

Improving Our Economy and Quality of Life

A Sewerage Expansion Plan for Calcasieu Parish

Calcasieu Parish Police Jury
Wastewater Committee
July 30, 2013

Agenda

Sewerage Expansion Plan



Framework and background for sewerage initiative



Proposed sewerage projects



Financing the plan



Sewerage Commission concept and proposed structure



Clarification of roles



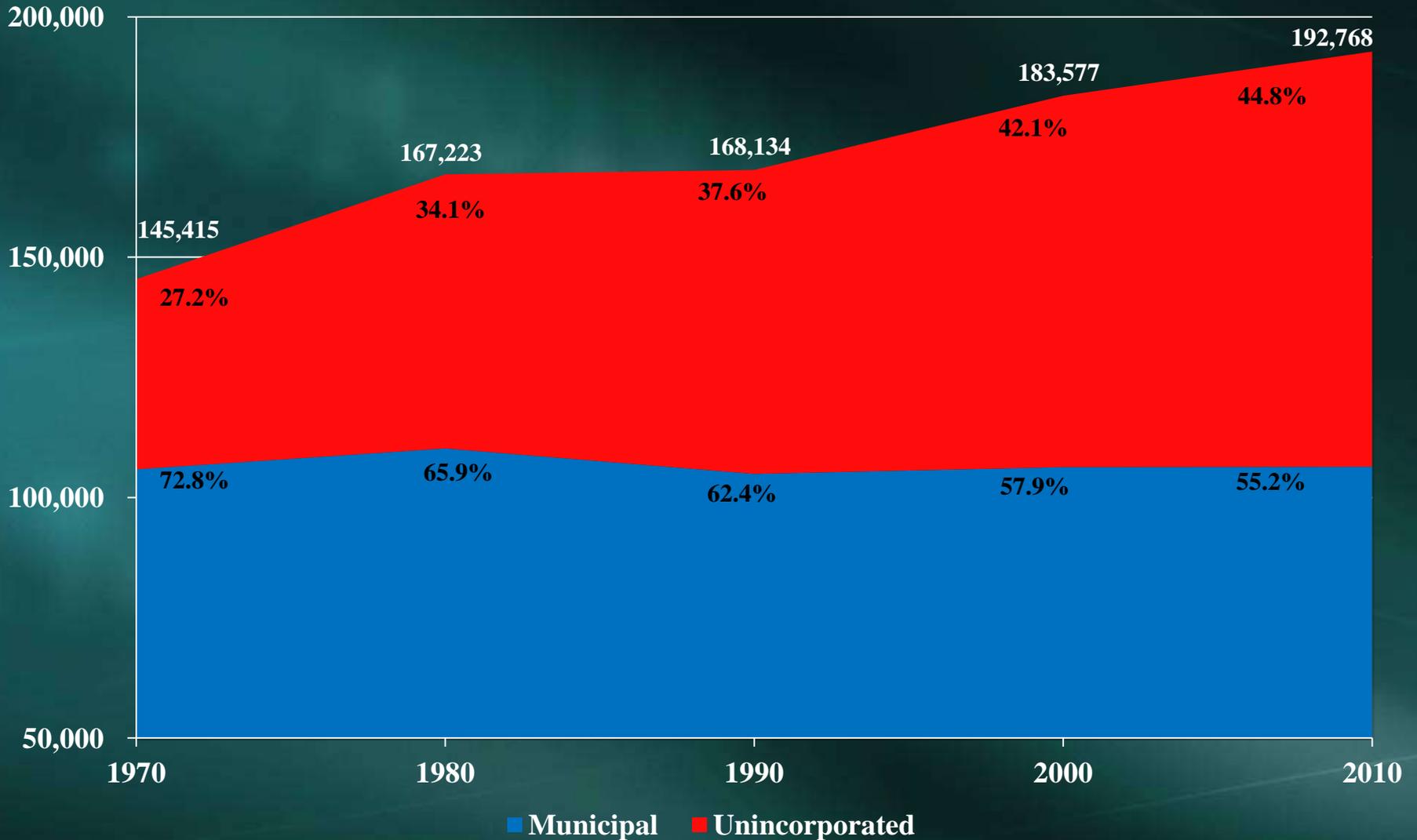
Timeline / Next steps

Why Sewerage?

