

**CITY ORDINANCE NO. CO-141-2021**

**AN ORDINANCE OF THE LAFAYETTE CITY COUNCIL AUTHORIZING THE FILING OF FIVE (5) APPLICATIONS TO THE STATE WATER SECTOR PROGRAM FOR \$5,000,000.00 EACH IN GRANT FUNDING FOR WATER AND SEWERAGE PROJECTS INCLUDED IN THE CAPITAL IMPROVEMENT BUDGET, WITH COMMITMENTS TO PROVIDE 25% TO 76% IN LOCAL MATCH**

**BE IT ORDAINED** by the Lafayette City Council, that:

**WHEREAS**, the State of Louisiana established the Water Sector Program (WSP) at LA. R.S. 39:100.56 to provide grant funding for repairs, improvements, and consolidation of public water systems and community sewerage systems around the state; and

**WHEREAS**, Louisiana has allocated \$300,000,000.00 to the WSP from the state’s allocation of federal funding from the Coronavirus State Fiscal Recovery Fund pursuant to the American Rescue Plan Act; and

**WHEREAS**, the state will award grants of up to \$5,000,000.00 per application for eligible projects from the WSP funds based on competitive consideration of applications from eligible applicants; and

**WHEREAS**, the WSP requires a minimum local match of 25% and allows applicants to improve their application scoring by committing to a local match of up to 76%; and

**WHEREAS**, the Lafayette City-Parish Consolidated Government (LCG), through the Lafayette Utilities System (LUS), is an eligible applicant and has identified five (5) sets of water and sewerage projects that meet the criteria to receive WSP grants; and

**WHEREAS**, most of these projects were included in the 2020-2021 Five Year Capital Improvement Budget previously adopted by the Lafayette City Council, and the rest were added in the 2021-2022 Five Year Capital Improvement Budget; and

**WHEREAS**, LCG desires to submit five (5) applications to the WSP for these projects for up to \$5,000,000.00 per application, with commitments to provide matching funds of 25% to 76%.

**NOW, THEREFORE, BE IT FURTHER ORDAINED** by the Lafayette City Council, that:

**SECTION 1:** All the foregoing WHEREAS clauses are hereby adopted.

**SECTION 2:** The Lafayette Mayor-President, or his designee, is hereby authorized to file five (5) grant applications with the Water Sector Program for water and sewerage projects included in the Capital Improvement Budget for up to \$5,000,000.00 per application, with commitments to provide matching funds of up to 76%.

**SECTION 3:** The Lafayette Mayor-President, or his designee, is hereby further authorized to conduct all negotiations and to make, execute, and submit all documents that may be appropriate to complete the application process.

**SECTION 4:** All ordinances or resolutions, or parts thereof, in conflict herewith are hereby repealed.

**SECTION 5:** This ordinance shall become effective upon signature of the Lafayette Mayor-President, the elapse of ten (10) days after receipt by the Lafayette Mayor-President without signature or veto, or upon an override of a veto, whichever occurs first.

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## WATER ARPA PROJECTS PRIORITY LIST

1. Media Changeout at NWTP
  - a. Change filter media at NWTP (filters 1 thru 15)
  - b. Loss of media. Water quality issue. Risk treatment effectiveness and efficiency. Critical system component failure/defect (LAC 51..XII.319.D.24).
  - c. Plans and specs ready to bid.
  - d. \$670,000
2. Fire Hydrant Pressure Monitors
  - a. Purchase and install pressure monitoring sensors at approximately 300 (5%) existing fire hydrants in several locations throughout the water distribution system.
  - b. To be able to monitor the distribution pressures throughout the system to alert the operators of problems (low pressure/leak) especially during extreme freezing weather events (such as in February 2021 when boil water advisories were issued). Maintain minimum system pressure (LAC 51..XII.319.D.5). Also to be used in computer hydraulic modeling to the system.
  - c. Specs ready to bid.
  - d. \$1,000,000
3. Northern Avenue and Edna Street Main Replacement/Upgrade
  - a. Replacement of small (2") deteriorated galvanized distribution mains that will eliminate substandard pressure (LAC 51..XII.319.D.) and leaks (LAC 51..XII.319.D.25) in these areas. Also, install fire hydrants in these areas as well as a few recently-annexed areas.
  - b. Replacement of smaller distribution mains with larger mains will improve pressure and reliability. Existing pipe is very old galvanized pipe with leaks and low pressure. Adding hydrants will provide fire protection for these areas as well as a few recently-annexed areas.
  - c. Plans and specs ready to bid.
  - d. \$640,000
4. Tenth Street and Laurel Avenue Main Replacement/Upgrade
  - a. Replacement of small (2") deteriorated galvanized distribution mains that will eliminate substandard pressure and leaks in these areas. Also, install fire hydrants in these areas.
  - b. Replacement of smaller distribution mains with larger mains will improve pressure and reliability. Existing pipe is very old galvanized pipe with leaks (LAC 51..XII.319.D.25) and low pressure (LAC 51..XII.319.D.5) . Adding hydrants will provide fire protection for these areas.
  - c. Plans and specs ready to bid.
  - d. \$350,000
5. Water Wells 6 and 7 Electrical Rehabilitation
  - a. Rehabilitate electrical service and controls for water wells #6 and #7 at the SWTP.
  - b. Existing electrical facilities need to be rehabbed and elevated to ensure operation (LAC 51..XII.319.D.24) and safety during flooding events (LAC 51..XII.319.D.3).
  - c. \$350,000
6. Emergency Backup Power

