yet, walk, bike or take the bus.



The amount of pollution that you stop may seem small, but together it all adds up to cleaner water for everyone to enjoy. For more information, contact the Department of Natural Resources or your county Extension or Land Conservation office.



Printed on recycled paper

GWQ016 Cleaning Up Stormwater Runoff

DNR WT-532-99

R-09-99-10M-20-S

This publication is available from county UW-Extension offices or from Extension Publications, 630 W. Mifflin St., Madison, WI 53703. (608) 262-3346.

A publication of the University of Wisconsin-Extension in cooperation with the Wisconsin Department of Natural Resources.

Author: Carolyn Johnson, UW-Extension.

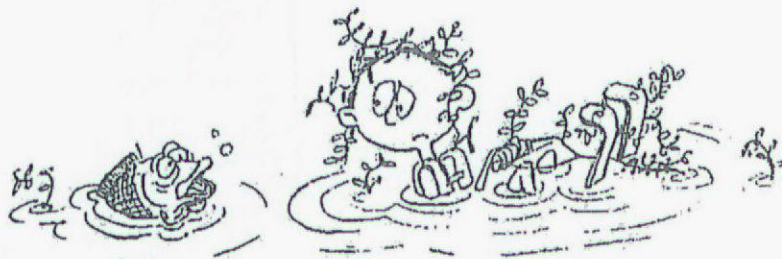
©1999 by the Board of Regents of the University of Wisconsin System. Send inquiries about copyright permission to: Director, Cooperative Extension Publications, 201 Hiram Smith Hall, 1545 Observatory Dr., Madison, WI 53706. University of Wisconsin-Extension is an EEO/Affirmative Action employer and provides equal opportunities in employment and programming, including Title IX and ADA requirements.

Editing and design by the Environmental Resources Center, University of Wisconsin-Extension.

**UW
Extension**



Brown Water, Green Weeds



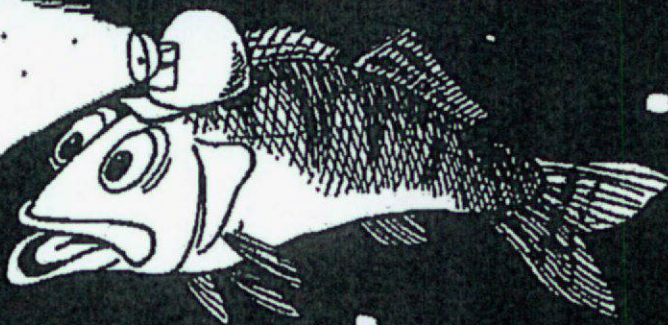
Familiar Signs of Runoff Pollution

Whenver rain falls or snow melts, water flows across farm fields and city streets and washes soil particles, pesticides, pet wastes, oil and other pollutants into lakes and streams. This process is called nonpoint source or runoff pollution. The symptoms of runoff pollution are all-too-familiar: weed-choked lakes, muddy rivers that flood frequently, and an over-abundance of carp in our favorite fishing holes. Sediments and nutrients cause many of the problems we see in streams and lakes.

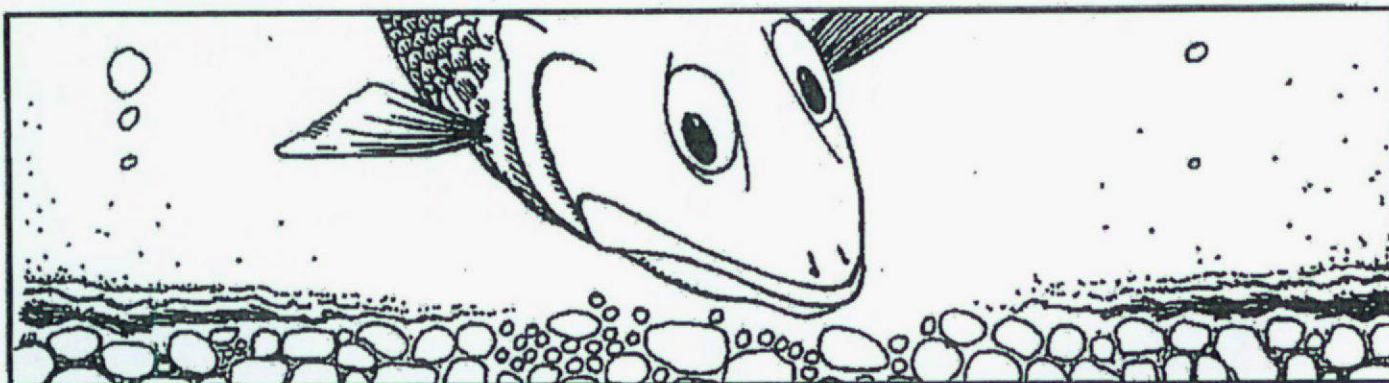
Sediments

Sediments are soil particles eroded from construction sites, streambanks and cropland. Sediments also include dirt, flakes of metal, and small pieces of broken pavement washed off city streets. When these particles reach lakes and streams they do more than turn the water brown.

- ▶ Sediments cause the water to become cloudy, or "turbid," making it difficult for fish to see and feed properly. Sediments can also damage fish gills and impair the feeding and breathing processes in aquatic insects that fish eat.

