

SEWERAGE & WATER BOARD OF NEW ORLEANS BOARD OF DIRECTORS' MEETING

WEDNESDAY, NOVEMBER 18, 2020

9:00 AM

[November 2020 Board of Directors' Attendee Link](#)
Call In #: [+1 504-224-8698](#) United States, New Orleans (Toll)
Conference ID: 512 033 02#

PUBLIC COMMENT WILL BE ACCEPTED VIA EMAIL TO
BOARDRELATIONS@SWBNO.ORG. ALL PUBLIC COMMENTS MUST BE RECEIVED PRIOR TO
9:30 AM ON November 18, 2020. COMMENTS WILL BE READ VERBATIM INTO THE RECORD.

LaToya Cantrell, President • Tamika Duplessis, President Pro Tem • Jay H. Banks, Councilmember
Joseph Peychaud • Robin Barnes • Ralph Johnson • Alejandra Guzman • Lynes Sloss
• Maurice Sholas • Janet Howard

FINAL AGENDA

1. **ROLL CALL**

2. **APPROVAL OF MINUTES dated October 21, 2020**

3. **EXECUTIVE DIRECTOR'S REPORT**

4. **COMMITTEE REPORTS**

- Audit Committee – Director Guzman, Chair
- Finance and Administration Committee – Director Sloss, Chair
- Pension Committee – Director Peychaud, Chair

5. **CORRESPONDING RESOLUTIONS**

- Resolution (R-120-2020) West Bank Wastewater Treatment Plant Municipal Water Pollution Prevention Environmental Audit.
- Resolution (R-121-2020) East Bank Wastewater Treatment Plant Municipal Water Pollution Prevention Environmental Audit.
- Resolution (R-138-2020) Giving preliminary approval to the issuance of not exceeding Two Hundred Fifteen Million Dollars (\$215,000,000) of Sewerage Service Revenue Refunding Bonds of the City of New Orleans, Louisiana; making application to the State Bond Commission for approval of said bonds; and providing for other matters in connection therewith.
- Resolution (R-139-2020) Giving preliminary approval to the issuance of not exceeding Two Hundred Million Dollars (\$200,000,000) of Water Revenue Refunding Bonds of the City of New Orleans, Louisiana; making application to the State Bond Commission for approval of said bonds; authorizing the reimbursement of expenditures from proceeds of any such bonds; and providing for other matters in connection therewith.

General Superintendent's Resolutions

- **BIDS & RENEWALS**

- Resolution (R-119-2020) Ratification of Award of Emergency Contract 6266 – Turbine 5 Controls System Upgrade

- **CHANGE ORDERS**

- Resolution (R-122-2020) Ratification of Change Order No. 1 of Contract 1370A – 60Hz Transformers and Switchgear
- Resolution (R-127-2020) Ratification of Change Order 1 for Contract 30218 – Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish
- Resolution (R-128-2020) Ratification of Change Order 2 for Contract 1404 – Algiers Water Purification Plant Improvements Projects
- Resolution (R-125-2020) Ratification of Change Order 1 of Contract EE20-0004– 2020 Installation of Feeder CFC2 From the Plant Frequency Changer Building to Carrollton Frequency Changer Building Associated with the Extreme Emergency Declaration of Turbine 5

- **CONTRACT AMENDMENTS**

- Resolution (R-124-2020) Authorization of Amendment No. 9 to the Agreement Between the Sewerage and Water Board of New Orleans and CH2M Hill Engineers, Inc. for Program Management and Design and Engineering Services for the Retrofit Power Plant Hazard Mitigation Grant Project
- Resolution (R-108-2020) Authorization of Amendment No. 5 to the Agreement Between the Sewerage and Water Board of New Orleans and Digital Engineering & Imaging, Inc., for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-109-2020) Authorization of Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Linfield, Hunter, & Junius, Inc., for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-126-2020) Authorization of Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Rahman, & Associates, Inc., for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-130-2020) Authorization of Amendment No. 7 to the Agreement Between the Sewerage and Water Board of New Orleans and MWH Americas, Inc. (predecessor in interest to Stantec Consulting Services, Inc., for Design and Engineering Services for the Waterline Replacement Program

- **FINAL ACCEPTANCE**

- Resolution (R-129-2020) Final Acceptance of Contract EE20-0004 – 2020 Installation of Feeder CFC2 from the Plant Frequency Changer Building to Carrollton Frequency Changer Building Associated with the Extreme Emergency Declaration of Turbine 5

6. PUBLIC COMMENT

7. INFORMATION ITEMS

- Preliminary Financial Results through September 1-30, 2020
- Human Resources Report October 1-31, 2020
- General Superintendent's Report
- Special Counsel's Report
- FEMA October Project Worksheet Status
- DBE Participation on Contracts
 - Bid Recommendations
 - Construction Review Committee – Goal Setting
 - Staff Contract Review Committee – Goal Setting
 - Final Acceptance of Construction Contracts with DBE Participation

8. ADJOURNMENT

This teleconference meeting is being held pursuant to and in accordance with the provisions of Section 4 of Proclamation Number JBE 2020-30, extended by Proclamation 159 JBE 2020, pursuant to Section 3 of Act 302 of 2020.

BOARD OF DIRECTORS' MEETING

October 21, 2020

MEETING MINUTES

SEWERAGE AND WATER BOARD OF NEW ORLEANS

ROLL CALL

The Board of Directors for the Sewerage and Water Board of New Orleans (SWBNO) met on Wednesday October 21, 2020 at 9:00 AM via Microsoft team. Hon. Latoya Cantrell, Special Counsel, Ms. Yolanda Grinstead, called the roll and confirmed the following members were present: Director Dr. Tamika Duplessis, Director Joseph Peychaud, Director Lynes Sloss, Director Ralph Johnson, Director Alejandra Guzman, Director Robin Barnes, Director Maurice Sholas, Director Janet Howard and Councilmember Jay H. Banks.

The following member(s) were absent:

Staff present were: Mr. Ghassan Korban, Executive Director; Mr. Robert Turner, General Superintendent; Ms. Christy Harowski, Chief of Staff; Ms. Yolanda Grinstead, Special Counsel; Mr. Darryl Harrison, Deputy Special Counsel; Mr. Dexter Joseph, Budget Department; Mr. Robert Jackson, Customer Service; Ms. Patti Wallace, Purchasing; Ms. Irma Plummer, EDBP; Mr. Jason Higginbotham, Emergency Management, SWBNO; Ms. Tanyell Allen, Board Relations.

APPROVAL OF PREVIOUS MINUTES

Mayor Latoya Cantrell presented a motion to accept the minutes of the September 24, 2020, Board Meeting. Director Lynes Sloss moved for approval of the minutes. Director Dr. Tamika Duplessis seconded. The motion carried.

Mayor Cantrell recognized Bob Turner and acknowledged he has done a great job going through Hurricane Delta. Mr. Turner has not only been able to communicate issues and challenges but also progress as it relates to the utility.

REPORT OF THE EXECUTIVE DIRECTOR

Executive Director Ghassan Korban presented a slide overview that focused on the following topics:

- Executive Director Korban started his report sharing meter reader updates. Increase in meters read will correlate to increase in staffing available to read. The significant increase in percent of overall meter are reached each week. The goal is to reach 25% over the course of the month.
- Sewerage and Water Board are trending close to 80% of meters read.

- Mr. Korban stated SWBNO are still taking aggressive measures to make billing more predictable for customers. The team has engaged with Olameter, bringing in outside expertise to reduce backlog. The additional meter reader will increase actual reads, and this will decrease SWBNO need to estimate customers' meters and provide more accurate bills.
- Mr. Korban stated customer service is meeting our customers where they are. They have partnering with a local advocacy group. A community voice which opened the first satellite Customer Service Office in Sanchez Center in the Lower 9th Ward. This will be the first of many offices in the city.

COMMITTEE REPORTS

Finance and Administration Committee Report

Director Lynes Sloss reported on the summary and actions taken by the Finance and Administration Committee. The Finance and Administration Committee Report for the month of October was presented and recommended for approval.

Mayor Cantrell asked for a motion to adopt the Finance and Administration reports as amended. Director Maurice Sholas move to adopt Finance minutes as proposed. Director Dr. Tamika Duplessis seconded. The motion carried.

CORRESPONDING RESOLUTIONS

The following resolutions were discussed at the October 14, 2020 Finance and Administration Committee Meeting:

- Resolution (R-111-2020) Authorization to Renew and Extend Licensing Agreement with Environmental Systems Research Institute, Inc.
- Resolution (R-114-2020) Contract Award for Information Systems Management to Avenu Insights & Analytics, LLC
- Resolution (R-106-2020) Contract 2145 - Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish
- Resolution (R-100-2020) Contract 1403 Award – Construction of Carrollton Water Plant West Substation/Demolition of C7 and C8 Basins
- Resolution (R-107-2020) Authorization of Amendment No. 5 to the Agreement Between the Sewerage and Water Board of New Orleans and Neel-Schaffer, Inc., for Design and Engineering Services for the Waterline Replacement Program

- Resolution (R-116-2020) Authorization of Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Richard C. Lambert Consultants, Inc. for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-117-2020) Authorization of Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Stantec Consulting Services, Inc., for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-118-2020) Authorization of Amendment No. 2 to the Agreement Between the Sewerage and Water Board of New Orleans and Volkert, Inc., for Design and Engineering Services for the Demolition of the Two Abandoned Carrollton Water Plant Clarifiers

Mayor Cantrell presented a motion to accept the Corresponding Resolutions in globo. Director Janet Howard moved. Director Alejandra Guzman seconded. The motion carried.

Mayor Cantrell presented a motion to enter in Executive Session. Director Ralph Johnson moved. Direction Lynes Sloss seconded. The motion carried.

Mayor Cantrell presented a motion to approve Special Counsel Recommendation regarding settlements agreements on Cila projects. Director Maurice Sholas moved. Direction Janet Howard seconded. The motion carried.

Mayor Cantrell presented a motion to approve Special Counsel Recommendation regarding Churchill Downs. Director Maurice Sholas moved. Director Lynes Sloss seconded. The motion carried.