- a. Provide backup power generator for the Gloria Switch Plant and the NWTP that will run the entire plants during a power outage.
  - b. Allow Gloria Switch Plant and NWTP to be fully operational with standby power (LAC 51..XII.319.D.2) during a hurricane or other extended power outages.
  - c. \$600,000
- 7. Gloria Switch Plant Chemical Building Replacement
  - a. Replace existing deteriorated chemical building at Gloria Switch water treatment plant.
  - b. Existing building severely deteriorated due to age and chemical attack. Project needed to provide protection of process units/equipment (LAC 51..XII.319.D.24) and personnel safety. Provide assurance and adequacy of chemical application/dosage during treatment process (LAC 51..XII.319.D.17)
  - c. \$900,000
- 8. NWTP Chlorine Relocation
  - a. Relocate chlorine gas equipment out of main building.
  - b. Provide improvements to safety and operational issues to assure the application of chemical certified for potable use (LAC 51..XII.319.D.10).
  - c. \$500,000
- 9. Media Changeout at SWTP
  - a. Change media in filters at South Water Treatment Plant (filters 1 through 8).
  - b. Loss of media. Water quality issue. Risk treatment effectiveness and efficiency. Critical system component failure/defect (LAC 51..XII.319.D.24).
  - c. \$300,000
- 10. Ground Storage Tank at SWTP (2 million gallons)
  - a. Construct a second 2,000,000 gallon water ground storage tank and associated piping/pumps at the South Water Treatment Plant.
  - b. Provide storage (LAC 51:XII.337.A) redundancy to prevent service interruptions (including fire protection) during severe weather events (drought, freeze, hurricane, etc.) and also during maintenance/repair operations (cleaning, painting, leak repair, etc.).
  - c. \$2,500,000
- 11. Ground Storage Tank at NWTP (2.5 million gallons)
  - a. Construct additional ground storage (2,500,000 gallons) and associated piping/pumps at the North Water Treatment Plant.
  - b. Provide storage (LAC 51:XII.337.A) redundancy to prevent service interruptions (including fire protection) during severe weather events (drought, freeze, hurricane, etc.) and also during maintenance/repair operations (cleaning, painting, leak repair, etc.).
  - c. \$3,000,000
- 12. Rehab of Treatment Units at NWTP
  - a. Blast and paint interiors of treatment units 1 through 5 at North Water Treatment Plant.
  - b. Protect steel. Water quality issue. Risk treatment capacity, effectiveness, and efficiency. Critical system component failure/defect (LAC 51..XII.319.D.24).
  - c. \$300,000
- 13. Sabatier Road Main Extension

- a. Install water main along Sabatier Road for newly annexed/consolidated area.
- b. Provide municipal water service to existing residential dwellings currently on water wells.
- c. \$300,000