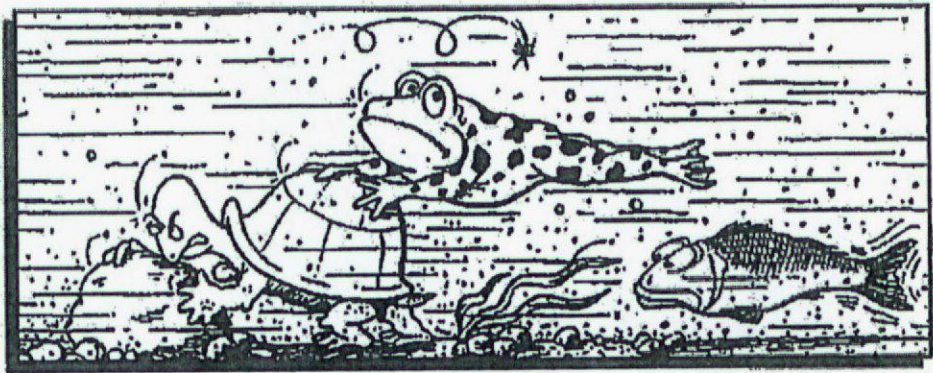


- ▶ Many fish and aquatic insects lay their eggs on gravel beds. When sediments are deposited on the stream bottom they cover this spawning habitat. They also destroy a stream's natural "riffle and pool" pattern, producing a slow-moving, muddy, less attractive stream.

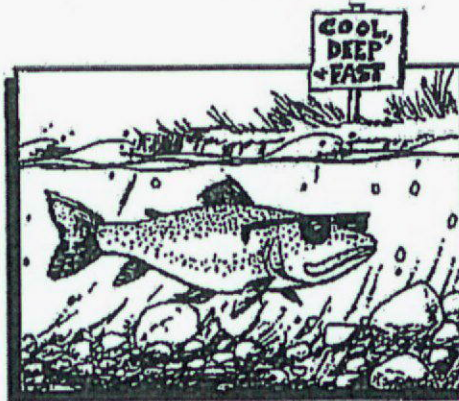


SEDIMENTS *continued*

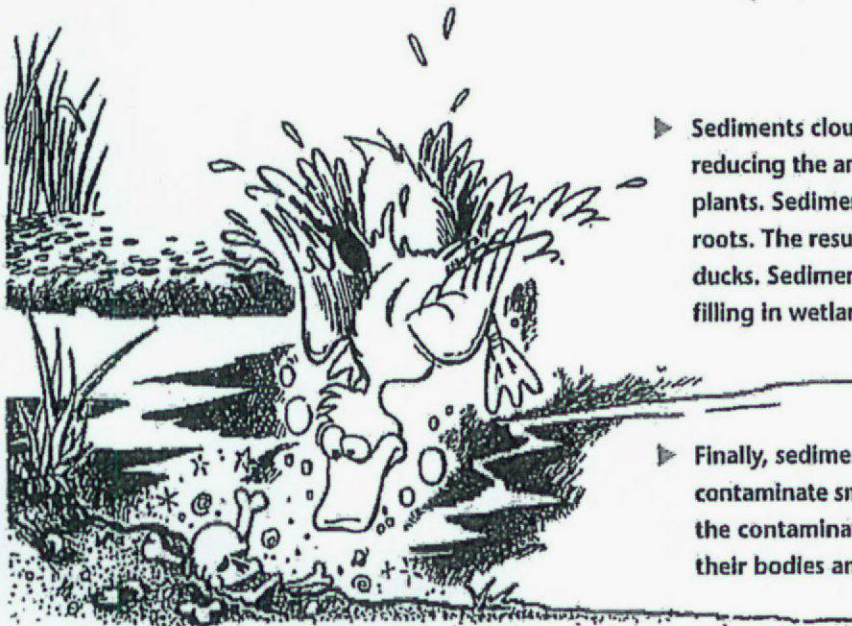
- Muddy or "murky" water contains millions of abrasive soil particles. In moving water these particles can "scour" aquatic plants and animals, removing them from their habitat.



- Sediment deposits cause streams to become shallower and wider, increasing flooding problems. The shallow water is also heated more efficiently by the sun. This causes water temperatures to rise. Over time, cold water fish such as trout are replaced by warm water fish such as carp.



- Sediments reduce visibility and increase the chances of propellers, rudders and keels running aground or hitting underwater hazards. Swimmers are also affected. Silted swimming areas are undesirable and can be dangerous if deep holes are filled with loose sediment.

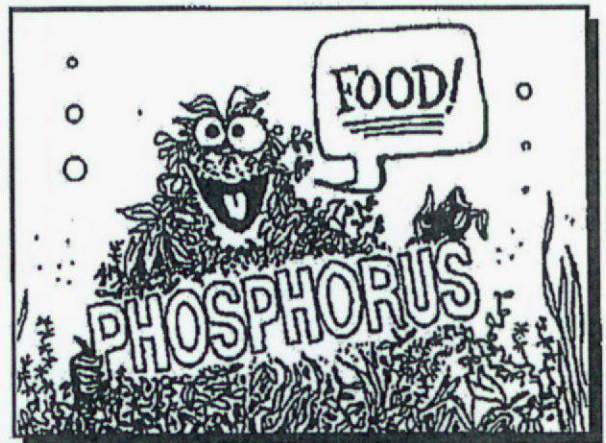


- Sediments cloud the water and cover plant leaves, reducing the amount of sunlight reaching desirable aquatic plants. Sediments also create soft, unstable beds for plant roots. The result is a decrease in food plants available to ducks. Sediment deposits also harm duck populations by filling in wetlands used for breeding.
- Finally, sediments carry and store toxic materials that can contaminate small organisms. When fish and waterfowl eat the contaminated organisms, the toxins can accumulate in their bodies and cause illnesses, birth defects and death.

NUTRIENTS

Nutrients such as phosphorus and nitrogen come from sediments, manure, pet wastes, improperly maintained septic systems and misapplications of fertilizers on lawns or farm fields. When these nutrients reach our lakes and streams they do more than just turn the water green.