INFORMATION ITEMS

The following items were submitted for informational purposes only:

- Preliminary Financial Results through August 1- 31, 2020
- Human Resources Report September 1-31, 2020
- Report of the General Superintendent
- FEMA September Project Worksheet Status
- DBE Participation on Contracts

ADJOURNMENT

There being no further business to come before the Board, the meeting adjourned at approximately 10:14 AM.



“RE-BUILDING THE CITY’S WATER SYSTEMS FOR THE 21ST CENTURY”

EMPLOYEES’ RETIREMENT SYSTEM OF THE Sewerage & Water Board OF NEW ORLEANS

LaToya Cantrell, President

625 ST. JOSEPH STREET
NEW ORLEANS, LA 70165 • 504-529-2837 OR 52W-ATER
www.swbno.org

November 11, 2020

The Audit Committee meeting met on Tuesday, November 10, 2020 via Microsoft Teams in pursuant and in accordance with Section 4, Proclamation #JBE-2020-30; extended by Proclamation 110-JBE-2020 pursuant to Section 3 of Act 302 of 2020. The meeting was called to order at approximately 10:00 A.M.

PRESENT:

Director Robin Barnes
Director Joseph Psychaud
Director Maurice Sholas
Director Alejandra Guzman

ABSENT:

Dr. Tamika Duplessis

ALSO IN ATTENDANCE:

N/A

MEETING NOTES:

In the absence of Chairwoman Dr. Duplessis, a motion was made by Director Sholas to elect Director Alejandra Guzman as Audit Committee Pro Temp, seconded by Director Psychaud. All in favor; motion passed.

PRESENTATION ITEMS

Risk Assessment and its Benefits – Ryan Kelley with LaPorte CPAs and Business Advisors

- Committee of Sponsoring Organizations of the Treadway Commission (COSO)

- COSO’s framework is used to evaluate the internal control process of publicly traded organizations. Internal Control is pertinent to an entity’s board of directors, management, and other personnel; designed to provide reasonable assurance regarding the achievement of objectives relating to operations, reporting and compliance.
- COSO Framework
 - Control Environment
 - Risk Assessment
 - Control Activities
 - Information and Communication
 - Monitoring Activities

ACTION ITEMS

A. R-120-2020: West Bank Wastewater Treatment Plant Municipal Water Pollution Prevention Environmental Audit

- Ann Wilson, Chief of Environmental Affairs, provided a summary of audit for the period of September 2019 to August 2020.
- The evaluation of the audit included the following areas:
 - Influent loading inflow
 - Affluent quality and plant performance
 - Age of Plant (Built in 1974)
 - Sanitary Sewer and Overflows and bypass in collection systems
 - Disposal of Sewerage Sludge
 - Impact of new development on wastewater system
 - Operator certification training
- Score/ Findings (the lower the score equals no findings)
 - Age of Wastewater treatment plant: 50 (out of 50pts.)
 - (3) Total Residual Chlorine inspections failed to meet permit limits.
 - Overflows and Bypasses: 10 (out of 100 pts.)
 - Caused by excessive rain events
 - There were no overflows caused by sewerage breaks or sewer pumping malfunctions
 - To reduce overflows to collection systems, blockages, force main failures and sewer pumping outages were reviewed and the SWBNO performed the following maintenance preventive actions:
 - Inspected 88,000 feet of sewer system
 - Inspected 479 Sewer manholes
 - Completed 31 collection system repairs
 - Inspected 265 feet of sewer line using a closed-circuit visual system
 - 84,000 feet of sewer lines were cleared
 - Completed 1,196 sewer pumping station preventive maintenance task
 - 112 corrective maintenance actions
 - Overall, very positive report
- Director Sholas asked if there is a certain time expectation before this facility is obsolete or will need to be majorly replaced.
 - There are no aspects in Mrs. Wilson's report to support the need to overhaul plant.
 - Added: Our 3rd modified consent decree requires the board to determine if we are in the range of capacity of our treatment plants based on population growth.
- Overall negative report findings
 - Sanitary sewer overflows
 - Are responded to by SWBNO within 4 hours of receiving notice
- Motion to approve R-120-2020: West Bank Wastewater Treatment Plant Municipal Water Pollution Prevention Environmental Audit by Director Sholas; seconded by Director Barnes. All in favor, motion carries.
- No public comments

B. R-121-2020: East Bank Wastewater Treatment Plant Municipal Water Pollution Prevention Environmental Audit

- Monitoring period: June 2019 to May 2020
- The evaluation of the audit included the following areas:
 - Influent loading inflow
 - Affluent quality and plant performance
 - Age of Plant (Built in 1974)
 - Sanitary Sewer and Overflows and bypass in collection systems
 - Disposal of Sewerage Sludge
 - Impact of new development on wastewater system
 - Operator certification training
- Score/ Findings (Exceed permit limit)
 - Age of Wastewater treatment plant: 50 (out of 50pts.)
 - (3) Total Residual Chlorine
 - (1) Fecal Coliform
 - Overflows and Bypasses: 100 (out of 100 pts.)
 - 6 overflows caused by excessive rain events
 - 13 caused by force main breaks or malfunctions
- Corrective Action Taken
 - Revision of standard operating procedure for sodium hypochlorite dosing.
 - Instituting operational testing for total residual chlorine
 - Inspected over 1.7 million of sewer system
 - Inspected 6,918 manholes
 - Completed 290 repairs
 - Cleaned over 1 million feet on sewer system and used closed-circuit television to inspect sewer lines.
 - Cumulative tested over a billion feet using smoke testing.
 - Inspected and maintained 68 sewer force main release valves; 170 sewer force main isolation valves
 - 22 cathodic protection test which to prevent corrosion of metal piping.
- Director Sholas request a virtual tour of treatment plant: Ann Wilson to oblige request.
- Motion to approved by Director Sholas and seconded by Director Barnes; all in favor; motion carried.
- No public comments

ADJOURNMENT:

The meeting adjourned at approximately 11:07 A.M. with a motion by Director Barnes; seconded by Director Sholas.

Respectfully submitted,

Dr. Tamika Duplessis, Chairwoman



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Sewerage & Water Board OF NEW ORLEANS

LATOYA CANTRELL, PRESIDENT

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November 11, 2020

The Finance and Administration Committee met on Wednesday, November 11, 2020, via Microsoft Teams. The meeting convened at approximately 9:00 A.M.

1. ROLL CALL

Present:

Director Lynes Sloss
Director Janet Howard
Director Ralph Johnson
Director Alejandra Guzman
Director Joseph Peychaud

Absent:

N/A

Prior to beginning the meeting, Director Lynes Sloss gave his opening remarks. Mr. Sloss stated they have found a new CFO. Executive Director Mr. Korban introduced the new CFO Mr. Grey Lewis. Mr. Korban stated Mr. Lewis has over 20 years of experience in the financial and accounting role. Sewerage and Water Board welcomed him on board and looks forward to his help in moving the utility forward. Mr. Korban also thanked Ms. Lisa Daniels for stepping up and commended her for doing a phenomenal job in keeping the utility stable.

2. Cash Flow Overview

Financial Advisory, Lisa Daniels presented an update on the cash flow during COVID-19. It is important that Sewerage and Water Board ensures the cash flow continues to provide service for clean water. The end of September 2020 reflects 75% of the year. While the actual revenues and expenditures to date are close to 2019 levels, despite a 10% rate increase, reflecting the downward pressures caused by COVID-19. Management continues to identify opportunities to reduce expenditures to mitigate the negative effects of revenue depression due to COVID-19. These estimated assumptions are a model of estimations, they will continue to update this model as the data changes.

3. **ACTION ITEMS**

- Resolution (R-138-2020) Giving preliminary approval to the issuance of not exceeding Two Hundred Fifteen Million Dollars (\$215,000,000) of Sewerage Service Revenue Refunding Bonds of the City of New Orleans, Louisiana; making application to the State Bond Commission for approval of said bonds; and providing for other matters in connection therewith.

- **Director Janet Howard moved to accept R-138-2020. Director Ralph Johnson seconded. The motion carried.**

- Resolution (R-139-2020) Giving preliminary approval to the issuance of not exceeding Two Hundred Million Dollars (\$200,000,000) of Water Revenue Refunding Bonds of the City of New Orleans, Louisiana; making application to the State Bond Commission for approval of said bonds; authorizing the reimbursement of expenditures from proceeds of any such bonds; and providing for other matters in connection therewith.

- **Director Janet Howard moved to accept R-139-2020. Director Ralph Johnson seconded. The motion carried.**

General Superintendent's Report

a. Bid/Renewals

- Resolution (R-119-2020) Ratification of Award of Emergency Contract 6266 – Turbine 5 Controls System Upgrade
 - **Director Ralph Johnson moved to accept Bid Renewals. Director Janet Howard seconded. The motion carried.**

Change Orders

- Resolution (R-122-2020) Ratification of Change Order No. 1 of Contract 1370A – 60Hz Transformers and Switchgear
- Resolution (R-127-2020) Ratification of Change Order 1 for Contract 30218 – Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish
- Resolution (R-128-2020) Ratification of Change Order 2 for Contract 1404 – Algiers Water Purification Plant Improvements Projects

- Resolution (R-125-2020) Ratification of Change Order 1 of Contract EE20-0004–2020 Installation of Feeder CFC2 From the Plant Frequency Changer Building to Carrollton Frequency Changer Building Associated with the Extreme Emergency Declaration of Turbine 5
 - **Director Joseph Psychaud moved to accept Change Orders. Director Ralph Johnson seconded. The motion carried.**

Contract Amendments

- Resolution (R-124-2020) Authorization of Amendment No. 9 to the Agreement Between the Sewerage and Water Board of New Orleans and CH2M Hill Engineers, Inc. for Program Management and Design and Engineering Services for the Retrofit Power Plant Hazard Mitigation Grant Project
- Resolution (R-108-2020) Authorization of Amendment No. 5 to the Agreement Between the Sewerage and Water Board of New Orleans and Digital Engineering & Imaging, Inc., for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-109-2020) Authorization of Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Linfield, Hunter, & Junius, Inc., for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-126-2020) Authorization of Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Rahman, & Associates, Inc., for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-130-2020) Authorization of Amendment No. 7 to the Agreement Between the Sewerage and Water Board of New Orleans and MWH Americas, Inc. (predecessor in interest to Stantec Consulting Services, Inc., for Design and Engineering Services for the Waterline Replacement Program
 - **Director Janet Howard moved to accept Contract Amendments. Director Ralph Johnson seconded. The motion carried.**

Final Acceptance

- Resolution (R-129-2020) Final Acceptance of Contract EE20-0004 – 2020
Installation of Feeder CFC2 from the Plant Frequency Changer Building to Carrollton
Frequency Changer Building Associated with the Extreme Emergency Declaration of
Turbine 5
 - o **Director Joseph Peychaud moved to accept Final Acceptance. Director Alejandra Guzman seconded. The motion carried.**

4. **INFORMATION ITEMS** –

The information items were received.

