



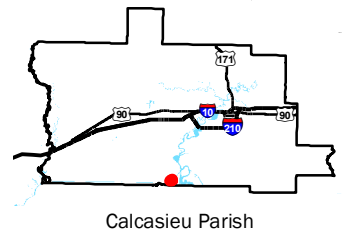
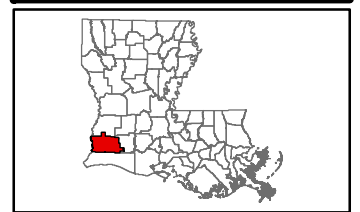
Exhibit M. West Calcasieu Port Site  
Wastewater Infrastructure Upgrade Letter & Map



# West Calcasieu Port Site Wastewater Infrastructure Upgrade Letter & Map

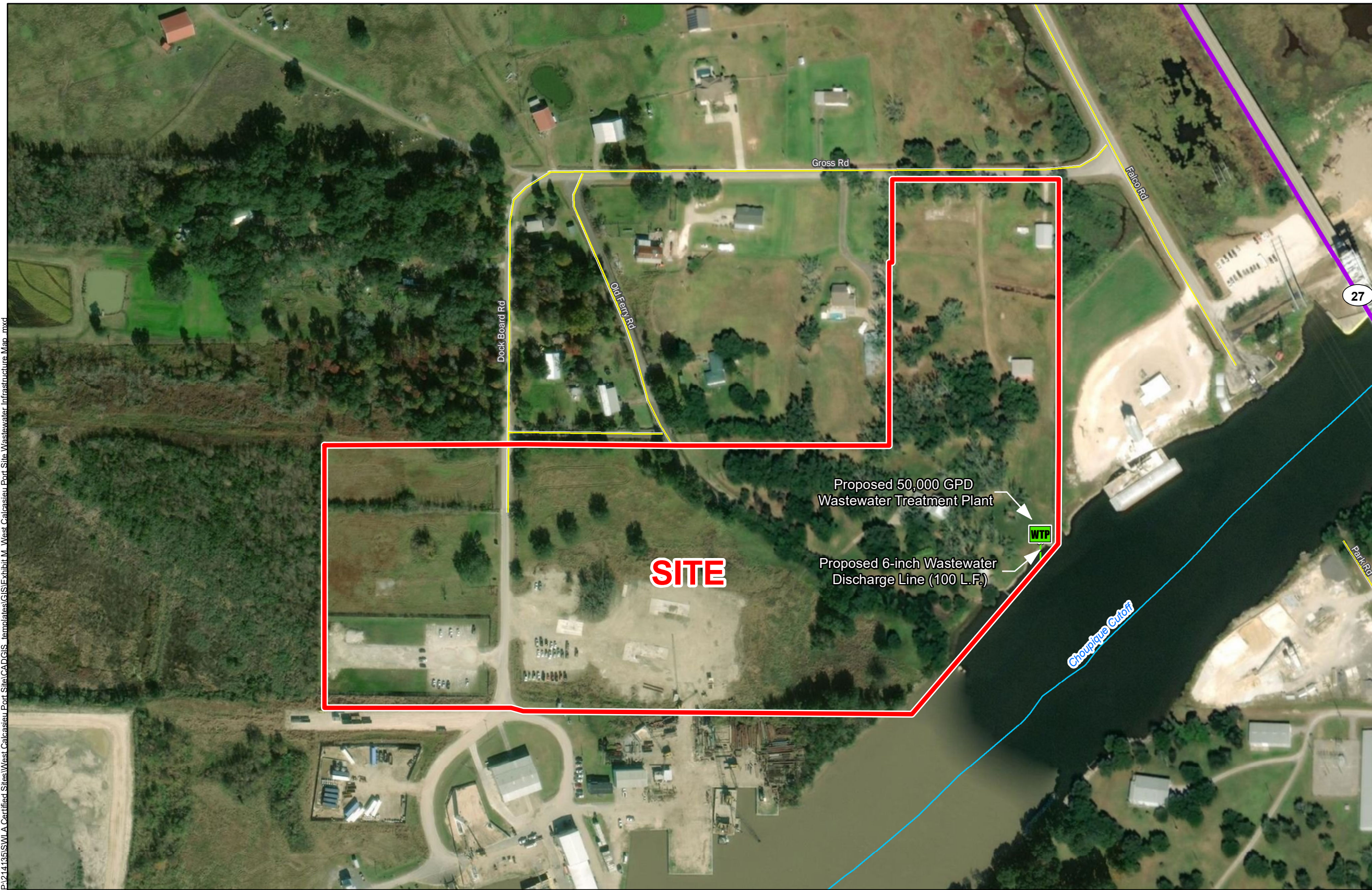
West Calcasieu Port Site  
Calcasieu Parish, LA

SWLA



### LEGEND

- Site Boundary
- Proposed 6-inch Wastewater Discharge Line (100 L.F.)
- WTP Proposed 50,000 GPD Wastewater Treatment Plant
- Existing Roadway
- 4-Lane State Highway
- Local
- Stream



**SITE**

Proposed 50,000 GPD Wastewater Treatment Plant

Proposed 6-inch Wastewater Discharge Line (100 L.F.)