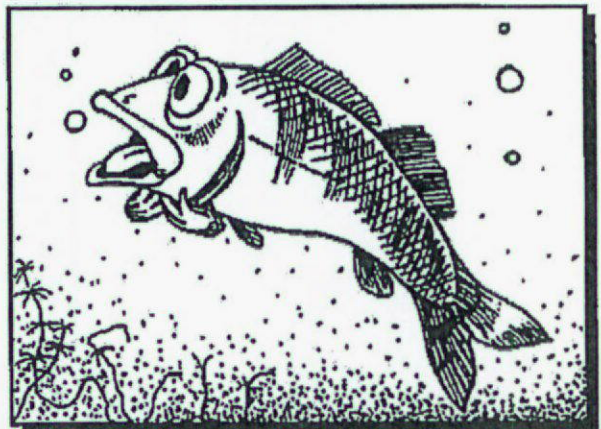
- ▶ Phosphorus contributes to the eutrophication or over-fertilization of lakes. This leads to an increase in undesirable weed and algae growth. Excess weeds and algae are harmful to fish and make a lake less attractive for swimming, boating, and other activities.



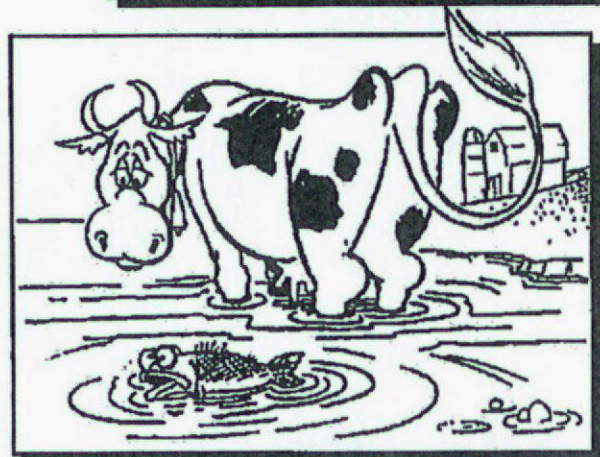
- ▶ Excess algae can reduce populations of bottom-rooted plants by blocking sunlight. Bottom-rooted plants provide food and habitat for fish and waterfowl.



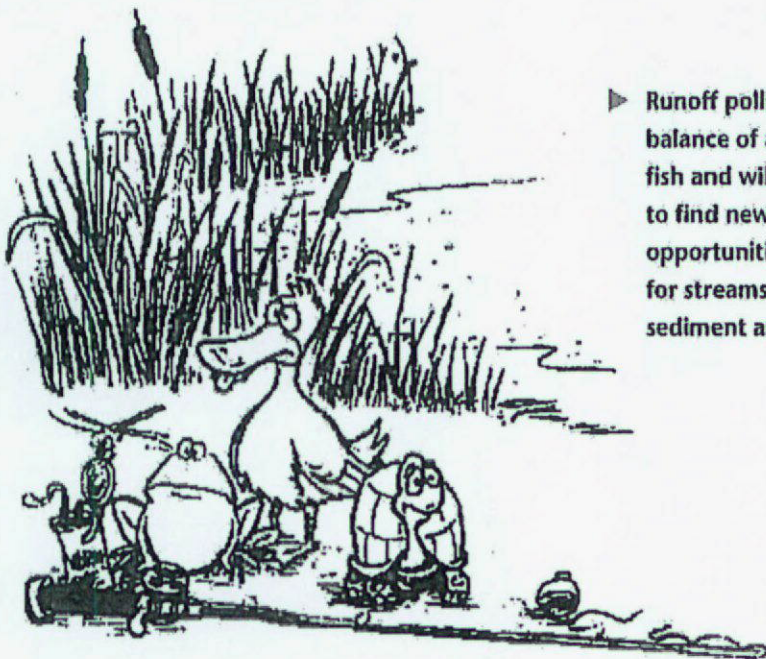
- ▶ When algae and aquatic weeds die they are broken down by bacteria. Bacteria consume oxygen during the decomposition process and make it difficult for fish and other aquatic life to survive. Excess weeds and reduced oxygen levels also contribute to winter fish kills in shallow lakes.



- ▶ When organic materials such as manure, pet wastes, leaves and grass clippings enter a lake or stream they are broken down by bacteria. The decomposition process reduces oxygen levels in the water and may release ammonia. Low oxygen levels and ammonia combined with warm temperatures can kill fish.

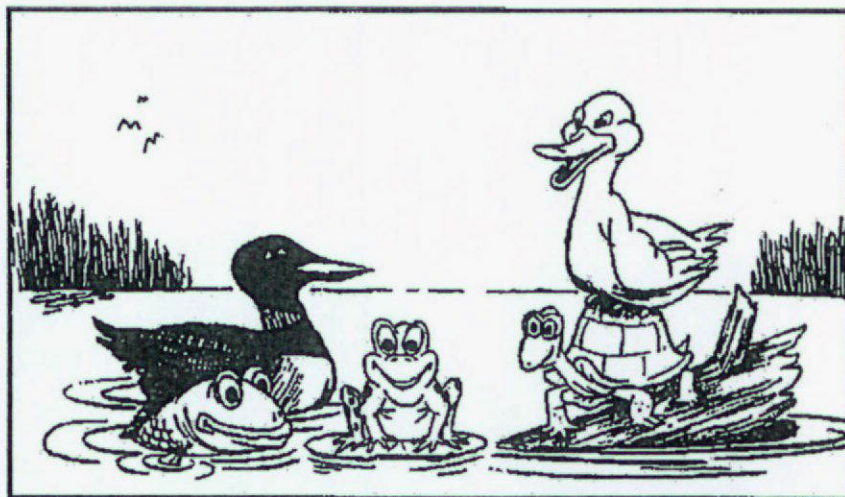


HELPING OUT



- ▶ Runoff pollution upsets the delicate balance of aquatic communities, forces fish and wildlife that require clean water to find new homes, and ruins recreational opportunities. But we don't have to settle for streams and lakes that are brown with sediment and green with algae...