5. **PUBLIC COMMENT** –

6. **ADJOURNMENT**

There being no further business to come before the Finance and Administration Committee Meeting.
The meeting adjourned at approximately 10:17 AM.

Respectfully submitted,

Lynes Sloss, Chair



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November 11, 2020

The Pension Committee met virtually on Wednesday, November 11, 2020, via Microsoft Teams. The meeting convened at approximately 10:32 A.M.

Present:

Director Joseph Peychaud
Director Ralph Johnson
Director Alejandra Guzman
Ms. Latressia Matthews
Mr. Adam Kay
Mr. Christopher Bergeron
Mr. Harold Heller
Director Maurice Sholas

Other Board Members Present:

N/A

Absent:

Councilmember Jay H. Banks

Also, in attendance: Special Counsel Mrs. Yolanda Grinstead; Deputy Special Counsel Mr. Ed Morris; Mr. Ghassan Korban, Executive Director; Mr. Edgar Lewis, Chief Financial Officer; Mr. Mitchell Bilbe and Chris Johnson from Rudd & Wisdom Inc.; and Mrs. Sonji Skipper, USM Benefits.

PRESENTATION ITEMS

Mr. Mitchell Bilbe of Rudd & Wisdom gave a brief presentation on the 2020 Actuary Report. Mr. Chris Johnson gave a brief presentation on the 2020 Cost of Living Adjustment. Mr. Johnson gave a breakdown of COLA as it relates to the recommended actions for Sewerage and Water Board.

ACTION ITEMS

- Resolution (R-113-2020) January 1, 2020 Cost of Living Adjustment for Board Pensioners
 - Director Psychaud made a motion to adopt the resolution. Mr. Keller moved. Mr. Bergeron seconded. The motion carried.
- Director Psychaud made a motion for Resolution (R-142-2020) to precede Resolution (R-140-2020)
 - Director Sholas moved. Director Guzman seconded. The motion carried
- Resolution (R-141-2020) 2020 Sewerage and Water Board's Contribution to the Employees' Retirement System of the Sewerage and Water Board of New Orleans
 - Director Psychaud made a motion to adopt the resolution. Mr. Keller moved. Director Guzman seconded. The motion carried.
- Resolution (R-142-2020) Acceptance of the 2020 Experience Study of Rudd & Wisdom
 - Director Psychaud ask the Executive Director to explain the recommended action.
 - Mr. Bergeron ask for clarity between the recommended action in Resolution (R-140 – 2020) and Resolution (R-142-2020) to ensure no conflict
 - Director Psychaud made a motion to adopt the resolution. Director Sholas moved. Mr. Bergeron seconded. The motion carried
- Resolution (R-140-2020) The Board of Directors of the Sewerage and Water Board of New Orleans in Reference to the Employees' Retirement System of the Sewerage and Water Board
 - Director Psychaud made a motion to adopt the resolution. Mr. Bergeron motioned. Director Sholas seconded. The motion carried.

PUBLIC COMMENT – None.

INFORMATION ITEMS

The information items were received.

ADJOURNMENT:

There being no further business to come before the Pension Committee, Director Psychaud made a motion to adjourn. Mr. Bergeron accepted. Mr. Keller seconded. The motion carried. The meeting adjourned at approximately 11:16 A.M.

Respectfully submitted,

Mr. Joseph Psychaud, Chair



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: October 23, 2020

From: Ann Wilson
Chief of Environmental Affairs *AW*

Via: Robert Turner, P.E.
General Superintendent

To: Ghassan Korban, P.E.
Executive Director

Re: Municipal-Water Pollution Audit for West Bank STP

Enclosed please find a recommendation from the Chief of Environmental Affairs for the approval of resolution for the Municipal Water Pollution (MWPP) Audit for West Bank Sewer Treatment Plant (WBSTP). The Louisiana Pollutant Discharge Elimination System Permit No. LA0038105 requires SWBNO Board of Directors review. This is an annual requirement of the permit. There is no financial requirement associated with the MWPP Audit review.

I would appreciate you forwarding this to the attention of the appropriate committees of the Board for consideration and approval.

APPROVED:

ROBERT A TURNER

Robert Turner, P.E.
General Superintendent

LOUISIANA

MUNICIPAL WATER POLLUTION PREVENTION

MWPP



Facility Name:	New Orleans West Bank WWTP
LPDES Permit Number:	LA0038105
Agency Interest (AI) Number:	4688
Address:	3501 Canal Street
	New Orleans, LA 70131
Parish:	Orleans
(Person Completing Form) Name:	Scott Oalmann
Title:	Project Manager
Date Completed:	09/23/2020

Instructions to the Operator-in-Charge

- 1. Complete only the sections of the Environmental Audit which apply to your wastewater treatment system. Leave sections that do not apply blank and enter a "0" for the point value.**
- 2. Parts 1 through 7 contain questions for which points may be generated. These points are intended to communicate to the department and the governing body or owner what actions will be necessary to prevent effluent violations. Place the point totals from parts 1 through 7 on the Point Calculation page.**
- 3. Add up the point totals.**
- 4. Submit the Environmental Audit to the governing body or owner for their review and approval.**
- 5. The governing body must pass a resolution which contains the following items:**
 - a. The resolution or letter must acknowledge the governing body or owner has reviewed the Environmental Audit.**
 - b. The resolution must indicate specific actions, if any, will be taken to maintain compliance and prevent effluent violations. Proposed actions should address the parts where maximum or close to maximum points were generated in the Environmental Audit.**
 - c. The resolution should provide any other information the governing body deems appropriate.**

PART 1: INFLUENT FLOW/LOADINGS

Part 1: Influent Flow/Loadings (All plants)

A. List the average monthly volumetric flows and BOD loadings received at your facility during the last reporting year.

Col. 1 Average Monthly Flow (million gallons per day, MGD)		Col. 2 Average Monthly BOD ₅ Concentration (mg/l)		Col. 3 Average Monthly BOD ₅ Loading (pounds per day)	
Sep-19	7.891	X	88	X 8.34 =	5,791
Oct-19	12.754	X	75	X 8.34 =	7,978
Nov-19	11.245	X	80	X 8.34 =	7,503
Dec-19	13.234	X	82	X 8.34 =	9,050
Jan-20	20.314	X	70	X 8.34 =	11,859
Feb-20	20.130	X	68	X 8.34 =	11,416
Mar-20	8.209	X	91	X 8.34 =	6,230
Apr-20	7.019	X	87	X 8.34 =	5,093
May-20	6.967	X	78	X 8.34 =	4,532
Jun-20	10.972	X	60	X 8.34 =	5,490
Jul-20	12.129	X	50	X 8.34 =	5,058
Aug-20	9.644	X	48	X 8.34 =	3,861

BOD loading = Average Monthly Flow (in MGD) x Average Monthly BOD concentration (in mg/l) x 8.34.

B. List the design flow and design BOD loading for your facility in the blanks below. If you are not aware of these design quantities, refer to your Operation and Maintenance Manual (O & M) or contact your consulting engineer.

Design Flow, MGD

40

X 0.90 =

36

Design BOD, lb/day

29,945

X 0.90 =

26,950

- C. How many months did the monthly flow (Col. 1) to the wastewater treatment plant (WWTP) exceed 90% of design flow?

Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12	months
points	0	0	0	0	0	5	5	5	5	5	5	5	5	points

Write 0 or 5 in the C point total box C Point Total

- D. How many months did the monthly flow (Col. 1) to the WWTP exceed the design flow?

Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12	months
points	0	5	5	10	10	15	15	15	15	15	15	15	15	points

Write 0, 5, 10, or 15 in the D point total box D Point Total

- E. How many months did the monthly BOD loading (Col. 3) to the WWTP exceed 90% of the design loading?

Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12	months
points	0	0	5	5	5	0	10	10	10	10	10	10	10	points

Write 0, 5, or 10 in the E point total box E Point Total

- F. How many times did the monthly BOD loading (Col. 3) to the WWTP exceed the design loading?

Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12	months
points	0	10	20	30	40	50	50	50	50	50	50	50	50	points

Write 0, 10, 20, 30, 40, or 50 in the F point total box F Point Total

- G. Add together each point total for C through F and place this sum in the box below at the right.

TOTAL POINT VALUE FOR PART 1 **(max=80)**

Also enter this value on the point calculation table on page 16.

PART 2: EFFLUENT QUALITY/PLANT PERFORMANCE

- A. List the monthly average effluent BOD and TSS concentrations produced by your facility during the last reporting year.

Month	Column 1 Avg. Monthly BOD (mg/l)	Column 2 Avg. Monthly TSS (mg/l)
Sep-19	5	7
Oct-19	7	9
Nov-19	8	10
Dec-19	10	12
Jan-20	10	16
Feb-20	9	15
Mar-20	10	12
Apr-20	11	13
May-20	8	11
Jun-20	9	12
Jul-20	8	13
Aug-20	7	10

- B. List the monthly average permit limits for your facility in the blanks below.