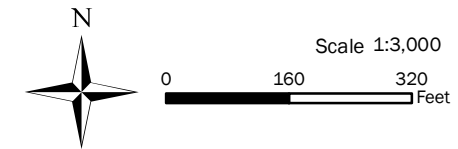
Croupique Cutoff



Date:	10/31/2019
Project Number:	214135
Drawn By:	BNF
Checked By:	EEB



General Notes:  
 1. No attempt has been made by CSRS, Inc. to verify site boundary, title, actual legal ownership, deed restrictions, servitudes, easements, or other burdens on the property, other than that furnished by the client or his representative.  
 2. Transportation data from 2013 TIGER datasets via U.S. Census Bureau at <ftp://ftp2.census.gov/geo/tiger/TIGER2013>.  
 3. Proposed wastewater upgrade shown is for representational purposes only, depicting the intent of the cost estimate provided with this exhibit to meet LED minimum requirements, and is subject to revision.  
 4. 2015 aerial imagery from USDA-APFO National Agricultural Inventory Project (NAIP) and may not reflect current ground conditions.



P:\214135\SWLA Certified Sites\West Calcasieu Port Site\CADD\GIS Templates\GIS\Exhibit M - West Calcasieu Port Site Wastewater Infrastructure Map.mxd



# West Calcasieu Port Site Wastewater Infrastructure Upgrade Letter & Map



CSRS, INC.  
6767 Perkins Road, Suite 200  
Baton Rouge, Louisiana 70808

Phone: (225) 769-0546  
Fax: (225) 767-0060

November 5, 2019

Mr. Gus Fontenot  
SWLA Economic Development Alliance  
4310 Ryan Street  
Lake Charles, Louisiana 70605

Re. West Calcasieu Port Site Wastewater System Cost Estimate  
CSRS Job No. 214135

Dear Mr. Fontenot:

According our research, the West Calcasieu Port Site located in Calcasieu Parish, Louisiana has no existing wastewater infrastructure on site.

In order to provide a wastewater treatment facility to treat 50,000 gallons per day (GPD), a wastewater treatment facility may need to be constructed on site which would discharge to the Choupique Cutoff that runs along the south east boundary of the property. Expected discharge limits of BOD<sub>5</sub>, TSS, NH<sub>3</sub>, and Phosphorous may be (30/30/2/5) respectively. The construction of this new wastewater treatment facility plus the cost for an effluent pump station and discharge line is estimated to be \$256,000.

Please note that these estimates do not include engineering, rights of way acquisition, environmental impacts and permitting or operation and maintenance costs. This cost estimate was prepared with the best information available at the time of certification. The actual costs can vary based on the availability of material, site conditions and labor availability. Both plans can be executed within a reasonable timetable of 180 days based on preliminary engineering judgment.

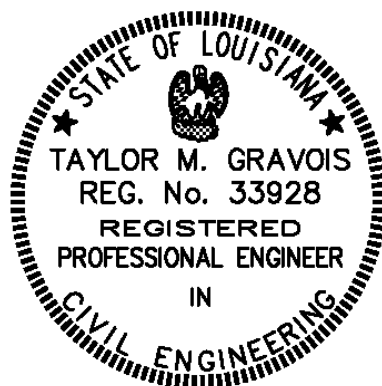
Thank you for the opportunity to assist you in this project. Should you have any questions or require additional information, feel free to contact me.

Sincerely,

CSRS, Inc.

A handwritten signature in blue ink that reads 'Taylor M. Gravois'.