- ▶ Individuals and communities can take steps to improve water quality. If your favorite lake or stream is not as productive or beautiful as it once was, maybe it is suffering from runoff pollution. For more information about runoff pollution and what you can do to prevent it, contact your county University of Wisconsin-Extension office, Land Conservation Department, or the Department of Natural Resources.



For local information, contact:



Printed on
recycled paper

GWQ003
Brown Water, Green Weeds
DNR WT-459-92
R-01-01-6M-25-S

Material reproduced with permission from the University of Wisconsin-Extension and the Wisconsin Department of Natural Resources.



BE WATER WISE
ASCENSION PARISH

ATTACHMENT G
INMATE LITTER PICKUP DOCUMENTATION

**2018 Inmate Litter Pickup Summary (April - December)
for Ascension Parish**

Month	# Bags	Estimated Volume (Cubic Feet) ¹
Apr-18	745	4,172
May-18	462	2,587
Jun-18	540	3,024
Jul-18	614	3,438
Aug-18	781	4,374
Sep-18	934	5,230
Oct-18	892	4,995
Nov-18	231	1,294
Dec-18	442	2,475
Totals	5,641	31,590

¹ Bags hold approximately 5.6 cubic feet of trash, assuming they are filled 75%.

Inmate Litter Crew

4/16/2018 80 bags of litter was picked up on Hwy 61
4/17/2018 84 Bags of litter was picked up on Hwy 61
4/18/2018 82 Bags of litter was picked up on Hwy61
4/19/2018 84 Bags of litter was picked up on Hwy 61
4/20/2018 85 Bags of litter was picked up on Hwy 61
4/23/2018 64 Bags of litter was picked up on Hwy 61 1 /worked 1/2 day
4/24/2018 62 Bags of litter was picked up on Hwy 61 1 /worked 1/2 day
4/25/2018 102 Bags of Litter was picked up on Hwy 61 2 1/2 miles of RD
4/26/2018 102 Bags of litter picked up on Hwy 61 1 1/2 miles of RD

4/23/2018 the 30yard litter dumpster was exchanged out By Republic

Estamate of cost for 2 Deputies, and a crew of 8 Inmates , and 2 Vehicles

Based on a 8 Hour day 5 days a week is \$ 5,972.80 Estamated on what we pay Inmate

Labor crew Deputy -\$25.61 Hr. Inmate \$7.40 Hr, Truck \$ 19.45 Hr. . Based on Cartegraph

Doe's not include doposal of bags and cost of bags

Total of 745 Bags of litter picked up on Hwy 61 as of 2:00 Pm 4/26/2018

Litter picked up month of May /June

5/8/2018 226 Bags of litter was picked up by the Probations Officers
5/9/2018 DPW crews picked up those bags .
5/19 and 5/20/2018 236 Bags of litter was picked up By Probations Officers
5/23/2018 DPW crews picked those bags up
6/6/2018 DPW crew picked up App 20 Bags on Airport Dr off Summerfield RD
6/5/2018 Inmate litter crew Started they picked up 38 Bags of litter on Alligator Bayou rd
6/6/2018 Inmate litter crew picked up 164 Bags of litter on Bishopwoods rd
6/7/2018 Inmate litter crews started picking up Hwy 22 From the Livingston Parish line
as of 6/11/2018 they picked up 318 Bags of litter and are still working Hwy 22

1,007 Bags of litter have been picked up as per 5/8/2018 to 6/11/2018

INMATE LITTER CREW				OFFICERS						
DATE		LOCATION		#OF TRUSTEES	#OF BAGS PICKED UP		MILAGE	complete		
7/2/2018		Bluff Rd		6	73		1.4	7/2/2018		
7/2/2018		Brown RD		6	30		0.6	7/2/2018		
7/3/2018		Brown Jr. Rd/ Pauline st		6	28		0.1	7/3/2018		
7/3/2018		Jessica St		6	5		0.8	7/3/2018		
7/3/2018		Eldon St		6	6		0.1	7/3/2018		
7/3/2018		Craig st		6	6		0.2	7/3/2018		
7/3/2018		Stanly st		6	5		0.1	7/3/2018		
7/9/2018 thru 7/12/2018 Officer Webb was on Vacation										
7/16/2018		Chick Duplessis Rd		3	16		0.5	7/16/2018		
7/16/2018		Norwood Rd		3	88		2	7/17/2018		
7/17/2018		Paul Rd		4	16		0.6	7/17/2018		
7/17/2018		Pertuis Rd		4	25		0.5	7/18/2018		
7/18/2018		Melancon Rd		4	39		0.8	7/18/2018		
7/18/2018		Split Log RD		4	11		0.6	7/18/2018		
7/18/2018		Sam Martin rd		4	20		0.4	7/18/2018		
7/18/2018		Rogers A rd		4	5		0.3	7/18/2018		
7/19/2018		Germany Rd		6	110		2	7/23/2018		
7/23/2018		Ernest Floyd Rd		2	66		1.4	7/24/2018		
7/24/2018		Raymond Tullier Rd		3	65		0.8	7/24/2018		
7/25/2018		Louis White Rd		2	371		0.8	7/30/2018		
				total	614					