	Permit Limit		90% of Permit Limit
BOD, mg/l	30	X 0.90 =	27
TSS, mg/l	30	X 0.90 =	27

C. Continuous Discharge to Surface Water

- i. How many months did the effluent BOD concentration (Col. 1) exceeds 90% of permit limits?
Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	<u>0</u>	1	2	3	4	5	6	7	8	9	10	11	12	months
points	<u>0</u>	0	10	20	30	40	40	40	40	40	40	40	40	points

Write 0, 10, 20, 30 or 40 in the i point total box i Point Total

- ii. How many months did the effluent BOD concentration (Col. 1) exceeds permit limits?
Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	<u>0</u>	1	2	3	4	5	6	7	8	9	10	11	12	months
points	<u>0</u>	5	5	10	10	10	10	10	10	10	10	10	10	points

Write 0, 5, or 10 in the ii point total box ii Point Total

- iii. How many months did the effluent TSS concentration (Col. 2) exceed 90% of permit limits?
Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	<u>0</u>	1	2	3	4	5	6	7	8	9	10	11	12	months
points	<u>0</u>	0	10	20	30	40	40	40	40	40	40	40	40	points

Write 0, 10, 20, 30, or 40 in the iii point total box iii Point Total

- iv. How many months did the effluent TSS concentration (Col.2) exceed permit limits?
Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	<u>0</u>	1	2	3	4	5	6	7	8	9	10	11	12	months
points	<u>0</u>	5	5	10	10	10	10	10	10	10	10	10	10	points

Write 0, 5, or 10 in the iv point total box iv Point Total

- v. Add together each point total for i through iv and place this sum in the box below at the right.

TOTAL POINT VALUE FOR PART 2

Also enter this value on the point calculation table on page 15.

(max=100)

D. Other Monitoring and Limits

- i. At any time in the past year was there an exceedance of a permit limit for other pollutants such as: ammonia-nitrogen, phosphorus, pH, residual chlorine, or fecal coliform?

✓ Check one box

☒

Yes

☐

No

If yes, please describe:

09/13/2019, the Total Residual Chlorine (TRC) exceeded its daily limit of 1.4 mg/l. The result was 1.5 mg/l.
 07/02/2020, the Total Residual Chlorine (TRC) exceeded its daily limit of 1.7 mg/l. The result was 1.81 mg/l.
 08/25/2020, the Total Residual Chlorine (TRC) exceeded its daily limit of 1.7 mg/l. The result was 1.8 mg/l.

- ii. At any time in the past year was there a “failure” of a Biomonitoring (Whole Effluent Toxicity) test of the effluent?

✓ Check one box

☐

Yes

☒

No

If yes, please describe:

- iii. At any time in the past year was there an exceedance of a permit limit for a toxic substance?

✓ Check one box

☒

Yes

☐

No

If yes, please describe:

In the past year the following toxic substances for effluent samples were exceeded:

Substance:	Limit:	Result:	Date :
Aluminum	2.5 ug/l	70.4 ug/l	09/10-12/2019
Copper	3 ug /l	4.0 ug/l	09/10-12/2019
Cyanide	10 ug/l	10.6 ug/l	09/10-12/2019
Lead	2 ug/l	2.2 ug/l	09/10-12/2019
Mercury	0.0005 ug/l	0.00421ug/l	09/10-12/2019
Aluminum	2.5 ug/l	56.2 ug/l	03/17-18/2020
Arsenic	5 ug/l	8.3 ug/l	03/17-18/2020
Chromium VI	10 ug/l	18 ug/l	03/17-18/2020
Copper	3 ug/l	3.9 ug/l	03/17-18/2020
Mercury	0.0005 ug/l	0.0045 ug/l	03/17-18/2020
Phenols	5 ug/l	24 ug/l	03/17-18/2020
Zinc	20 ug/l	28.2 ug/l	03/17-18/2020

PART 3: AGE OF THE WASTEWATER TREATMENT FACILITIES

- A. What year was the wastewater treatment plant constructed or last major expansion/improvements completed? 1974

$$\begin{array}{rclcl} \text{Current Year} & - & (\text{Answer to A}) & = & \text{Age in years} \\ \hline 2020 & - & 1974 & = & 46 \text{ years} \end{array}$$

Enter Age in Part C below.

- B. Check the type of treatment facility that is employed:

		Factor
<u>X</u>	Mechanical Treatment Plant (Trickling filter, activated sludge, etc.) Specify Type <u>Trickling Filter</u>	2.5
<u> </u>	Aerated Lagoon	2.0
<u> </u>	Stabilization Pond	1.5
<u> </u>	Other (Specify) <u> </u>	1.0

- C. Multiply the factor listed next to the type of facility your community employs by the age of your facility to determine the total point value of Part 3:

$$\text{TOTAL POINT VALUE FOR PART 3} = \frac{2.5}{\text{FACTOR}} \times \frac{46}{\text{AGE}} = \boxed{115} \quad (\text{max.} = 50)$$

Also enter this value or 50, whichever is less, on the point calculation table on page 15.

- D. Please attach a schematic of the treatment plant.

PART 4: OVERFLOWS AND BYPASSES

- A. (1) List the number of times in the last year there was an overflow, bypass, or unpermitted discharge of untreated or incompletely treated wastewater due to heavy rain: 2

(Circle One) 0 = 0 points 1 = 5 points 2 = 10 points
 3 = 15 points 4 = 30 points 5 or more = 50 points

- (2) List the number of bypasses, overflows, or unpermitted discharges shown in A (1) that were within the collection system and the number at the treatment plant.

Collection System 2 Treatment Plant 0

- B. (1) List the number of times in the last year there was a bypass or overflow of untreated or incompletely treated wastewater due to equipment failure, either at the treatment plant or due to pumping problems in the collection system: 2

(Circle One) 0 = 0 points 1 = 5 points 2 = 10 points
 3 = 15 points 4 = 30 points 5 or more = 50 points

- (2) List the number of bypasses or overflows shown in B (1) that were within the collection system and the number at the treatment plant.

Collection System 0 Treatment Plant 0

- C. Specify whether the bypasses came from the city or village sewer system or from contract or tributary communities/sanitary districts, etc.

The collection system bypass came from the city's sewer system.

- D. Add the point values circled for A and B and place the total in the box below.

TOTAL POINT VALUE FOR PART 4 10 (max=100)

Also enter this value on the point calculation table on page 15.

- E. List the person responsible for reporting overflows, bypasses, or unpermitted discharges to State and Federal authorities:

Bypass report is signed by the Executive Director of the SWBNO. The report is submitted to the Department of Environmental Quality.

Describe the procedure for gathering, compiling, and reporting:

RJN Cassworks Infrastructure Maintenance Management System is used to track overflows by retrieving pertinent information from work orders.

PART 5: SLUDGE STORAGE AND DISPOSAL SITES

A. Sludge Storage

How many months of sludge storage capacity does your wastewater treatment facility have available, either on-site or off-site?

Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	<2	2	3	4 to 5	(>6)	months
points	50	30	20	10	(0)	points

Write 0, 10, 20, 30, or 50 in the A point total box A Point Total

B. For how many months does your facility have access to (and approval for) sufficient land disposal sites to provide proper land disposal?

Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	<2	6 to 11	12 to 23	24 to 35	(>36)	months
points	50	30	20	10	(0)	points

Write 0, 10, 20, 30, or 50 in the B point total box B Point Total

C. Add together the A and B point values and place this sum in the box below at the right:

TOTAL POINT VALUE FOR PART 5 (max=100)

Also enter this value on the point calculation table on page 15.

PART 6: NEW DEVELOPMENT

- A. Please provide the following information for the total of all sewer line extensions which were installed during the last year. NA

Design Population: _____

Design Flow: _____ MGD

Design BOD₅: _____ mg/l

- B. Has an industry (or other development) moved into the community or expanded production in the past year, such that either flow or pollutant loadings to the sewerage system were significantly increased (5% or greater)?
(Circle One) **No** = 0 points Yes = 15 points

Describe: _____

List any new pollutants: _____

- C. Is there any development (industrial, commercial, or residential) anticipated in the next 2-3 years, such that either flow or pollutant loadings to the sewerage system could significantly increase?
(Circle One) **No** = 0 points Yes = 15 points

Describe: _____

List any new pollutants that you anticipate: _____

- D. Add together the point value circled in B and C and place the sum in the blank below.

TOTAL POINT VALUE FOR PART 6 0 (max=30)

Also enter this value on the point calculation table on page 15.

PART 7: OPERATOR CERTIFICATION AND EDUCATION

- A. What was the name of the operator-in-charge for the reporting year? Cantrelle Larkins
- B. What is his/her certification number? #15-250 October, 1992
- C. What level of certification is the operator-in-charge required to have to operate the wastewater treatment plant?
Class IV Wastewater Treatment
- D. What is the level of certification of the operator-in-charge? Class IV Wastewater Treatment **Level Certified**
- E. Was the operator-in-charge of the report year certified at least at the grade level required in order to operate this plant?

✓ Check one box ☒ yes = 0 points ☐ no = 50 points

Write 0 or 50 in the E point total box E Point Total

- F. Has the operator-in-charge maintained recertification requirements during the reporting year?
- ✓ Check one box ☒ yes ☐ no
- G. How many hours of continuing education have the operator-in-charge completed over the last two calendar years?
- ✓ Check one box ☒ 12 hours or more = 0 points ☐ Less than 12 hours = 50 points

Write 0 or 50 in the G point total box G Point Total

- H. Is there a written policy regarding continuing education and training for wastewater treatment plant employees?
- ✓ Check one box ☒ yes ☐ no

Explain:

All personnel maintained at least 16 hours of training every two years for Wastewater Treatment certifications. Veolia implements an internal training and safety program that meets all State Operator Certification training requirements. Additionally, 16 hours of cross training are provided

- I. What percentage of the continuing education expenses of the operator-in-charge were paid for:
- By the permittee? 100% Veolia
- By the operator? _____

- J. Add together the E and G point values and place this sum in the box below at the right:

TOTAL POINT VALUE FOR PART 7 (max=100)

Also enter this value on the point calculation table on page 15.

PART 8: FINANCIAL STATUS

A. Are User-Charge Revenues sufficient to cover operation and maintenance expenses?

Check one box

☒

Yes

☐

No

If no, how are O & M costs being financed?

Explain:

In 2012, the New Orleans City Council approved eight consecutive annual 10 percent water rate increases beginning January 1, 2013.

Revenue from Plumbing Inspections, License Fees and Other Miscellaneous Revenue

B. What financial resources do you have available to pay for your wastewater improvements and reconstruction needs?

Revenues in excess of expenses and proceeds from bond issues.

PART 9: SUBJECTIVE EVALUATION

A. Collection System Maintenance

1. Describe what sewer system maintenance work has been done in the last year.

Sewer Line Cleanings: 84,000 feet
 Sewer Repairs: 31
 Sewer Manhole Inspections 479
 Inspected 88,000 feet of the sewer system smoke testing
 Inspected a total of 265 feet sewer line utilizing CCTV

2. Describe what lift station work has been done in the last year.

1,196 Preventative Maintenance Actions
 112 Corrective Maintenance Actions

3. What collection system improvements does the community have under consideration for the next 5 years?

Even though the West Bank is not mandated to improve the collection system in accordance with the Third Modified Consent Decree, repairs and improvements are made when identified through sewer main inspections, sewer main cleaning and manhole inspections.