## ACTP SEWER ARPA PROJECTS PRIORITY LIST

1. Sewer Collection System Repairs (ACTP)
  - a. Perform approximately 320 point repairs to the sewer collection system. Work orders were created as a result of evaluations/recommendations from review of television inspection videos and reports.
  - b. Repair structural defects in the sewer collection system to prevent permit violations due to overflows from inflow/infiltration regulated in 40 CFR 122.41(e). The television inspection activities and repairs are required to be performed in accordance with LUS' CMOM program imposed by the Administrative Order (AO) issued by EPA on April 24, 2018. The CMOM and AO stipulate that the repairs be completed within three years of discovery.
  - c. Specs ready to bid.
  - d. \$1,500,000
2. Verot School Road Lift Station Backup Power
  - a. Provide generator for emergency back-up power at Verot School Road Lift Station.
  - b. Keep major lift station running during power outages, especially during hurricanes. Eliminate sewer permit violations due to backups and overflows in the collection system during power outages.
  - c. \$200,000
3. South Meyers Force Main Reroute
  - a. Reroute sewer force main from lift station on S. Meyers Drive to new large gravity sewer on Kaliste Saloom Road.
  - b. To eliminate overflows (permit violations) and structural deterioration at the discharge manhole location on Ferrell Drive.
  - c. \$150,000
4. East Peck Force Main Reroute
  - a. Reroute sewer force main from lift station on E. Peck Boulevard to new large gravity sewer on Kaliste Saloom Road.
  - b. To eliminate customer backup complaints and overflows (permit violations) at the discharge manhole location on in the S. Meyers Drive lift station area.
  - c. Plans and specs ready to bid.
  - d. \$150,000
5. ACTP Headworks Rehabilitation
  - a. Repair, rehabilitate, and coat the deteriorated concrete headworks basin at the Ambassador Caffery Sewer Treatment Plant. The concrete in the top part of the basin is deteriorated (and in some parts missing) due to hydrogen sulfide attack. Much of the concrete has deteriorated to the point that the steel rebar is exposed and deteriorating (actually missing in some places).
  - b. The basin is a necessary feature in processing and treating the wastewater, and the structural integrity of the basin is in jeopardy without this rehabilitation. Loss of this mechanical treatment unit provides high risk of discharge permit limit exceedances/violations (especially TSS).
  - c. Plans and specs ready to bid.

- d. \$550,000
- 6. Elan Lift Station and Force Main
  - a. Install new lift station and force main at Elan Subdivision.
  - b. The lift station and force main will replace an existing community treatment plant serving the residential subdivision and school. The force main will discharge to a new LUS large gravity sewer on Kaliste Saloom Road for final disposition at LUS' Ambassador Caffery Treatment Plant.
  - c. \$800,000

## **ESTP SEWER ARPA PROJECTS PRIORITY LIST**

1. Sewer Collection System Repairs (ESTP)
  - a. Perform approximately 120 point repairs to the sewer collection system. Work orders were created as a result of evaluations/recommendations from review of television inspection videos and reports.
  - b. Repair structural defects in the sewer collection system to prevent permit violations due to overflows from inflow/infiltration regulated in 40 CFR 122.41(e). The television inspection activities and repairs are required to be performed in accordance with LUS' CMOM program imposed by the Administrative Order (AO) issued by EPA on April 24, 2018. The CMOM and AO stipulate that the repairs be completed within three years of discovery.
  - c. Specs ready to bid.
  - d. \$700,000
2. Beaver Park Lift Station Backup Power
  - a. Provide generator for emergency back-up power at Beaver Park Lift Station.
  - b. Keep major lift station running during power outages, especially during hurricanes. Eliminate sewer permit violations due to backups and overflows in the collection system during power outages.
  - c. \$200,000
3. ESTP Digester Rehabilitation
  - a. Replace equipment and repair existing anaerobic digester at the East Sewer Treatment Plant. Replace the partially collapsed floating roof on the secondary digester, install new sludge recirculation pump or sludge mixer, replace sludge piping and appurtenances, and replace electrical controls to integrate into the plant's SCADA system.
  - b. The digester is a necessary feature in the biological processing and treatment of the sludge, and the structural integrity of the roof is in jeopardy of collapsing. Loss of this treatment unit provides high risk of permit violations.
  - c. \$1,500,000