- Infrastructure is vital to communities

Calcasieu Parish Population

1970 - 2010



Why Sewerage?

- Infrastructure is vital to communities
- It is smart for economic growth

Sewerage Expansion

Private Return on Investment

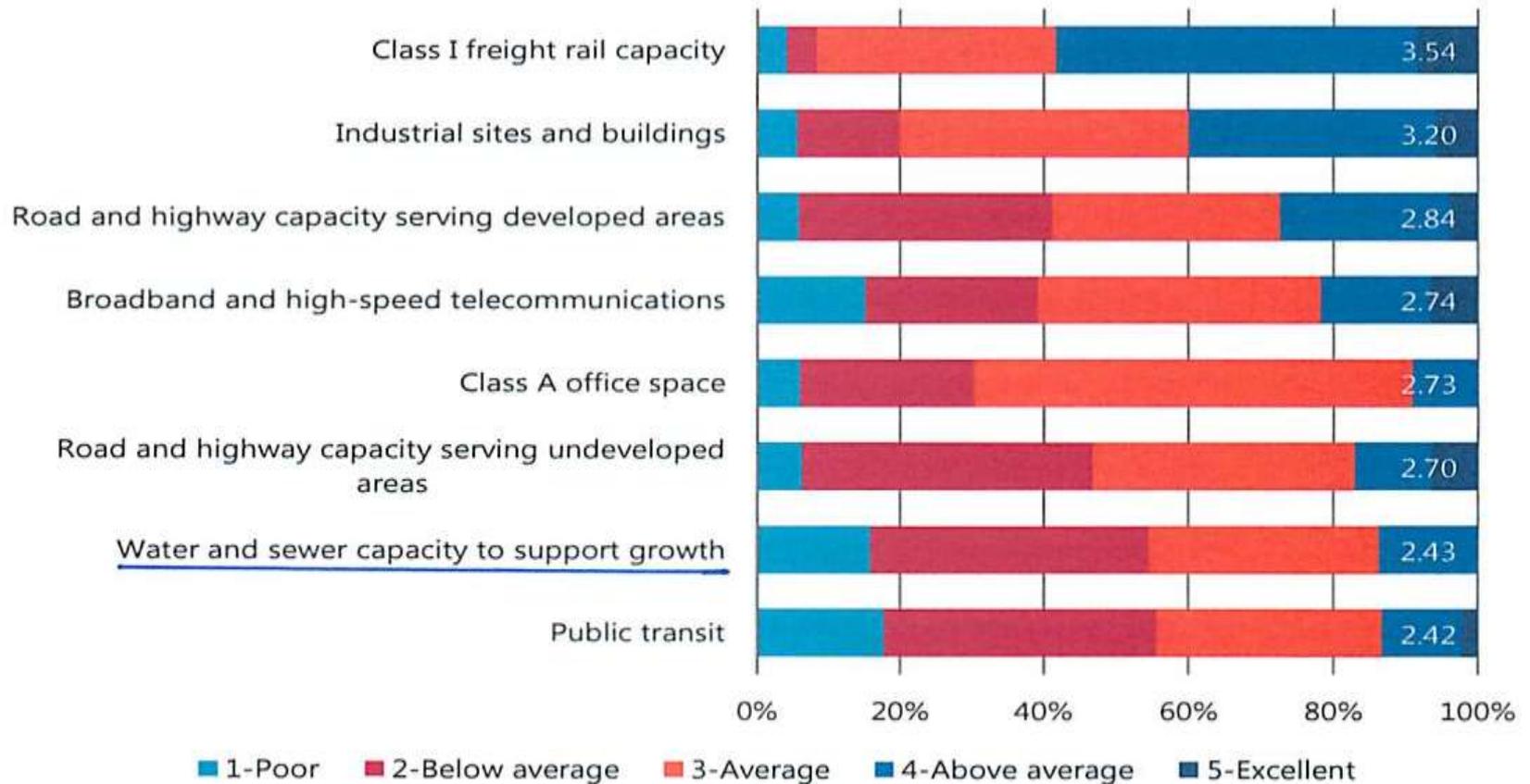


* Local Government Investment in Municipal Water and Sewer Infrastructure: Adding Value to the National Economy, 2008.