B. If you have ponds, please answer the following questions: N/A

- | | | |
|--|------------------------------|-----------------------------|
| 1. Do you have duckweed buildup in your ponds? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. Do you mow your dikes regularly (at least monthly), to the waters edge? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. Do you have bushes or trees growing on the dikes or in the ponds? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Do you have excess sludge buildup (>1 foot) on the bottom of any of your ponds? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5. Do you exercise all of your valves? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 6. Are your control manholes in good structural shape? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 7. Do you maintain at least three feet of freeboard in all your ponds? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 8. Do you visit your pond system, at least weekly? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

C. Treatment Plants

1. Have the influent and effluent flow meters been calibrated in the last year? ☒ Yes ☐ No

Influent flow meter calibration date(s):

Effluent flow meter calibration date(s):

The most recent calibration of that period –
12/10/2019 –The most recent calibration of that period –
08/27/2019 – The Flow Meters are calibrated
monthly

2. What problems, if any, have been experienced over the last year that has threatened treatment?

None

3. Is your community presently involved in formal planning for treatment facility upgrading?

☐

Yes

☒

No If yes, describe:

D. Preventive Maintenance

1. Does your plant have a written plan for preventive maintenance on major equipment items?

☒ Yes ☐ No If yes, describe:

Current system utilizes a computer-generated maintenance work order system for both preventive and emergency repairs on all components in the plants.

Each piece of equipment's O&M manual is closely followed to ensure all factory preventive maintenance recommendations are performed.

2. Does this preventive maintenance program depict frequency of intervals, types of lubrication, and other preventive maintenance tasks necessary for each piece of equipment? ☒ Yes ☐ No
3. Are these preventive maintenance tasks, as well as equipment problems, being recorded and filed so future maintenance problems can be assessed properly? ☒ Yes ☐ No

E. Sewer Use Ordinance

1. Does your community have a sewer use ordinance that limits or prohibits the discharge of excessive conventional pollutants (BOD, TSS, or pH) or toxic substances to the sewer from industries, commercial users, and residences?

☒ Yes ☐ No If yes, describe:

E.P.A. approved Pretreatment Program and Section 16 of the Sewerage & Water Board of New Orleans Plumbing Code.

The implementation of a Fats, Oils, and Grease Program, Section 16.5 of the Sewerage & Water Board of New Orleans Plumbing Code, that involves the annual issuance of a Grease Trap Discharge Permit to all Food Service Establishments in Orleans Parish.

2. Has it been necessary to enforce? ☒ Yes ☐ No If yes, describe:

E.P.A. approved Pretreatment Program requires sampling/monitoring of Significant Industrial Users to demonstrate compliance with applicable Federal, State and Local discharge requirements.

F. Any additional comments about your treatment plant or collection system? (Attach additional sheet if necessary.)

POINT CALCULATION TABLE

Fill in the values from parts 1 through 7 in the columns below. Add the numbers in the left column to determine the point total that the wastewater system has generated for the previous year.

	Actual Values	Actual Values	Maximum
Part 1:	Influent Flow/Loadings	<u>0</u>	80 Points
Part 2:	Effluent Quality/Plant Performance	<u>0</u>	100 Points
Part 3:	Age of WWTP	<u>50</u>	50 Points
Part 4:	Overflows and Bypasses	<u>10</u>	100 Points
Part 5:	Ultimate Disposition of Sludge	<u>0</u>	100 Points
Part 6:	New Development	<u>0</u>	30 Points
Part 7:	Operator Certification Training	<u>0</u>	100 Points

TOTAL POINTS

60



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: October 23, 2020

From: Ann Wilson
Chief of Environmental Affairs *aw*

Via: Robert Turner, P.E.
General Superintendent


To: Ghassan Korban, P.E.
Executive Director

Re: Municipal Water Pollution Audit for East Bank STP

Enclosed please find a recommendation from the Chief of Environmental Affairs for the approval of resolution for the Municipal Water Pollution (MWPP) Audit for East Bank Sewer Treatment Plant (EBSTP). The Louisiana Pollutant Discharge Elimination System Permit No. LA0038091 requires SWBNO Board of Directors review. This is an annual requirement of the permit. There is no financial requirement associated with the MWPP Audit review.

I would appreciate you forwarding this to the attention of the appropriate committees of the Board for consideration and approval.

APPROVED:

 **ROBERT A TURNER**

Robert Turner, P.E.
General Superintendent

LOUISIANA

MUNICIPAL WATER POLLUTION PREVENTION

MWPP



Facility Name: New Orleans East Bank WWTP

LPDES Permit Number: LA0038091

Agency Interest (AI) Number: 4859

Address: 6501 Florida Ave.

New Orleans, LA 70117

Parish: Orleans

(Person Completing Form) Name: Scott Oalmann

Title: Project Manager

Date Completed: 07/24/2020

Instructions to the Operator-in-Charge

- 1. Complete only the sections of the Environmental Audit which apply to your wastewater treatment system. Leave sections that do not apply blank and enter a "0" for the point value.**
- 2. Parts 1 through 7 contain questions for which points may be generated. These points are intended to communicate to the department and the governing body or owner what actions will be necessary to prevent effluent violations. Place the point totals from parts 1 through 7 on the Point Calculation page.**
- 3. Add up the point totals.**
- 4. Submit the Environmental Audit to the governing body or owner for their review and approval.**
- 5. The governing body must pass a resolution which contains the following items:**
 - a. The resolution or letter must acknowledge the governing body or owner has reviewed the Environmental Audit.**
 - b. The resolution must indicate specific actions, if any, will be taken to maintain compliance and prevent effluent violations. Proposed actions should address the parts where maximum or close to maximum points were generated in the Environmental Audit.**
 - c. The resolution should provide any other information the governing body deems appropriate.**

PART 1: INFLUENT FLOW/LOADINGS

Part 1: Influent Flow/Loadings (All plants)

- A. List the average monthly volumetric flows and BOD loadings received at your facility during the last reporting year.**

	Col. 1 Average Monthly Flow (million gallons per day, MGD)		Col. 2 Average Monthly BOD ₅ Concentration (mg/l)		Col. 3 Average Monthly BOD ₅ Loading (pounds per day)
Jun-19	77.850	X	74	X 8.34 =	48,046
Jul-19	110.897	X	55	X 8.34 =	50,868
Aug-19	106.116	X	67	X 8.34 =	59,295
Sep-19	85.607	X	87	X 8.34 =	62,115
Oct-19	95.532	X	75	X 8.34 =	59,775
Nov-19	90.343	X	85	X 8.34 =	64,044
Dec-19	86.442	X	89	X 8.34 =	64,162
Jan-20	108.029	X	88	X 8.34 =	79,285
Feb-20	116.203	X	80	X 8.34 =	77,531
Mar-20	91.181	X	98	X 8.34 =	74,524
Apr-20	95.52	X	87	X 8.34 =	69,307
May-20	103.123	X	74	X 8.34 =	63,643

BOD loading = Average Monthly Flow (in MGD) x Average Monthly BOD concentration (in mg/l) x 8.34.

- B. List the design flow and design BOD loading for your facility in the blanks below. If you are not aware of these design quantities, refer to your Operation and Maintenance Manual (O & M) or contact your consulting engineer.**

Design Flow, MGD

122

X 0.90 =

110

Design BOD, lb/day

254,370

X 0.90 =

228,933

- C. How many months did the monthly flow (Col. 1) to the wastewater treatment plant (WWTP) exceed 90% of design flow?

Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12	months
points	0	0	0	0	0	5	5	5	5	5	5	5	5	points

Write 0 or 5 in the C point total box C Point Total

- D. How many months did the monthly flow (Col. 1) to the WWTP exceed the design flow? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12	months
points	0	5	5	10	10	15	15	15	15	15	15	15	15	points

Write 0, 5, 10, or 15 in the D point total box D Point Total

- E. How many months did the monthly BOD loading (Col. 3) to the WWTP exceed 90% of the design loading? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12	months
points	0	0	5	5	5	0	10	10	10	10	10	10	10	points

Write 0, 5, or 10 in the E point total box E Point Total

- F. How many times did the monthly BOD loading (Col. 3) to the WWTP exceed the design loading? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	0	1	2	3	4	5	6	7	8	9	10	11	12	months
points	0	10	20	30	40	50	50	50	50	50	50	50	50	points

Write 0, 10, 20, 30, 40, or 50 in the F point total box F Point Total

- G. Add together each point total for C through F and place this sum in the box below at the right.

TOTAL POINT VALUE FOR PART 1 (max=80)

Also enter this value on the point calculation table on page 16.

PART 2: EFFLUENT QUALITY/PLANT PERFORMANCE

- A. List the monthly average effluent BOD and TSS concentrations produced by your facility during the last reporting year.

Month	Column 1 Avg. Monthly BOD (mg/l)	Column 2 Avg. Monthly TSS (mg/l)
Jun-2019	21	15
Jul-2019	22	24
Aug -2019	20	23
Sep – 2019	19	17
Oct – 2019	20	16
Nov – 2019	26	18
Dec – 2019	23	16
Jan – 2020	24	20
Feb – 2020	22	25
Mar – 2020	21	25
Apr – 2020	19	18
May – 2020	19	24

- B. List the monthly average permit limits for your facility in the blanks below.