August :1, thru August 16 ,2018

		INMATE LITTER CREW				OFFICERS						
DATE	Task #		LOCATION			#OF TRUSTEES	#OF BAGS PICKED UP				MILAGE	Complete
8/1/2018	125981		Airline Hwy			4	56				1.6	
8/2/2018	125981		Airline Hwy			4	90				2	
8/6/2018	128755		Bishopwoods rd			3	164				1.8	complete
8/7/2018	129439		Leola Carter rd			3	87				0.3	
8/8/2018	129439		Leola Carter rd			2	84				0.1	complete
8/9/2018	Deputy Webb will be off due to Personnal Buisness											
8/13/2018	128637		Ridge Rd			3	27				1.7	complete
8/13/2018	130431		Hwy 42			3	15				0.8	complete
8/14/2018	128634		Manchac Acres rd			4	35				1.9	complete
8/15/2018	128635		David DR			4	3				0.6	complete
8/15/2018	130977		Broussard Rd			4	15				0.7	complete
8/15/2018	130978		Fabacher Rd			4	2				0.3	complete
8/15/2018	128636		Camp dr			4	35				1.9	complete
8/16/2018	Deputy Webb Has Class all day											

August 2 20, Thru August ,23,2018

INMATE LITTER CREW				OFFICERS						
DATE	Task #		LOCATION		#OF TRUSTEES	#OF BAGS PICKED UP		MILAGE	Complete	
8/20/2018	130981		Moody Dixon RD		4	25		1.8	8/20/2018	
8/21/2018	130979		Joe Sevario rd		4	68		3.3	8/21/2018	
8/22/2018	131229		John Broussard Rd		4	27		1.2	8/22/2018	
8//22/2018	131393		Hwy 931		4	48		1.7	8/22/2018	
8/23/2018	Mis. Work on Yard/ replace tires on Sheriff truck									
					Total Bags	168				

SEPTEMBER 10, THUR SEPTEMBER 27 2018

		INMATE LITTER CREW				OFFICERS					
DATE	Task #		LOCATION			#OF TRUSTEES	#OF BAGS PICKED UP		MILAGE	Complete	
9/10/2018	132389		WEBER CITY RD			5	80		1.9	9/10/2018	
9/11/2018	134482		Hwy 621			6	72		2.4		
9/12/2018	134482		Hwy 621			5	73		1.5	9/12/2018	
9/13/2018	131505		Hwy 621			4	70		0.2	9/13/2018	
9/17/2018	131504		Tiggy Duplessis Rd			4	29		0.9	9/17/2018	
9/17/2018	135618		Edenborne Parkway			4	39		0.8		
9/18/2018	135618		Edenborne Parkway			5	31		1.2	9/18/2018	
9/18/2018	135965		S. St Landy Rd			5	54		1.7	9/18/2018	
9/19/2018	135606		Cornerview Rd			3	69		2.3		
Sep-18	135606		Cornerview Rd			5	82		2.2	9/20/2018	
9/24/2018	125981		Hwy 61			5	67		2.2		
9/25/2018	125981		Hwy61			4	84		3.6		
9/26/2018	125981		Hwy 61			4	57		1.7	working	
9/27/2018			Boyce Tower Rd			7	127		.9/ tires		
	</										

Oct. 1 Thru Oct. 31 2018

INMATE LITTER CREW				OFFICERS						
DATE	Task #		LOCATION		#OF TRUSTEES	#OF BAGS PICKED UP		MILAGE	Complete	
10/1/2018	125981		Hwy 61		5	47		1.1		
10/2/2018	137227		Boyce Tower Rd		4	103 tires				
10/3/2018	136829		Kling rd		4	71		1.5	10/3/2018	
10/4/2018	137227		Boyce Tower Rd		4	29 tires			10/4/2018	
10/4/2018	135607		Hwy 22		4	29		1.4		
10/8/2018	135607		Hwy 22		5	42		0.8	10/8/2018	
10/8/2018	125981		Hwy 61		5	38		2.3		
10/9/2018	125981		Hwy 61		4	91		1.8		
10/10/18	125981		Hwy 61		5	69		1.7		
10/15/18	125981		Hwy61		4	47		0.7		
10/16/2018	137687		CambrePlace Subd.		5	68		0.7	10/16/2018	
10/17/2018	125981		Hwy 61		5	53		0.8		
10/18/2018	125981		Hwy 61		5	64		1.2	10/18/2018	
10/22/2018	137667		Roddy Rd		5	67		1.2		
10/23/2018	Rained									
10/24/2018	137667		Roddy Rd		4	72		1.6	10/24/2018	
10/29/2018	137566		Braud Rd		4	63		2		
10/31/2018	137566		Braud Rd		4	71		1.5	10/31/2018	
					Total Bags	892	Tires 132			

NOVEMBER 1 THRU NOVEMBER 29 2018

		INMATE LITTER CREW				OFFICERS						
DATE	Task #		LOCATION			#OF TRUSTEES	#OF BAGS PICKED UP			MILAGE	Complete	
11/1/2018			rain out									
11/5/2018	137543		Merritt Evans Rd			2	11			0.5		
11/6/2018			Maintance on porta potty									
11/7/2018	137543		Merritt Evans Rd			4	33			1.5		
11/8/2018			Lance Funeral leave									
11/12/2018			Holiday									
11/13/2018			Truck in shop/Maintance port-a-potty									
11/14/2018	137666		Devall Rd			3	12			0.6	11/14/2018	
11/14/2018	138575		Bishopwoods Rd			3	40			0.3		
Nov-18	138575		Bishopwoods Rd			4	82			0.7	11/15/2018	
11/19/2018	138436		Cornerview Rd									
11/26/2018	OFF											
11/27/2018	138436		Cornerview Rd			7	28			0.5		
11/28/2018	138436		Cornerview Rd			7	25			0.7		
11/29/2018	138436		Cornerview RD			7	36			0.6		
		Cornerview cont. 12/3/2018										
						Total Bags	231					