Strategic Update

28. Please rate the following elements of Southwest Louisiana’s business climate according to the degree to which each is an advantage or disadvantage for businesses. *(The score at the end of the bar indicates total respondents’ average score on a scale of 1 to 5, with 1 being a major disadvantage and 5 being a major advantage.)*



Why Sewerage?

- Infrastructure is vital to communities
- It is smart for economic growth
- Needed for public health and recreation



Why Sewerage?

- Infrastructure is vital to communities
- It is smart for economic growth
- Needed for public health and recreation
- It's the law

THE DAILY NEWS

www.dailynews.com

THE DAILY NEWS PUBLISHED DAILY

Nov 1978

SEWER NEGLECT COSTS TAXPAYERS

“Columbia’s (South Carolina) years of neglecting its crumbling sewer system may cost customers as much as \$1.5 million in environmental fines...”

Municipal Insider, 10/16/12



THE DAILY NEWS

“Columbia’s (South Carolina) years of neglecting its sewer system have cost the city more as much as \$1.45 billion. Fixing the crumbling system is federally

“Baton Rouge’s sewer rehabilitation price tag is \$1.45 billion. Fixing the crumbling system is federally

“The San Antonio Water System has agreed to pay a \$2.6 million civil penalty for violations stemming from illegal discharges of raw sewerage.”

EPA 7/23/13

Parish Efforts to Address Sewerage Challenges

**Sewerage
Expansion**

Expand outward



**“Community
systems”
ordinance**

Stop the bleeding



**Mechanical
System
Inspections**

Fix what's there

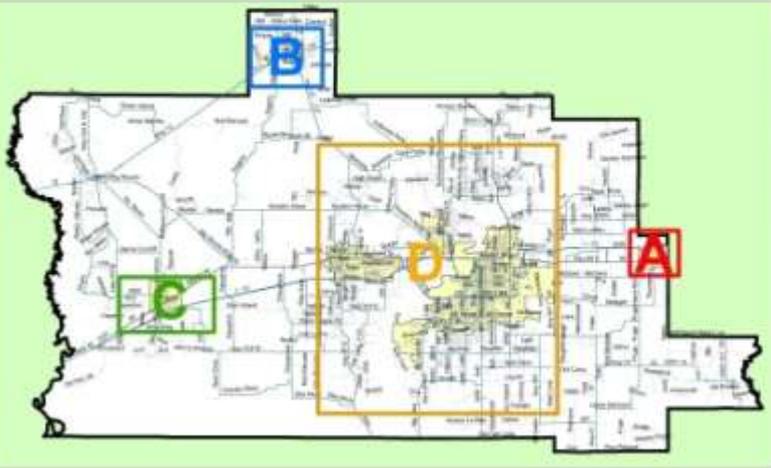
Parishwide Economic Impact Projects

- **Projects consist of sewerage collection/transport and treatment**
- **Partnerships with cities will be needed**
- **Sewerage expansions are strategically located to generate private investment – a “backbone” system**

Proposed Projects

1. South Lake Charles Extension
2. Carlyss (Hwy 27) Extension
3. Southeast Lake Charles Extension
4. Moss Bluff Regional Plant and Mains
5. Westlake Extension
6. North Sulphur Extension
7. DeQuincy Extension
8. Vinton Extension
9. Iowa Extension
10. Parishwide Pump-Out Program