	Permit Limit		90% of Permit Limit
BOD, mg/l	30	X 0.90 =	27
TSS, mg/l	30	X 0.90 =	27

- C. Continuous Discharge to Surface Water

- i. How many months did the effluent BOD concentrations (Col. 1) exceed 90% of the permit limits? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	(0)	1	2	3	4	5	6	7	8	9	10	11	12	months
points	(0)	0	10	20	30	40	40	40	40	40	40	40	40	points

Write 0, 10, 20, 30 or 40 in the i point total box i Point Total

- ii. How many months did the effluent BOD concentration (Col. 1) exceeds permit limits? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	(0)	1	2	3	4	5	6	7	8	9	10	11	12	months
points	(0)	5	5	10	10	10	10	10	10	10	10	10	10	points

Write 0, 5, or 10 in the ii point total box ii Point Total

- iii. How many months did the effluent TSS concentration (Col. 2) exceed 90% of the permit limits? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	(0)	1	2	3	4	5	6	7	8	9	10	11	12	months
points	(0)	0	10	20	30	40	40	40	40	40	40	40	40	points

Write 0, 10, 20, 30, or 40 in the iii point total box iii Point Total

- iv. How many months did the effluent TSS concentration (Col. 2) exceed permit limits? Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	(0)	1	2	3	4	5	6	7	8	9	10	11	12	months
points	(0)	5	5	10	10	10	10	10	10	10	10	10	10	points

Write 0, 5, or 10 in the iv point total box iv Point Total

- v. Add together each point total for i through iv and place this sum in the box below at the right.

TOTAL POINT VALUE FOR PART 2

Also enter this value on the point calculation table on page 16.

(max=100)

D. Other Monitoring and Limits

- i. At any time in the past year was there an exceedance of a permit limit for other pollutants such as: ammonia-nitrogen, phosphorus, pH, residual chlorine, or fecal coliform?

✓ Check one box

☒

Yes

☐

No

If yes, please describe:

09/27/2019, the Total Residual Chlorine (TRC) exceeded its daily limit of 0.5 mg/l. The result was 0.6 mg/l.
 02/04/2020, the Total Residual Chlorine (TRC) exceeded its daily limit of 0.5 mg/l. The result was 0.56 mg/l.
 04/20/2020, the Total Residual Chlorine (TRC) exceeded its daily limit of 0.5 mg/l. The result was 0.53 mg/l.
 04/28/2020, the Fecal Coliform exceeded its daily limit of 400 colonies/100ml. The result was 4500 colonies/100ml.

- ii. At any time in the past year was there a “failure” of a Biomonitoring (Whole Effluent Toxicity) test of the effluent?

✓ Check one box

☐

Yes

☒

No

If yes, please describe:

- iii. At any time in the past year was there an exceedance of a permit limit for a toxic substance?

✓ Check one box

☒

Yes

☐

No

If yes, please describe:

In the past year the following toxic substances for effluent samples were exceeded:

<u>Substance:</u>	<u>Limit:</u>	<u>Result:</u>	<u>Date:</u>
Zinc	20 ug/l	20.7 ug/l	09/10-12/2019
Phenols	10 ug/l	34 ug/l	03/17-18/2020
Chromium	10 ug/l	21 ug/l	03/17-18/2020
Zinc	20 ug/l	22.1 ug/l	03/17-18/2020

A. What year was the wastewater treatment plant constructed or last major expansion/improvements completed? 1974

$$\begin{array}{rclcl} \text{Current Year} & - & (\text{Answer to A}) & = & \text{Age in years} \\ 2020 & - & 1974 & = & 46 \text{ years} \end{array}$$

Enter Age in Part C below.

- B. Check the type of treatment facility that is employed:

Mechanical Treatment		Factor
X	Plant	2.5
	(Trickling filter, activated sludge, etc.)	
	Specify Type <u>Activated Sludge</u>	
	Aerated Lagoon	2.0
	Stabilization Pond	1.5
	Other (Specify)	1.0

- C. Multiply the factor listed next to the type of facility your community employs by the age of your facility to determine the total point value of Part 3:

TOTAL POINT VALUE FOR PART 3 = $\frac{2.5}{\text{FACTOR}} \times \frac{46}{\text{AGE}} = \boxed{115} \text{ (max. = 50)}$

Also enter this value or 50, which ever is less, on the point calculation table on page 16.

- D. Please attach a schematic of the treatment plant.

PART 4: OVERFLOWS AND BYPASSES

- A. (1) List the number of times in the last year there was an overflow, bypass, or unpermitted discharge of untreated or incompletely treated wastewater due to heavy rain: _____

(Circle One) 0 = 0 points 1 = 5 points 2 = 10 points
 3 = 15 points 4 = 30 points 5 or more = 50 points

- (2) List the number of bypasses, overflows, or unpermitted discharges shown in A (1) that were within the collection system and the number at the treatment plant.

Collection System 6 Treatment Plant 0

- B. (1) List the number of times in the last year there was a bypass or overflow of untreated or incompletely treated wastewater due to equipment failure, either at the treatment plant or due to pumping problems in the collection system: 13

(Circle One) 0 = 0 points 1 = 5 points 2 = 10 points
 3 = 15 points 4 = 30 points 5 or more = 50 points

- (2) List the number of bypasses or overflows shown in B (1) that were within the collection system and the number at the treatment plant.

Collection System 13 Treatment Plant 0

- C. Specify whether the bypasses came from the city or village sewer system or from contract or tributary communities/sanitary districts, etc.

All of the aforementioned bypasses came from the City's sanitary sewerage system.

- D. Add the point values circled for A and B and place the total in the box below.

TOTAL POINT VALUE FOR PART 4 100 (max=100)

Also enter this value on the point calculation table on page 16.

- E. List the person responsible for reporting overflows, bypasses, or unpermitted discharges to State and Federal authorities:

Ghassan Korban, P.E. Executive Director SWBNO

Describe the procedure for gathering, compiling, and reporting:

RJN Cassworks Infrastructure Maintenance Management System is used to track overflows by retrieving pertinent information from work orders.

PART 5: SLUDGE STORAGE AND DISPOSAL SITES

A. Sludge Storage

How many months of sludge storage capacity does your wastewater treatment facility have available, either on-site or off-site?

Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	<2	2	3	4 to 5	>6	months
points	50	30	20	10	0	points

Write 0, 10, 20, 30, or 50 in the A point total box 0 A Point Total

B. For how many months does your facility have access to (and approval for) sufficient land disposal sites to provide proper land disposal?

Circle the number of months and corresponding point total. Write the point total in the box below at the right.

months	<2	6 to 11	12 to 23	24 to 35	>36	months
points	50	30	20	10	0	points

Write 0, 10, 20, 30, or 50 in the B point total box 0 B Point Total

C. Add together the A and B point values and place this sum in the box below at the right:

TOTAL POINT VALUE FOR PART 5 0 (max=100)

Also enter this value on the point calculation table on page 16.

PART 6: NEW DEVELOPMENT

- A. Please provide the following information for the total of all sewer line extensions which were installed during the last year. N/A

Design Population: _____

Design Flow: _____ MGD

Design BOD₅: _____ mg/l

- B. Has an industry (or other development) moved into the community or expanded production in the past year, such that either flow or pollutant loadings to the sewerage system were significantly increased (5% or greater)?

(Circle One)

No

= 0 points

Yes = 15 points

Describe: _____

List any new pollutants: _____

- C. Is there any development (industrial, commercial, or residential) anticipated in the next 2-3 years, such that either flow or pollutant loadings to the sewerage system could significantly increase?

(Circle One)

No

= 0 points

Yes = 15 points

Describe: _____

List any new pollutants that you anticipate: _____

- D. Add together the point value circled in B and C and place the sum in the blank below.

TOTAL POINT VALUE FOR PART 6

0

(max=30)

Also enter this value on the point calculation table on page 16.

PART 7: OPERATOR CERTIFICATION AND EDUCATION

- A. What was the name of the operator-in-charge for the reporting year? Steve Benjamin
- B. What is his/her certification number? #21-001; January 1992
- C. What level of certification is the operator-in-charge required to have to operate the wastewater treatment plant?
Class IV Wastewater Treatment
- D. What is the level of certification of the operator-in-charge? Class IV Wastewater Treatment **Level Certified**
- E. Was the operator-in-charge of the report year certified at least at the grade level required in order to operate this plant?

✓ Check one box ☒ yes = 0 points ☐ no = 50 points

Write 0 or 50 in the E point total box E Point Total

- F. Has the operator-in-charge maintained recertification requirements during the reporting year?

✓ Check one box ☒ yes ☐ no

- G. How many hours of continuing education have the operator-in-charge completed over the last two calendar years?

✓ Check one box ☒ 12 hours or more = 0 points ☐ Less than 12 hours = 50 points

Write 0 or 50 in the G point total box G Point Total

- H. Is there a written policy regarding continuing education and training for wastewater treatment plant employees?

✓ Check one box ☒ yes ☐ no

Explain:

All personnel maintained at least 16 hours of training every two years. Veolia implements an internal training and safety program that meets all State Operator Certification training requirements. Additionally, 16 hours of cross trainings are provided to each employee.

- I. What percentage of the continuing education expenses of the operator-in-charge were paid for:

By the permittee? 100% Veolia North America

By the operator? 0%

- J. Add together the E and G point values and place this sum in the box below at the right:

TOTAL POINT VALUE FOR PART 7 **(max=100)**

Also enter this value on the point calculation table on page 16.

STATUS PART 8: FINANCIAL

A. Are User-Charge Revenues sufficient to cover operation and maintenance expenses?

✓ Check one box

☒

Yes

☐

No

If no, how are O & M costs being financed?

Explain:

In 2012, the New Orleans City Council approved eight consecutive annual 10 percent water rate increases beginning January 1, 2013.

Revenue from Plumbing Inspections, License Fees and Other Miscellaneous Revenue

B. What financial resources do you have available to pay for your wastewater improvements and reconstruction needs?

Revenues in excess of expenses and proceeds from bond issues.

PART 9: SUBJECTIVE EVALUATION

A. Collection System Maintenance

1. Describe what sewer system maintenance work has been done in the last year.

The Board inspected 6,918 sewer manholes. The Board and its contractors completed 290 repairs and cleaned 1,058,480.50 feet of the sewer system in 2019. Also, the Board and its contractors inspected a cumulative total of 54,517.70 feet of sewer line utilizing CCTV and a cumulative total of 704,106.00 feet of sewer line utilizing Smoke Testing in 2019. During the first and second halves of 2019, the Board inspected and maintained 68 known air release valves. In addition, 170 of 170 sewer force main isolation valves were inspected and exercised. 22 cathodic protection surveys were conducted and (100%) of the 102 miles of sewer force mains were visually inspected.

2. Describe what lift station work has been done in the last year.

The Board's Operations and Facility Maintenance personnel completed 4,942 sewage pumping station preventive maintenance tasks through December 31, 2019.