## NETP SEWER ARPA PROJECTS PRIORITY LIST

1. Pont Des Mouton Force Main Reroute
  - a. Reroute sewer force main from lift station on W. Pont Des Mouton Road to E. Pont Des Mouton Road lift station area.
  - b. To bypass current discharge location in the lift station area on High Meadows Boulevard. Eliminate overflows (permit violations) at the discharge manhole location on High Meadows Boulevard.
  - c. \$300,000
2. Sewer Collection System Repairs (NETP)
  - a. Perform approximately 70 point repairs to the sewer collection system. Work orders were created as a result of evaluations/recommendations from review of television inspection videos and reports.
  - b. Repair structural defects in the sewer collection system to prevent permit violations due to overflows from inflow/infiltration regulated in 40 CFR 122.41(e). The television inspection activities and repairs are required to be performed in accordance with LUS' CMOM program imposed by the Administrative Order (AO) issued by EPA on April 24, 2018. The CMOM and AO stipulate that the repairs be completed within three years of discovery.
  - c. Specs ready to bid.
  - d. \$400,000
3. Brown Park Lift Station Backup Power
  - a. Provide generator for emergency back-up power at Brown Park Lift Station.
  - b. Keep major lift station running during power outages, especially during hurricanes. Eliminate sewer permit violations due to backups and overflows in the collection system during power outages.
  - c. \$200,000
4. NETP Clarifier and Headwork Piping Rehabilitation
  - a. Repair/rehabilitate deteriorated piping on existing clarifier and headworks at the Northeast Treatment Plant.
  - b. These mechanical treatment units are necessary features in processing and treating the wastewater, and the associated piping is in jeopardy without this rehabilitation. Loss of this mechanical treatment unit provides high risk of discharge permit limit exceedances/violations (especially TSS).
  - c. \$800,000
5. NETP Sludge Holding Tank
  - a. Install an additional 12,000 gallon sludge holding tank, and rehabilitate the existing tank/equipment at the Northeast Treatment Plant.
  - b. The existing tank is a necessary feature in processing and treating the sludge, and repair/rehabilitation of its deteriorated areas and appurtenances is necessary to prevent permit violations. Also, an additional tank is necessary to provide redundancy to prevent service interruptions during severe wet weather events and during maintenance/repair activities.
  - c. \$400,000

## SSTP SEWER ARPA PROJECTS PRIORITY LIST

1. Acacia Lift Station Backup Power
  - a. Provide generator for emergency back-up power at Acacia Lift Station.
  - b. Keep major lift station running during power outages, especially during hurricanes. Eliminate sewer permit violations due to backups and overflows in the collection system during power outages.
  - c. \$450,000
2. South Sewer Plant Flow Handling – Phase IIA
  - a. Design and construction of additional chlorination facilities at the South Sewer Treatment Plant.
  - b. To be able to handle surges of wastewater flow during wet weather periods. Elimination of EPA and DEQ permit overflow violations due to surges of wastewater during wet weather conditions. Also, allows flow to be diverted from Ambassador Caffery Sewer Treatment Plant, which is undergoing stress due to population growth in that area.
  - c. \$6,000,000
3. South College Lift Station Replacement
  - a. Replace an existing old deteriorated sewer lift station to provide reliability to the area. Also, install telemetry and associated electrical components.
  - b. Deterioration/corrosion of the submerged steel tanks to the point that it is becoming unsafe for personnel to enter when performing operation and maintenance activities on the pumps. Electrical to become code compliant. Telemetry to monitor equipment failures/alarms and water levels in addressing permit compliance issues related to sewer overflows in the collection system.
  - c. \$400,000

**RECEIVED**

SEP 16 2021

Lafayette Consolidated Government  
Chief Administrative Officer**Internal Memorandum****Lafayette Utilities System**  
Civil Engineering Division (7080)**TO:** Cydra Wingerter**DATE:** September 15, 2021**THRU:** Lowell Duhon *LD 9/16/21***FROM:** Bryan Guidry**SUBJECT:** City Council Ordinance  
Authorization for Water Sector Program Grant Applications and Matching Funds

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Attached for consideration by the Lafayette City Council is a proposed ordinance prepared by Legal (Larry Marino) authorizing the filing of five grant applications to the State of Louisiana's Water Sector Program (WSP), established by La. R.S. 39:100.56, with corresponding local match.

The State has allocated \$300 million to the WSP from the State's allocation of federal funding from the Coronavirus State Fiscal Recovery Fund pursuant to the American Rescue Plan Act. The WSP provides grant funding for repairs, improvements, and consolidation of public water systems and community sewerage systems around the state. The State will award grants for eligible projects from the WSP funds based on competitive consideration of applications from eligible applicants. The deadline for applications is November 1, 2021.

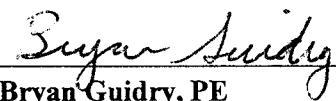
LCG, through LUS, is an eligible applicant and has identified one set of water projects and four sets of sewerage projects that meet the criteria to receive WSP grants (see attached lists). One application would be filed for each of the five sets of projects. Most of these projects were included in the 2020-2021 Five Year Capital Improvement Budget previously adopted by the Lafayette City Council, and the rest were added in the 2021-2022 Five Year Capital Improvement Budget. If awarded, grant funds would have to be expended by December 31, 2026, approximately the same time frame planned in the Capital Improvement Budgets.

Grants are limited to \$5 million per application. The WSP requires a minimum local match of 25% and allows applicants to improve their application scoring by committing to a local match of up to 76%.

The proposed ordinance would authorize the Mayor-President, or his designee, to file five grant applications with the Water Sector Program for water and sewerage projects included in the Capital Improvement Budget for up to \$5,000,000.00 per application, with commitments to provide matching funds of 25% to 76%. The ordinance would further authorize negotiations and submission of documents as appropriate to complete the application process through award of any grants.