DECEMBER 1 Thru DECEMBER 31 2018

INMATE LITTER CREW				OFFICERS						
DATE	Task #		LOCATION		#OF TRUSTEES	#OF BAGS PICKED UP		MILAGE	Complete	
12/3/2018	138436		Cornervi Rd		5	5		0.2	12/3/2018	
12/3/2018	139029		Airline Hwy		5	42		0.8		
12/3/2018	139026		Hwy 74		5	15		0.3	12/3/2018	
12/4/2018	139029		Airline Hwy		6	96		2.2		
12/5/2018	139029		Airline Hwy		6	116		2.1		
12/6/2018	139253		Park Ave		6	15		0.1	12/6/2018	
12/6/2018	139283		Coco Rd		6	26		0.5	12/6/2018	
12/10/2018			Duptuy Webb out							
12/11/2018			Deptuy Webb Out							
Dec-18			Deptuy Webb Out							
12/13/2018			Deptuy Webb Out							
12/17/2018			Inmate Christmas party							
12/18/2018	138437	HWY 931			6	85		2.2		
12/19/2018	138437	Hwy 931			5	42		0.7	12/19/2018	
12/23/2018		Vac Day								
12/24/2018		Holiday								
12/25/2018		Holiday								
12/26/2018		Vac Day								
12/27/2018		Vac Day								
12/30/2018		Vac Day								
12/31/2018		Holiday								
					Total Bags	442				

ATTACHMENT H
EXAMPLE “YOURGOV” DOCUMENTATION

Custom Report

WaterwayWorkSummary

		1	/ 1				
--	--	---	-----	--	--	--	--

Report parameters

FromDate

1/1/2018

ThroughDate

12/31/2018

Department

Select...

Apply

Completed Waterway/Ditch Work

From: 1/1/2018 Through 12/31/2018

Department(s)

Animal Control, Capital Improvement Management, Drainage Management, Equipment Management, Inspections, Maintenance, Non-Parish, OHSEP, Pavement Management, Public Utilities Water, Stormwater, Utilities ACUD1-Sewer, Utilities ACUD1-Water, Utilities ACUD2-Sewer, Utilities ACUD2-W

Total Number of Tasks	Miles	Man Hours	Labor Cost	Equip. Cost	Material Cost	Other Cost	Total Cost
Number of Tasks = 1302	849.16	17348.45	\$293,528.85	\$487,006.01	\$3,543.90	\$0.00	\$784,078.76

Activities	Miles	Man Hours	Labor Cost	Equip. Cost	Material Cost	Other Cost	Total Cost
Activity: 602 Clean Ditches / Maintenance							
Number of Tasks = 17	7.04	2083.00	\$38,512.60	\$60,141.24	\$0.00	\$0.00	\$98,653.84
Activity: 608 Dig Out Existing Waterway							
Number of Tasks = 44	20.11	6188.15	\$112,053.45	\$201,51...	\$30.00	\$0.00	\$313,601...
Activity: 613 Riprap							
Number of Tasks = 4	7.76	140.00	\$2,820.80	\$5,400.50	\$0.00	\$0.00	\$8,221.30
Activity: 620 Remove Obstruction from Waterway							
Number of Tasks = 2	0.64	96.00	\$1,461.00	\$2,240.70	\$0.00	\$0.00	\$3,701.70
Activity: 628 Dress-Up/Property Restoration							
Number of Tasks = 3	0.61	106.00	\$1,645.08	\$2,976.70	\$0.00	\$0.00	\$4,621.78
Activity: 703 Cut Grass/Weed in Waterway							
Number of Tasks = 1004	673.03	5562.98	\$92,905.67	\$188,97...	\$1,360.67	\$0.00	\$283,245...
Activity: 704 Hand-Clean Waterway							
Number of Tasks = 109	43.07	2628.00	\$35,397.91	\$13,158.75	\$30.00	\$0.00	\$48,586.66
Activity: 709 Debris Removal from Ditches							
Number of Tasks = 1	0.23	5.00	\$115.05	\$325.00	\$0.00	\$0.00	\$440.05
Activity: 716 Spray Waterway							
Number of Tasks = 118	96.66	539.32	\$8,617.29	\$12,266.34	\$2,123.23	\$0.00	\$23,006.86

			7	/13					
--	--	--	---	-----	--	--	--	--	--

Report parameters

Select Department

Select...

Tasks

Select...

Apply

OPEN YOURGOV REQUEST

3/3/2019

Requester Contact Information			
Lane Stout		225-229-6189	lane.stout@gmail.com
ID	Entry Date	Entered By	Owner
14067	12/25/2018	Open311	
Issue: Culvert stopped up			Tasks = No
Basic Location:		Bayou Narcisse Rd	
Locator Info:			
Please clean out or replace culvert with larger one. It gets packed with mud and debris from mowing machines when cutting roadside ditch bank. This stoppage holds water on five neighboring properties after rains, Regards, Lane			
43394 Bayou Narcisse Rd, Gonzales, LA 70737, USA			
Requester Contact Information			
Lane Stout		225-229-6189	lane.stout@gmail.com
ID	Entry Date	Entered By	Owner
14074	12/27/2018	Open311	
Issue: Roadside Ditch Maintenance			Tasks = No
Basic Location:		Sumter Dr	
Locator Info:			
Property holds too much water after light rain. Ditches overflow instead of drain causing water to accumulate on property. Been complaining for a few years but problem has never been resolved.			
17073 Sumter Dr S			
Requester Contact Information			
Tina Boccanfuso		504-377-2590	teenmarine01@yahoo.c...
ID	Entry Date	Entered By	Owner
14086	12/27/2018	Open311	
Issue: Storm Drain - Clean/Maintenance			Tasks = No
Basic Location:		Hwy 621	
Locator Info:			
Water is backing up in the storm drain and rising on hwy 621 on the north side (opposite of Eads Rd)			
37108 LA-621, Prairieville, LA 70769, USA			
Requester Contact Information			
Anonymous Requester			