Taylor M. Gravois, PE, PLS



West Calcasieu Port Site  
Wastewater Cost Estimate  
Job No. 214135

Rough Order of Magnitude Cost Estimate					
Item No.	Description	Unit	Est. Quantity	Unit Price	Extension
1	50,000 GPD Wastewater Treatment Plant (30/30/2/5 Limits) with Influent Pump Station <sub>4</sub>	L.S.	1	\$ 200,000.00	\$ 200,000.00
2	6" C900 PVC Effluent Force Main	L.F.	100	\$ 37.50	\$ 3,750.00
3	Ductile Iron Fittings	Tons	1	\$ 8,850.00	\$ 8,850.00
<b>Subtotal:</b>					<b>\$ 212,600.00</b>
<b>20% Contingency <sub>1</sub>:</b>					<b>\$ 42,520.00</b>
<b>Rough Order of Magnitude (ROM):</b>					<b>\$ 256,000.00</b>

**Footnotes:**

- 1.) Does not include costs for engineering, permitting, or general project management.
- 2.) This cost estimate was prepared with the best information available at the time of certification.
- 3.) Actual costs can vary based on availability of material, site conditions, and labor.
- 4.) Wastewater Treatment Plant capacity based on LED required minimum capacity of 50,000 GPD.

CODE OF ORDINANCES PARISH OF CALCASIEU, LOUISIANA

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Published in 1985 by Order of the Police Jury

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Adopted, December 19, 1985  
Effective, December 19, 1985

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OFFICIALS

of

CALCASIEU PARISH, LOUISIANA

AT THE TIME OF THIS CODIFICATION

---

Elcie J. Guillory  
*President of the Police Jury*

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Ray Campbell  
*Vice President*

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District 1	District 9
Don E. Manuel	R. M. Goldsmith

District 2	District 10
Elcie J. Guillory	Darrell Derouen
District 3	District 11
Joseph J. St. Mary	Roy Arrant
District 4	District 12
A. B. Franklin	C. W. "Corky" Lockhart
District 5	District 13
Charles S. Mackey, D.D.S.	Charles LeBoeuf
District 6	District 14
Charles S. Liggio, Sr.	Ray Campbell
District 7	District 15
D. C. "Chick" Green	John F. Vaughn
District 8	
James "Jim" Schooler	
<i>Police Jury</i>	

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Rodney M. Vincent  
*Administrator-Engineer*

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Jennabeth P. Smythe  
*Secretary of the Police Jury*

## PREFACE

This Code is a codification of the ordinances of Calcasieu Parish, Louisiana of a general and permanent nature and is the first such codification.

The chapters of the Code are arranged in alphabetical order and the sections within each chapter are catchlined to facilitate usage. Footnotes which tie related sections of the Code together and which refer to relevant provisions of the state law have been included. A table listing the state law citations setting forth their location within the Code is included at the back of this volume. The source of each section is indicated by the history note appearing in parentheses at the end thereof. The absence of such a note indicates that the section is new and was adopted for the first time with the adoption of the Code. By use of the Comparative Tables appearing in the back of the volume, any ordinance included herein can be readily found in the Code.

### *Numbering System*

The numbering system used in this Code is the same system used in many state and local municipal codes. Each section number consists of two component parts separated by a dash, the figure before the dash referring to the chapter number and the figure after the dash indicating the position of the section within the chapter. Thus, the first section of Chapter 1 is numbered 1-1 and the third section of Chapter 4 is 4-3. Under this system each section is identified with its chapter and, at the same time, new sections or even whole chapters can be inserted in their proper place simply by using the decimal system for amendments. By way of illustration: If new material consisting of three sections that would logically come between Sections 2-4 and 2-5 is desired to be added, such new sections would be numbered 2-4.1, 2-4.2 and 2-4.3 respectively. New chapters may be included in the same manner. If the new material is to be included between Chapters 15 and 16 it will be designated as Chapter 15.5. Care should be taken that the alphabetical arrangement of chapters is maintained when including new chapters. New articles and new divisions may be included in the same way or, in the case of articles, may be placed at the end of the chapter embracing the subject, and, in the case of divisions, may be placed at the end of the article embracing the subject, the next successive number being assigned to the article or division.

### *Index*

The index has been prepared with the greatest of care. Each particular item has been placed under several headings, some of the headings being couched in lay phraseology, others in legal terminology, and still others in language generally used by government officials and employees. There are numerous cross references within the index which stand as guideposts to direct the user to the particular item in which he is interested.

### *Looseleaf Supplements*

A special feature of this Code is the looseleaf system of binding and supplemental service, by which the Code will be kept up-to-date periodically. Upon the final passage of amendatory ordinances, they will be properly edited and the page or pages affected will be reprinted. These new pages will be distributed to holders of copies of the Code with instructions for the manner of inserting the new pages and deleting the obsolete pages. Each such amendment, when incorporated into this Code, may be cited as a part thereof.