Please submit this ordinance for introduction at the City Council meeting on October 5, 2021, and for final adoption at the City Council meeting on October 19, 2021.

Thank you,

  
\_\_\_\_\_  
**Bryan Guidry, PE**  
*Chief Civil Engineer*

## LAFAYETTE CITY COUNCIL MEETING

## AGENDA ITEM SUBMITTAL FORM

1) **JUSTIFICATION FOR REQUEST:** An ordinance of the Lafayette City Council authorizing the filing of five applications to the state Water Sector Program for \$5,000,000.00 each in grant funding for water and sewerage projects included in the Capital Improvement Budget, with commitments to provide 25% to 76% in local match.

2) **ACTION REQUESTED:** Adoption of ordinance

3) **COUNCIL DISTRICT(S) (if applicable):** \_\_\_\_\_

4) **REQUESTED ACTION OF COUNCIL:**

A) **INTRODUCTION:** October 5, 2021

B) **FINAL ADOPTION:** October 19, 2021

5) **DOCUMENTATION INCLUDED WITH THIS REQUEST:**

A) Cover Memo (10 pages)

B) Submittal Item Justification Form (1 page)

C) Ordinance (2 pages)

6) **FISCAL IMPACT:**

       Fiscal Impact

  X   No Fiscal Impact

**RECOMMENDED BY:**



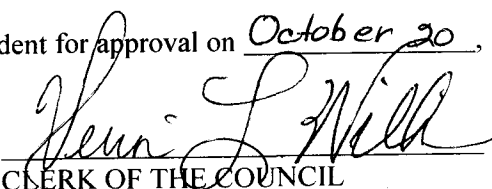
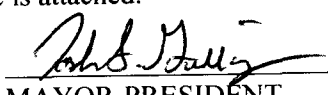
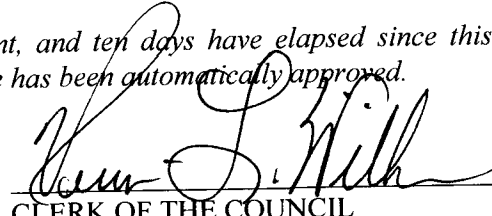
LOWELL DUHON  
INTERIM DIRECTOR OF LUS

**APPROVED FOR AGENDA:**



CYDRA WINGERTER  
CHIEF ADMINISTRATIVE OFFICER

DISPOSITION OF ORDINANCE NO. CO-141-2021

1. This ordinance was introduced: October 5, 2021  
YEAS: Lewis, Naquin,  
Hebert, Cook, Lazard  
NAYS: None  
ABSENT: None  
ABSTAIN: None
- Final disposition by Council:  
October 19, 2021  
YEAS: Lewis, Naquin,  
Hebert, Cook, Lazard  
NAYS: None  
ABSENT: None  
ABSTAIN: None
2. Notice of Public Hearing: This ordinance was published by Title and Notice of Public Hearing was published in the Advertiser on October 8, 2021.
3. This ordinance was presented to the Mayor-President for approval on October 20, 2021, at 10:30 o'clock a.m.
-   
CLERK OF THE COUNCIL
4. Disposition by Mayor-President:  
I hereby:
- A. Approve this ordinance, the 27 day of OCTOBER, 2021, at 3:05 o'clock p.m.
- B. Veto this ordinance, the \_\_\_\_\_ day of \_\_\_\_\_, 2021, at \_\_\_\_\_ o'clock \_\_\_\_\_m., veto message is attached.
- C. Line item veto certain items this \_\_\_\_\_ day of \_\_\_\_\_, 2021, at \_\_\_\_\_ o'clock \_\_\_\_\_m., veto message is attached.
-   
MAYOR-PRESIDENT
5. Returned to Council Office ~~with~~ without veto message on October 27, 2021, at 4:16 o'clock p.m.
6. Reconsideration by Council (if vetoed):  
On \_\_\_\_\_, 2021, the Council did/refused to adopt this ordinance after the Mayor-President's veto.
7. Returned to the Council Office without signature of Mayor-President (*unsigned*) on \_\_\_\_\_, 2021, at \_\_\_\_\_ o'clock \_\_\_\_\_m.
- If not signed or vetoed by the Mayor-President, and ten days have elapsed since this ordinance was presented to him for action, same has been automatically approved.*
-   
CLERK OF THE COUNCIL
8. Full publication of this ordinance was made in the Advertiser on October 22, 2021.