1

/ 52+

Report parameters

FromDate

01/01/2018

ThroughDate

12/31/2018

Apply

East Ascension Drainage Report

Tasks Completed		
From	Through	
1/1/2018	12/31/2018	
Activity	Tasks	
104 Investigate		1
109 ROW Verification		190
1112 Project Management		1
1129 Final Inspection		1
122 Research		1
205 Misc. Work on Yard		1
223 Parks and Trees		1
301 Vac Truck - Clean blow/vac Culverts		254
311 Move Riprap		5
313 Move Trash		12
314 Move Trees		39
454 Pump Station Major Maintenance		3
503 Sinkhole Repair - Off-Road		107
505 Removal of road obstruction		1
601 Bury Animal		36
602 Clean Ditches / Maintenance		336
603 Culvert or Crossing Repair / Replace		24
604 Culvert or Crossing, Set New		14
605 Dig Ditches / Project		1
608 Dig Out Existing Waterway		54
610 DPW-Clean Culverts		1
612 Grading		1
613 Riprap		9
620 Remove Obstruction from Waterway		5
628 Dress-Up/Property Restoration		1
704 Hand-Clean Waterway		24
709 Debris Removal from Ditches		10
9003 Replace		1
ENG-Culvert Sizing		11

Custom Report

Storm Channels Report

1

/ 20+

Storm Channels Report

		undetermined Bank
undetermined channels total =	0.00 Miles	
Bank total =		0.00 Miles
(space)		
(Mississippi River)		Both Bank
Stream or River channels total =	22.37 Miles	
Mississippi River Bank total =		22.37 Miles
(space)		
		East Bank
undetermined channels total =	86.59 Miles	
Artificial Path channels total =	14.73 Miles	
Canal or Bayou channels total =	134.83 Miles	
Ditch or Swale channels total =	407.04 Miles	
Stream or River channels total =	239.10 Miles	
East Bank total =		882.30 Miles
(space)		
		West Bank
undetermined channels total =	5.36 Miles	
Canal or Bayou channels total =	72.10 Miles	
Ditch or Swale channels total =	210.00 Miles	
Stream or River channels total =	26.55 Miles	
Underground Piping channels total =	42.77 Miles	
West Bank total =		356.78 Miles
(space)		
Total Storm Channels		1261.45 Miles

ATTACHMENT I
SMALL MS4 ANNUAL REPORT FORM

Small MS4 Annual Report Form

Please refer to the attached instructions as you prepare your annual report.

A. General Information

Name of MS4: Parish of Ascension

Contact Name: Malcolm "Mac" Sayes, P.E., Stormwater Compliance Engineer

Telephone Number: (225) 450-1319 Email Address: msayes@apgov.us

Annual Report Period: January 1, 2018 through December 31, 2018

B. SWMP Modifications and Additional Information. Attach a written explanation if you check "yes" to any of the following statements.

- | | | |
|---|---|--|
| 1. Changes have been made or are proposed to the SWMP since the last annual report. | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| 2. The MS4 area has expanded through the annexation of lands or the urbanized area has expanded based on the most recent US Census. | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> |
| 3. The MS4 discharges directly to an impaired water (i.e. Category 5 on the Integrated Report). | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| 4. The MS4 discharges directly to water for which a TMDL has been established. | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| 5. A TMDL has provided a Waste Load Allocation (WLA) to the MS4. | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| 6. The MS4 has conducted analytical monitoring of stormwater quality. | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/> |
| 7. The MS4 is relying on another government entity to satisfy some permit obligations. | YES <input type="checkbox"/> | NO <input checked="" type="checkbox"/> |

C. Stormwater Management Program Status. Provide the status of every BMP and measurable goal in your SWMP as described in the instructions.

TABLE 1

Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Public Education and Outreach	WWT Unit Brochures in Public Places	Distribute at least 20 Brochures to the Public	Revised	12-2013	In Progress.
Public Education and Outreach	Proper Fertilizer Use Brochures in Public Places	Distribute at least 20 Brochures to the Public	Revised	12-2013	In Progress.
Public Education and Outreach	Website Information	Website visited by at least 100 citizens	Revised	12-2013	In Progress.
Public Education and Outreach	Public Display Booth Focused on MS4 Program	Distribute at least 20 Brochures to the Public	Revised	12-2013	In Progress.
Public Education and Outreach	Contractor Construction Runoff Package Distribution	Distribute to Every Contractor as Part of Every Parish Construction Permit and Available on Website	Revised	12-2013	Ongoing.
Public Education and Outreach	Litter Pickup	Pickup at least 35,000 cubic feet of litter per year	Revised	12-2013	Ongoing.
Public Involvement/Participation	Comply with Public Meeting Laws	Comply with all State Open Meeting Laws	Revised	12-2013	Ongoing.
Public Involvement/Participation	Comply with State and Local Public Notice Requirements	Upload Pertinent Elements of MS4 Permit Program (NOI, Annual Report, SWMP Plan, MS4 Permit, etc.) to Website	Revised	12-2013	In Progress.
Public Involvement/Participation	Community Cleanup Events	Work with Keep Ascension Beautiful to Conduct at Least Two Events Per Year	Revised	12-2013	Ongoing.
Public Involvement/Participation	Storm Drain Stenciling	Stencil 25 Storm Drains Per Year	Revised	12-2013	In Progress.
Public Involvement/Participation	Public Display Booth Focused on MS4 Program	Distribute at least 20 Brochures to the Public	Revised	12-2013	In Progress.
Public Involvement/Participation	Incorporate a Feedback Mechanism into Website	Document All Feedback and Responses from Website for Annual Report	Revised	12-2013	In Progress.

Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Illicit Discharge Detection and Elimination	Outfall Mapping	Incorporate GIS Layers with MS4 system, Receiving Streams and Permitted Dischargers (Especially WWTPs)	Revised	12-2013	In Progress.
Illicit Discharge Detection and Elimination	Adoption of Stormwater Management Ordinance	Review Existing Ordinances to Ensure Adequacy	Revised	12-2013	Completed.
Illicit Discharge Detection and Elimination	Address Categories of Non-Stormwater Discharges	Review and Update the Non-Stormwater Discharge List on an Annual Basis	Revised	12-2013	In Progress.
Illicit Discharge Detection and Elimination	Perform Visual Surveillance	Conduct Visual Inspections on a Quarterly Basis	Revised	12-2013	In Progress.
Illicit Discharge Detection and Elimination	Develop Storm Water Inspection Prioritization Plan	Incorporate Prioritization Plan into SWMP Plan in 2019	Revised	12-2013	In Progress.
Illicit Discharge Detection and Elimination	Develop Illicit Discharge Brochures for Distribution	Distribute at least 20 Brochures to the Public	Revised	12-2013	In Progress.
Construction Site Stormwater Runoff Control	Review Current Ordinance for Fee Schedule Adequacy	Determine if Current Fee Schedule is Adequate for SWPPP Reviews, Inspections and Maintenance	Revised	12-2013	In Progress.
Construction Site Stormwater Runoff Control	Evaluate Current In-House Construction Plan/SWPPP Review Practices	Determine if Current Practices Need Revisions	Revised	12-2013	In Progress.
Construction Site Stormwater Runoff Control	Conduct Reviews of Construction Plan and SWPPPs	Review 100% of All Construction Plans and SWPPPs for Adequacy	Revised	12-2013	In Progress.
Construction Site Stormwater Runoff Control	Conduct Stormwater Inspections of Construction Sites	Conduct at Least One Inspection per Week	Revised	12-2013	In Progress.

Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Post-Construction Stormwater Management	Review Applicable Ordinances	Conduct Ordinance Review	Revised	12-2013	Completed.
Post-Construction Stormwater Management	Conduct Stormwater Inspections of Newly Developed and Re-Developed Sites	Conduct at Least One Inspection per Week	Revised	12-2013	In Progress.
Post-Construction Stormwater Management	Develop an Asset Management Program for Municipal Stormwater Assets	Develop Asset Management Program	Revised	12-2013	Completed.
Pollution Prevention and Good Housekeeping for Municipal Operations	Develop Training Program for Relevant Employees	Train 25% of Applicable Employees Per Year	Revised	12-2013	In Progress.
Pollution Prevention and Good Housekeeping for Municipal Operations	Maintenance Facility Stormwater Management	Conduct Environmental Compliance Reviews at All Relevant Municipal Maintenance Facilities in 2019 and Perform Stormwater Inspections Every Six Months	Revised	12-2013	In Progress.
Pollution Prevention and Good Housekeeping for Municipal Operations	Other Facility Stormwater Management	Conduct Environmental Compliance Reviews at All Relevant Municipal Facilities in 2019 to Determine if Follow-up Stormwater Actions are Required	Revised	12-2013	In Progress.
Pollution Prevention and Good Housekeeping for Municipal Operations	Hazardous Waste and Materials Management	Review LDEQ EDMS Incident File for Ascension (AI#83547) for RQ Releases in Parish	Revised	12-2013	In Progress.
Pollution Prevention and Good Housekeeping for Municipal Operations	Roadway and Bridge Management	Report on All Documented Maintenance Activities Related to Stormwater Infrastructure	Revised	12-2013	In Progress.
Pollution Prevention and Good Housekeeping for Municipal Operations	Catch Basin and Storm Drain Cleaning	Report on All Documented Maintenance Activities Related to Stormwater Infrastructure	Revised	12-2013	In Progress.

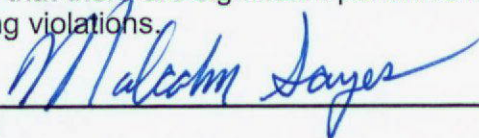
Minimum Control Measure(s)	BMP	Measurable Goal (steps to measure progress)	New or Revised	Start Date	Implementation Status/ Frequency/ Achievement Date (completed, in progress, not started)
Pollution Prevention and Good Housekeeping for Municipal Operations	Septic System Management	Update Parish-Owned Inventory of Septic Systems and Provide Pump Out Records in Annual Report	Revised	12-2013	In Progress.
Pollution Prevention and Good Housekeeping for Municipal Operations	Pest Control	Provide Licenses/Certifications for All Parish Employees Performing Pesticide/Herbicide Applications in Annual Report	Revised	12-2013	In Progress.
Pollution Prevention and Good Housekeeping for Municipal Operations	Vegetation Management	Review Parish Facility Landscaping/Lawn Care Activities to Identify Opportunities for Improvements	Revised	12-2013	In Progress.

Note: If you have developed a stormwater ordinance during the last reporting period, include a description or citation of the ordinance, or simply attach a copy of the ordinance.

D. Certification

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

Signature



March 8, 2019
Date

Malcolm "Mac" Sayes, P.E.
Name (printed)

Stormwater Compliance Engineer
Title