3. What collection system improvements does the community have under consideration for the next 5 years?

Collection system improvements are planned in accordance with the Third Modified Consent Decree.

B. If you have ponds, please answer the following questions: N/A

- | | | |
|--|------------------------------|-----------------------------|
| 1. Do you have duckweed buildup in your ponds? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. Do you mow your dikes regularly (at least monthly), to the waters edge? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. Do you have bushes or trees growing on the dikes or in the ponds? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Do you have excess sludge buildup (>1 foot) on the bottom of any of your ponds? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5. Do you exercise all of your valves? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 6. Are your control manholes in good structural shape? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 7. Do you maintain at least three feet of freeboard in all your ponds? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 8. Do you visit your pond system, at least weekly? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

C. Treatment Plants

1. Have the influent and effluent flow meters been calibrated in the last year? ☒ Yes ☐ No

Influent flow meter calibration date(s):

Effluent flow meter calibration date(s):

The most recent calibration for that period -
05/01/2020 – The Flow Meters are calibrated
monthly

The most recent calibration for that period -
05/01/2020 – The Flow Meters are calibrated
monthly

2. What problems, if any, have been experienced over the last year that has threatened treatment?

None

3. Is your community presently involved in formal planning for treatment facility upgrading?

☐

Yes

☐

No If yes, describe:

D. Preventive Maintenance

1. Does your plant have a written plan for preventive maintenance on major equipment items?

☒ Yes ☐ No If yes, describe:

Current system utilizes a computer-generated maintenance work order system for both preventive and emergency repairs on all components in the plants.

Each piece of equipment's O&M manual is closely followed to ensure all factory preventive maintenance recommendations are performed.

2. Does this preventive maintenance program depict frequency of intervals, types of lubrication, and other preventive maintenance tasks necessary for each piece of equipment? ☒ Yes ☐ No
3. Are these preventive maintenance tasks, as well as equipment problems, being recorded and filed so future maintenance problems can be assessed properly? ☒ Yes ☐ No

E. Sewer Use Ordinance

1. Does your community have a sewer use ordinance that limits or prohibits the discharge of excessive conventional pollutants (BOD, TSS, or pH) or toxic substances to the sewer from industries, commercial users, and residences?

☒ Yes ☐ No If yes, describe:

E.P.A. approved Pretreatment Program and Section 16 of the Sewerage & Water Board of New Orleans Plumbing Code.

The implementation of a Fats, Oils, and Grease Program, Section 16.5 of the Sewerage & Water Board of New Orleans Plumbing Code, that involves the annual issuance of a Grease Trap Discharge Permit to all Food Service Establishments in Orleans Parish.

2. Has it been necessary to enforce? ☒ Yes ☐ No If yes, describe:

E.P.A. approved Pretreatment Program requires sampling/monitoring of Significant Industrial Users to demonstrate compliance with applicable Federal, State and Local discharge requirements.

- F. Any additional comments about your treatment plant or collection system? (Attach additional sheet if necessary.)

POINT CALCULATION TABLE

Fill in the values from parts 1 through 7 in the columns below. Add the numbers in the left column to determine the point total that the wastewater system has generated for the previous year.

	Actual Values	Actual Values	Maximum
Part 1:	Influent Flow/Loadings	<u>0</u>	80 Points
Part 2:	Effluent Quality/Plant Performance	<u>0</u>	100 Points
Part 3:	Age of WWTP	<u>50</u>	50 Points
Part 4:	Overflows and Bypasses	<u>100</u>	100 Points
Part 5:	Ultimate Disposition of Sludge	<u>0</u>	100 Points
Part 6:	New Development	<u>0</u>	30 Points
Part 7:	Operator Certification Training	<u>0</u>	100 Points

TOTAL POINTS

150

ATTACHMENT 3**SAMPLE MWPP RESOLUTION**

Resolved that the city/town _____ informs Louisiana Department of
 of _____
 Environmental Quality that the following actions were taken by
 the _____
 _____ (governing
 body).

1. Reviewed the Municipal Water Pollution Prevention Environmental Audit Report which is attached to this resolution.
2. Set forth the following actions necessary to maintain permit requirements contained in the Louisiana Water Discharge Permit System (LWDPS) number _____ .

(Please be specific in listing the actions that will be taken to address the problems identified in the audit report.)

a.

b.

c.

d.

etc.

Passed by a majority/unanimous (circle one) vote of
 the _____

on _____

 _____ (date).

CLERK



November 11, 2020

Memorandum

To: SWBNO, Finance and Administration Committee

From: Lisa Daniel, PFM Financial Advisors LLC (PFM)
As Co-Municipal Advisor to the Board of Liquidation, City Debt (BOLCD)

Cc: David Gernhauser, BOLCD
& other members of the Financing Team

Re: Refunding Opportunity

The historic low rates of the municipal bond market currently allow for a refunding opportunity related the SWB's existing:

- Sewer Service Revenue Bonds, Series 2014
- Sewer Service Revenue Bonds, Series 2015
- Water Revenue Bonds, Series 2014
- Water Revenue Bonds, Series 2015

The corresponding Resolutions provide for a refunding of a portion or all of the above-mentioned issues in order to provide debt service savings. As co-Financial Advisor to the Board of Liquidation, PFM will assist to determine those maturities of the above mention bonds which, when refunded, produce debt service savings in future years.

Given current market rates, it is estimated that present value debt service savings would exceed **\$11 million** for the Sewerage Service Revenue Bonds, (net present value savings of more than 8% of the refunded par) and would exceed **\$7.5 million** for the Water Revenue Bonds, (net pv savings of more than 6% of the refunded par). The refunding debt service savings are subject to interest rate volatility and will decrease if market rates should increase between now and bond closing.

The refunding bonds would be issued as taxable bonds and would not extend beyond the maturity date of the existing debt in 2045.

SEWERAGE AND WATER BOARD OF NEW ORLEANS

PRELIMINARY APPROVAL FOR SEWERAGE SERVICE REVENUE REFUNDING BONDS

The following resolution was offered by _____ and seconded by _____:

RESOLUTION

A resolution giving preliminary approval to the issuance of not exceeding Two Hundred Fifteen Million Dollars (\$215,000,000) of Sewerage Service Revenue Refunding Bonds of the City of New Orleans, Louisiana; making application to the State Bond Commission for approval of said bonds; and providing for other matters in connection therewith.

WHEREAS, the Sewerage and Water Board of New Orleans (the "Sewerage and Water Board") is authorized to issue in the name of the City of New Orleans, Louisiana (the "City"), bonds payable solely out of the revenues derived from sewerage service charges for purposes relating to the sewerage system of the City, pursuant to the provisions of Part III of Chapter 9 of the Louisiana Revised Statutes of 1950, as amended, and other constitutional and statutory authority (the "Act"); and

WHEREAS, the Sewerage and Water Board adopted a General Sewerage Service Revenue Bond Resolution on May 21, 2014 (the "General Bond Resolution"), authorizing the issuance from time to time of Sewerage Service Revenue Bonds of the City, as supplemented to the date hereof; and

WHEREAS, all Sewerage Service Revenue Bonds of the City are administered by the Board of Liquidation, City Debt (the "Board of Liquidation"); and

WHEREAS, currently the City has outstanding (i) Sewerage Service Revenue Bonds, Series 2011, (ii) Sewerage Service Revenue and Refunding Bonds, Series 2014 (the "Series 2014 Bonds"), (iii) Sewerage Service Revenue Bonds, Series 2015 (the "Series 2015 Bonds"), (iv) Sewerage Service Revenue Bond, Series 2019, (v) Sewerage Service Revenue Bond, Series 2020A, and (vi) Sewerage Service Revenue Bonds, Series 2020B, when issued; and

WHEREAS, in order to provide debt service savings and relief, the Sewerage and Water Board desires to refund all or a portion of the Series 2014 Bonds and the Series 2015 Bonds (such refunded maturities referred to herein collectively as the "Refunded Bonds"), pursuant to the provisions of the Act, through the issuance of its Sewerage Service Revenue Refunding Bonds (the "Sewerage Revenue Refunding Bonds"); and

WHEREAS, the Sewerage and Water Board desires to authorize the issuance of Sewerage Revenue Refunding Bonds to refund the Refunded Bonds;

NOW, THEREFORE, BE IT RESOLVED by the Sewerage and Water Board of New Orleans, as follows:

SECTION 1. **Preliminary Approval of Sewerage Revenue Refunding Bonds**. Pursuant to the provisions of the Act, preliminary approval is given to the issuance of not exceeding Two Hundred Fifteen Million Dollars (\$215,000,000) of Sewerage Service Revenue Refunding Bonds of the City of New

Orleans, Louisiana, to be issued for the purpose of refunding the Refunded Bonds, funding reserves, and paying costs of issuance, including insurance, if necessary, is hereby approved. The Sewerage Revenue Refunding Bonds shall bear interest at a rate or rates not to exceed six percent (6%) per annum, to be determined by subsequent resolution of the Board of Liquidation at the time of the sale of the Sewerage Revenue Refunding Bonds, and shall mature not later than June 1, 2045. The Sewerage Revenue Refunding Bonds shall be issued in fully registered form and shall have such additional terms and provisions as may be determined by the Sewerage and Water Board and the Board of Liquidation at the time of issuance and sale of the Sewerage Revenue Refunding Bonds. The Sewerage Revenue Refunding Bonds will be secured by the pledge of revenues derived sewerage service charges for purposes relating to the sewerage system of the City, all as more fully provided in the Act and the General Bond Resolution. The Sewerage Revenue Refunding Bonds shall be issued on a parity with the Outstanding Bonds.

SECTION 2. **State Bond Commission.** Application is hereby made to the State Bond Commission, Baton Rouge, Louisiana, for approval of the issuance and sale of the Sewerage Revenue Refunding Bonds, and co-bond counsel are directed to make application to the State Bond Commission in accordance with the foregoing on behalf of the Sewerage and Water Board.

By virtue of the Sewerage and Water Board's application for, acceptance and utilization of the benefits of the State Bond Commission's approval requested herein, the Sewerage and water Board understands and agrees that such approval is expressly conditioned upon, and further understands, agrees and binds itself, its successors and assigns, to full and continuing compliance with the "State Bond Commission Policy on Approval of Proposed Use of Swaps, or other forms of Derivative Products, Hedges, Etc.," adopted by the Commission on July 20, 2006, as to the borrowing and other matters subject to the approval, including subsequent application and approval under said Policy of the implementation or use of any swaps or other products or enhancements covered thereby.