The successful maintenance of this Code up-to-date at all times will depend largely upon the holder of the volume. As revised sheets are received, it will then become the responsibility of the holder to have the amendments inserted according to the attached instructions. It is strongly recommended by the publishers that all such amendments be inserted immediately upon receipt to avoid misplacing them and, in addition, that all deleted pages be saved and filed for historical reference purposes.

### *Acknowledgments*

The publication of this Code was under direct supervision of James S. Vaught, Editor, and Francis Ward, Editorial Assistant, of Municipal Code Corporation, Tallahassee, Florida. Credit is gratefully given to the other members of the publisher's staff for their sincere interest and able assistance throughout the project.

The publishers are most grateful to Mr. Rodney M. Vincent, Parish Administrator-Engineer, and Mrs. Jennabeth Smythe, Secretary of the Police Jury, and the other Parish officials for their cooperation and interest during the progress of the work on the Code.

MUNICIPAL  
Tallahassee, Florida

CODE

CORPORATION

ADOPTING ORDINANCE  
ORDINANCE NO. 2783

*An Ordinance Adopting and Enacting a New Code for Calcasieu Parish, Louisiana; Establishing the Same; Providing for the Repeal of Certain Ordinances Not Included Therein; Providing for the Manner of Amending and Supplementing Such Code; and Providing When Such Code and This Ordinance Shall Become Effective.*

*Be It Ordained by the Police Jury of Calcasieu Parish, Louisiana, that:*

**Section 1.** The Code of Ordinances, consisting of Chapters 1 to 25 each inclusive, is hereby adopted and enacted as the "Code of Ordinances, Calcasieu Parish Louisiana," which Code shall supersede all general and permanent ordinances of this Parish adopted on or before March 1, 1984, to the extent provided in Section 2 hereof.

**Section 2.** All provisions of the Code shall be in full force and effect from and after December 19, 1985, and all ordinances of a general and permanent nature of the Parish adopted on final passage on or before March 1, 1984, and not included in the Code or recognized and continued in force by reference therein, are hereby repealed from and after the effective date of this Code.

**Section 3.** The repeal provided for in Section 2 hereof shall not be construed to revive any ordinance or part thereof that has been repealed by a subsequent ordinance which is repealed by this ordinance.

**Section 4.** Unless another penalty is expressly provided, a violation of any provision of the Code, or any provision of any rule or regulation adopted or issued pursuant thereto, shall be punished by a fine not exceeding five hundred dollars (\$500.00), or imprisonment for a term not exceeding thirty (30) days, or by both such fine and imprisonment.

**Section 5.** Any and all additions and amendments to the Code, when passed in the form as to indicate the intention of this Police Jury to make the same a part of the Code, shall be deemed to be incorporated in the Code, so that reference to the Code shall be understood and intended to include such additions and amendments.

**Section 6.** In case of the amendment of any section of the Code for which a penalty is not provided, the general penalty as provided in Section 4 of this ordinance and in Section 1-9 of such Code shall apply to the section as amended, or in case the amendment contains provisions for which a penalty, other than the aforementioned general penalty, is provided in another section in the same chapter, the penalty so provided in the other section shall be held to relate to the section so amended, unless the penalty is specifically repealed therein.

**Section 7.** Any ordinance adopted after March 1, 1984, which amends or refers to ordinances which have been codified in the Code, shall be construed as if it amends or refers to like provisions of the Code.

**Section 8.** This ordinance and the Code adopted hereby shall become effective immediately.

This ordinance was declared adopted on this the 19th day of December, 1985.

/s/  
President

Elcie

J.

Guillory

Attest:

/s/  
Secretary

Jennabeth

P.

Smythe



Sec. 26-182. - General.

- (a) It shall be unlawful to allow any individual sewerage system to discharge untreated effluent into any drainage outfall, roadside ditch, pipe or within the road right-of-way located within the unincorporated areas of Calcasieu Parish, unless otherwise permitted by the Louisiana Department of Health and Hospitals' Office of Public Health (LA DHH/OPH) as per the Louisiana Sanitary Code.
- (b) Effluent from all individual sewerage systems must be disposed of within the boundaries of the building site upon which the sewerage originated. Under no circumstance shall untreated effluent be allowed to run off said building site.

(Ord. No. 6143, § II, 12-6-12)

Sec. 26-183. - Permits and approvals required.

- (a) A parish sewerage disposal permit must be obtained prior to the installation of any sewerage disposal system within the unincorporated limits of Calcasieu Parish. No parish permit shall be issued unless the applicant has first obtained written authorization for installation from the LA DHH/OPH.
- (b) Prior to the issuance of a parish sewerage disposal permit, any new sewerage disposal system, alteration of an existing system or connection of the sewerage from any building to an existing system, must be approved by the LA DHH/OPH to assure compliance with the provisions in Part 13 of the Louisiana Sanitary Code.