Calcasieu Parish Proposed Sewerage Expansion Plan



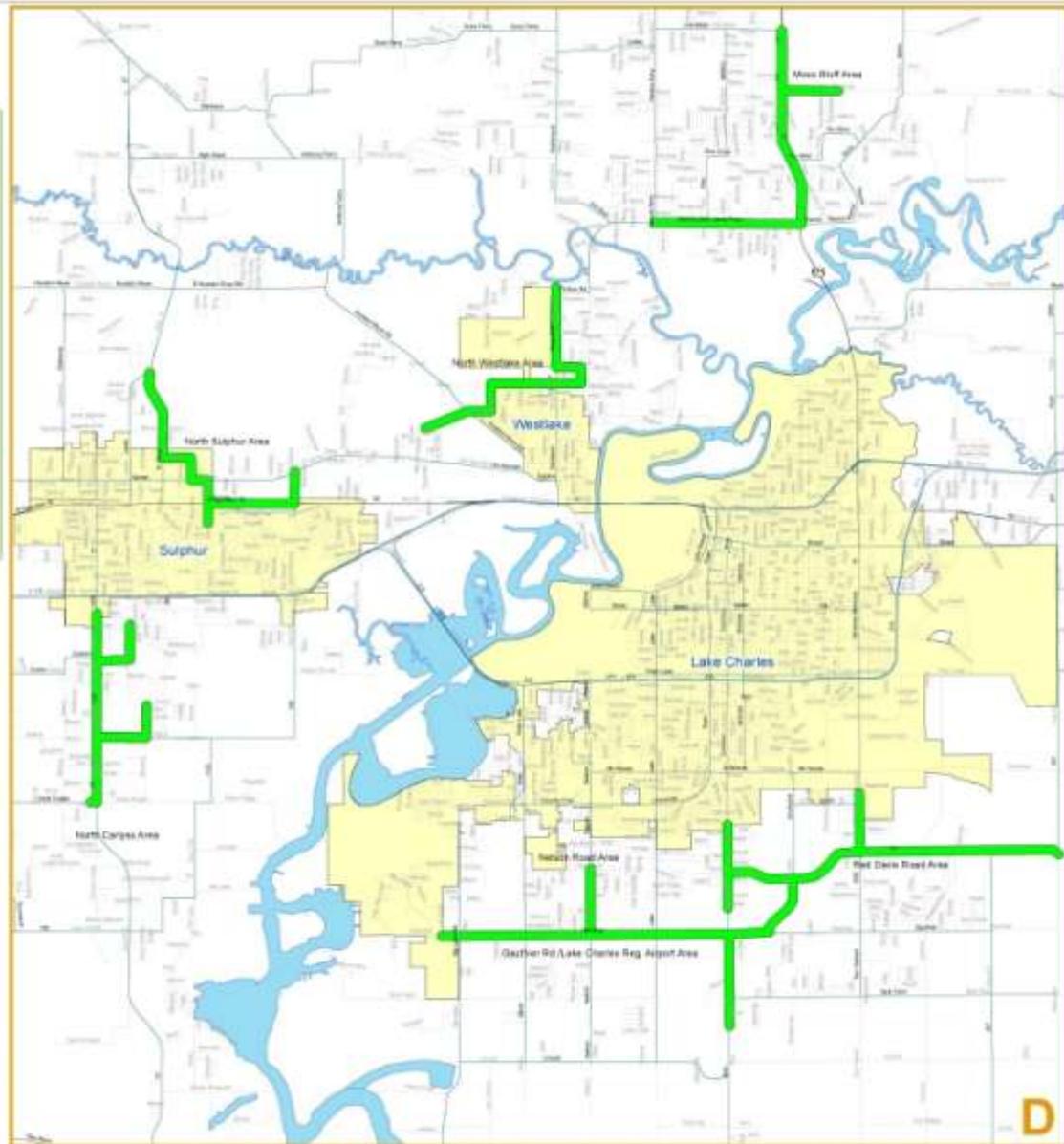
Iowa



DeQuincy



Vinton



Lake Charles, Sulphur, Westlake, & Moss Bluff



Individual System Pump-Outs

- Plan calls for covering cost of individual system pump-outs at time of inspection
- \$300 - \$500 value
- Treatment system for pump-out waste would be constructed