(Ord. No. 6143, § II, 12-6-12)

Sec. 26-227. - Specific prohibitions and requirements.

- (a) The specific prohibitions and requirements in this section are not inclusive of all the discharges prohibited by the general prohibition in division 2.
- (b) No person shall introduce or cause to be introduced into the MS4 any discharge that causes or contributes to causing the parish to violate a water quality standard, the parish's LPDES permit, or any state-issued discharge permit for discharges from its MS4.
- (c) No person shall dump, spill, leak, pump, pour, emit, empty, discharge, leach, dispose, or otherwise introduce or cause, allow, or permit to be introduced any of the following substances into the MS4:
  - (1) Any used motor oil, antifreeze, or any other motor vehicle fluid;
  - (2) Any industrial waste;
  - (3) Any hazardous waste, including hazardous household waste;
  - (4) Any domestic sewage or septic tank waste, grease trap waste, or grit trap waste. Disposal of domestic sewage or septic tank waste must be in conformance with division 2;
  - (5) Any garbage, rubbish, food, or yard waste;
  - (6) Any wastewater from a commercial carwash facility; from any vehicle washing, cleaning, or maintenance at any new or used automobile or other vehicle dealership, rental agency, body shop, repair shop, or maintenance facility; or from any washing, cleaning, or maintenance of any business or commercial or public service vehicle, including a truck, bus, or heavy equipment, by a business or public entity. (Discharge must meet state-issued permit requirements);
  - (7) Any wastewater from the washing, cleaning, de-icing, or other maintenance of aircraft;

- (8) Any wastewater from commercial floor, rug, or carpet cleaning;
  - (9) Any effluent from a cooling tower, condenser, compressor, emission scrubber, emission filter, or the blow-down from a boiler;
  - (10) Any discharge from water line disinfection by super-chlorination or other means if it contains any harmful quantity (refer to MSDS) of chlorine or any other chemical used in line disinfection;
  - (11) Any fire protection water containing oil or hazardous substances or materials;
  - (12) Any water from a water curtain in a spray room used for painting vehicles or equipment;
  - (13) Any contaminated runoff from a vehicle wrecking;
  - (14) Any substance or material that will damage, block, or clog the MS4; and
  - (15) Any release from a petroleum storage tank, or any leachate or runoff from soil contamination by a leaking petroleum storage tank, or any discharge of pumped, confined, or treated wastewater from the remediation of such petroleum storage tank release, unless the discharge satisfies all of the following criteria:
    - a. Compliance with all state and federal standards and requirements, and
    - b. No discharge containing harmful quantity of any pollutant.
  - (16) Any wastewater from a commercial mobile power washer or from the washing or other cleaning of a building exterior that contains any harmful quantity of soap, detergent, degreaser, solvent, or any other harmful cleaning substance;
  - (17) Any wastewater from the wash down or other cleaning of pavement that contains any harmful quantity of soap, detergent, solvent, degreaser, emulsifier, dispersant, or any other cleaning substance;
  - (18) Any wastewater from the wash down or other cleaning of any pavement where any spill, leak, or other release of oil, motor fuel, or other petroleum or hazardous substance has occurred;
  - (19) Any ready-mixed concrete, mortar, ceramic, or asphalt base material or hydro mulch material, or from the cleaning of commercial vehicles or equipment containing, or used in transporting or applying, such material; and
  - (20) Liquid waste generated by cleaning operation cannot be discharged into the MS4 without a valid LPDES permit from the department of environmental quality.
- (d) No person shall introduce or cause to be introduced into the MS4 any harmful quantity of sediment, silt, earth, soil, or other material associated with clearing, grading, excavation or other construction activities. Such materials shall be retained on site or captured by employing sediment and erosion control measures to the maximum extent practicable.
  - (e) No person shall connect a line conveying sanitary sewage, domestic or industrial, to the MS4, or allow such a connection to continue, unless said connection is in conformance with division 2.
  - (f) No person shall cause or allow any pavement wash water from a commercial facility to be discharged into a MS4 unless such wastewater has passed through a properly functioning and maintained, grease, oil and sand interceptor before discharging into the MS4.
  - (g) No person shall discharge water from their property in such a manner that permits such discharge to negatively impact neighboring property;
  - (h) No person shall maliciously destroy or interfere with BMPs implemented pursuant to this article.

(Ord. No. 6143, § II, 12-6-12)