Pump-Out Program

Estimated Savings to Residents

Approx. 6,000 inspections per year

X \$400 average cost per pump-out

\$2,400,000 savings per year

Parishwide Economic Impact Projects

\$148,000,000 Total Capital Cost

Collection and Transport

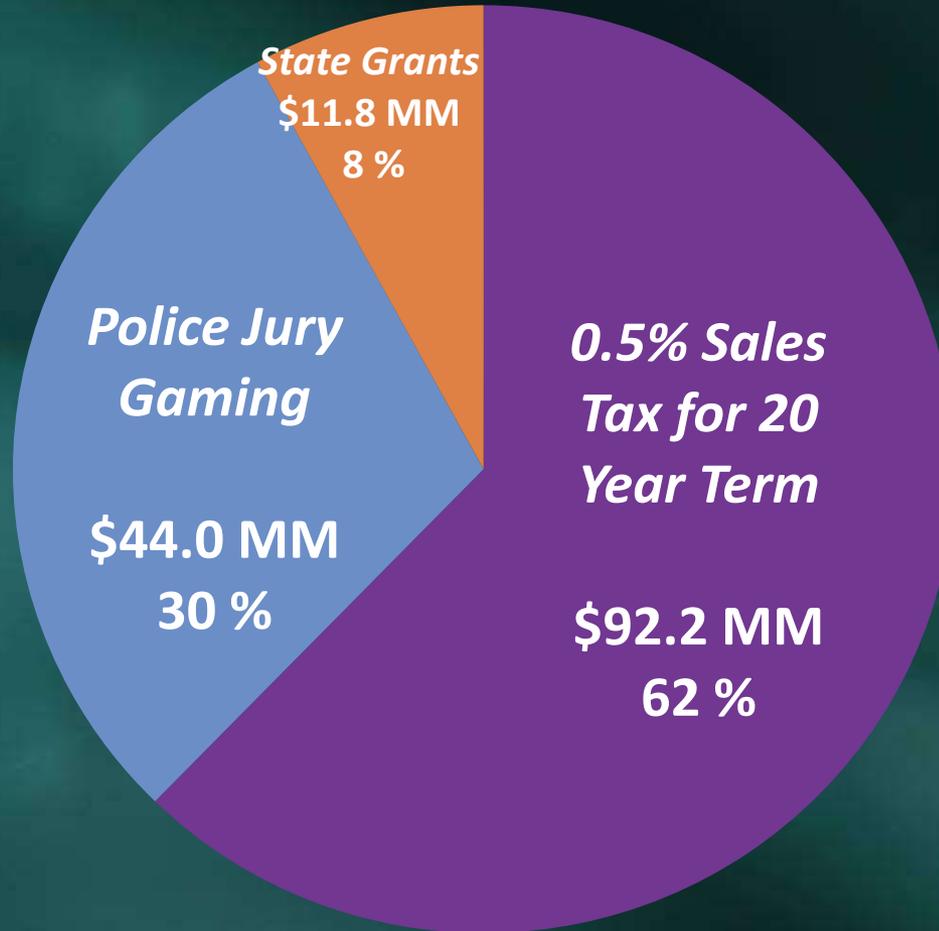
\$108,000,000

Treatment

\$40,000,000

Financing the Plan Capital and Operations

Financing the Plan - Capital



Financing the Plan - Operations

0.5% Sales Tax



Pump-out program

Community system oversight

Reserve for future capital repairs

Sewerage Commission Concept and Proposed Structure

Joint Commission for Parishwide Sewerage

Proposed Commission Structure

<u>Appointments</u>	<u>Entity</u>
4	Police Jury
1	Lake Charles
1	Sulphur
2	Rotations among DeQuincy, Iowa, Vinton, and Westlake
1	Rotation among all entities
9	TOTAL

- Recommend that elected officials serve as commissioners.
- Recommend 3 year terms.
- Intergovernmental Agreement among entities will be needed to establish the Commission.
- The Commission would call the tax proposition.

Benefits of the Proposed Commission Structure

- Allows the Parish and Cities to partner for mutual benefit.
- Recognizes that the CPPJ and Cities have a stake in the program's success (Parish would build – Cities would operate).
- State law allows the commission to contract with the CPPJ or Cities to carry out the program.
- Nine is a manageable number.

Timeline

<u>Task</u>	<u>Time Period</u>
Meetings between Parish and Cities to iron out details of Intergovernmental Agreement	July
Passage of resolution by entities to enter Agreement, and make appointments to Commission	August
Commission holds first meeting	1st week of September
Seek feedback on the plan from the community	September
Commission advertises notice of intent to call a tax election during the 1st week in November (meeting held)	October 1st
Commission calls tax election for April, 2014	November 1st

Taking the Long View



This proposal requires new public funding, but communities that thrive and prosper do so only by investing in themselves in a manner that grows their economy and enhances the quality of life of their citizens.