SECTION 3. **Request for Approval.** A certified copy of this resolution shall be furnished to the Council of the City and the Board of Liquidation. The Sewerage and Water Board hereby requests that the Council of the City and the Board of Liquidation approve this resolution and any other resolutions of the

Sewerage and Water Board providing for the issuance of the Sewerage Revenue Refunding Bonds, if required by law.

SECTION 4. **Authorization.** The President and the Executive Director of the Sewerage and Water Board be and they are hereby authorized and directed to take all further action as may be necessary and appropriate to effectuate and implement this Resolution.

This resolution having been submitted to a vote, the vote thereon was as follows:

<u>Member</u>	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstaining</u>
Jay H. Banks	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Robin Barnes	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Tamika Duplessis, Ph. D	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Alejandra Guzman	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Janet Howard	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Ralph Johnson	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Joseph Peychaud	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Lynes R. "Poco" Sloss	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Maurice G. Sholas	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Mayor LaToya Cantrell	<u> </u>	<u> </u>	<u> </u>	<u> </u>

And the resolution was declared adopted on this 18th day of November, 2020.

STATE OF LOUISIANA

PARISH OF ORLEANS

I, the undersigned Executive Director of the Sewerage and Water Board of New Orleans (the "Sewerage and Water Board"), do hereby certify that the foregoing pages constitute a true and correct copy of a resolution adopted by the Sewerage and Water Board on November 18, 2020, giving preliminary approval to the issuance of not exceeding Two Hundred Fifteen Million Dollars (\$215,000,000) of Sewerage Service Revenue Refunding Bonds of the City of New Orleans, Louisiana; making application to the State Bond Commission for approval of said Refunding Bonds; and providing for other matters in connection therewith.

IN FAITH WHEREOF, witness my official signature on this, the 18th day of November, 2020.

Executive Director of the Sewerage
and Water Board of New Orleans

SEWERAGE AND WATER BOARD OF NEW ORLEANS

PRELIMINARY APPROVAL FOR WATER REVENUE REFUNDING BONDS

The following resolution was offered by _____ and seconded by _____:

RESOLUTION

A resolution giving preliminary approval to the issuance of not exceeding Two Hundred Million Dollars (\$200,000,000) of Water Revenue Refunding Bonds of the City of New Orleans, Louisiana; making application to the State Bond Commission for approval of said bonds; authorizing the reimbursement of expenditures from proceeds of any such bonds; and providing for other matters in connection therewith.

WHEREAS, the Sewerage and Water Board of New Orleans (the "Sewerage and Water Board") is authorized to issue in the name of the City of New Orleans, Louisiana (the "City"), bonds payable solely out of the revenues derived from water rates for purposes relating to the water system of the City, after provision has been made for the payment from said revenues of the costs of operating and maintaining the Water System, pursuant to the provisions of Part III of Chapter 9 of the Revised Statutes of Louisiana, as amended, and other constitutional and statutory authority (the "Act"); and

WHEREAS, the Sewerage and Water Board has heretofore adopted a General Water Revenue Bond Resolution on May 21, 2014 (the "General Bond Resolution"), authorizing the issuance from time to time of Water Revenue Bonds of the City; and

WHEREAS, all Water Revenue Bonds of the City are administered by the Board of Liquidation, City Debt (the "Board of Liquidation"); and

WHEREAS, currently the City has outstanding (i) Water Revenue and Refunding Bonds, Series 2014, and (ii) Water Revenue Refunding Bonds, Series 2015 (collectively, the "Outstanding Bonds"); and

WHEREAS, in order to provide debt service savings and relief, the Sewerage and Water Board desires to refund all or a portion of the Outstanding Bonds (such refunded maturities referred to herein collectively as the "Refunded Bonds"), pursuant to the provisions of the Act, through the issuance of its Water Revenue Refunding Bonds (the "Water Revenue Refunding Bonds"); and

WHEREAS, the Sewerage and Water Board desires to authorize the issuance of Water Revenue Refunding Bonds to refund the Refunded Bonds and; and

NOW, THEREFORE, BE IT RESOLVED by the Sewerage and Water Board of New Orleans, as follows:

SECTION 1. **Preliminary Approval of Water Revenue Refunding Bonds.** Pursuant to the provisions of the Act, preliminary approval is given to the issuance of not exceeding Two Hundred Million Dollars (\$200,000,000) of Water Revenue Refunding Bonds of the City of New Orleans, Louisiana, to be issued for the purpose of refunding the Refunded Bonds, funding reserves, and paying costs of issuance,

including insurance, if necessary, is hereby approved. The Water Revenue Refunding Bonds shall bear interest at a rate or rates not to exceed six percent (6%) per annum, to be determined by subsequent resolution of the Board of Liquidation at the time of the sale of the Water Revenue Refunding Bonds, and shall mature not later than December 1, 2045. The Water Revenue Refunding Bonds shall be issued in fully registered form and shall have such additional terms and provisions as may be determined by the Sewerage and Water Board and the Board of Liquidation at the time of issuance and sale of the Water Revenue Refunding Bonds. The Water Revenue Refunding Bonds will be secured by the pledge of revenues derived from water rates for purposes relating to the water system of the City, after provision has been made for the payment from said revenues of the costs of operating and maintaining the water system, all as more fully provided in the Act and the General Bond Resolution. The Water Revenue Refunding Bonds shall be issued on a parity with the unrefunded Outstanding Bonds, if any.

SECTION 2. **State Bond Commission.** Application is hereby made to the State Bond Commission, Baton Rouge, Louisiana, for approval of the issuance and sale of the Water Revenue Refunding Bonds, and co-bond counsel are directed to make application to the State Bond Commission in accordance with the foregoing on behalf of the Sewerage and Water Board.

By virtue of the Sewerage and Water Board's application for, acceptance and utilization of the benefits of the State Bond Commission's approval requested herein, the Sewerage and water Board understands and agrees that such approval is expressly conditioned upon, and further understands, agrees and binds itself, its successors and assigns, to full and continuing compliance with the "State Bond Commission Policy on Approval of Proposed Use of Swaps, or other forms of Derivative Products, Hedges, Etc.," adopted by the Commission on July 20, 2006, as to the borrowing and other matters subject to the approval, including subsequent application and approval under said Policy of the implementation or use of any swaps or other products or enhancements covered thereby.

SECTION 3. **Request for Approval.** A certified copy of this resolution shall be furnished to the Council of the City and the Board of Liquidation. The Sewerage and Water Board hereby requests that the Council of the City and the Board of Liquidation approve this resolution and any other resolutions of the

Sewerage and Water Board providing for the issuance of the Water Revenue Refunding Bonds, if required by law.

SECTION 4. **Authorization.** The President and the Executive Director of the Sewerage and Water Board be and they are hereby authorized and directed to take all further action as may be necessary and appropriate to effectuate and implement this Resolution.

This resolution having been submitted to a vote, the vote thereon was as follows:

<u>Member</u>	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstaining</u>
Jay H. Banks	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Robin Barnes	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Tamika Duplessis, Ph. D	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Alejandra Guzman	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Janet Howard	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Ralph Johnson	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Joseph Peychaud	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Lynes R. "Poco" Sloss	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Maurice G. Sholas	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Mayor LaToya Cantrell	<u> </u>	<u> </u>	<u> </u>	<u> </u>

And the resolution was declared adopted on this 18th day of November, 2020.

STATE OF LOUISIANA

PARISH OF ORLEANS

I, the undersigned Executive Director of the Sewerage and Water Board of New Orleans (the "Sewerage and Water Board"), do hereby certify that the foregoing pages constitute a true and correct copy of a resolution adopted by the Sewerage and Water Board on November 18, 2020, giving preliminary approval to the issuance of not exceeding Two Hundred Million Dollars (\$200,000,000) of Water Revenue Refunding Bonds of the City of New Orleans, Louisiana; making application to the State Bond Commission for approval of said bonds; authorizing the reimbursement of expenditures from proceeds of any such bonds; and providing for other matters in connection therewith.

IN FAITH WHEREOF, witness my official signature on this, the 18th day of November, 2020.

Executive Director of the Sewerage
and Water Board of New Orleans

**GENERAL SUPERINTENDENT RECOMMENDATIONS
FOR THE NOVEMBER 11, 2020
FINANCE AND ADMINISTRATION COMMITTEE MEETING**

A listing of the bids, change orders, amendments and final acceptances received during the month of October is included in the following report. A brief summary is attached for your review.

BIDS AND RENEWALS (1)

Page 4 R-119-2020	Ratification of Award of Emergency Contract 6266 – Turbine 5 Controls System Upgrade
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CHANGE ORDERS (4)

Page 9 R-122-2020	Ratification of Change Order No. 1 of Contract 1370A – 60Hz Transformers and Switchgear
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Page 12 R-127-2020	Ratification of Change Order 1 for Contract 30218 – Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish
--------------------	---

Page 15 R-128-2020	Ratification of Change Order 2 for Contract 1404 – Algiers Water Purification Plant Improvements Project
--------------------	--

Page 19 R-125-2020	Ratification of Change Order 1 of Contract EE20-0004 – 2020 Installation of Feeder CFC2 from the Plant Frequency Changer Building to Carrollton Frequency Changer Building Associated with the Extreme Emergency Declaration of Turbine 5
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CONTRACT AMENDMENTS (5)

Page 24 R-124-2020	Authorization of Amendment No. 9 to the Agreement Between the Sewerage and Water Board of New Orleans and CH2M Hill Engineers, Inc. for the Program Management and Design and Engineering Services for the Retrofit Power Plant Hazard Mitigation Grant Project
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Page 29 R-108-2020	Authorization of Amendment No. 5 to the Agreement Between the Sewerage and Water Board of New Orleans and Digital Engineering & Imaging, Inc., for Design and Engineering Services for the Waterline Replacement Program
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Page 34 R-109-2020	Authorization of Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Linfield, Hunter, &
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Junius, Inc., for Design and Engineering Services for the Waterline Replacement Program

Page 39 R-126-2020 Authorization of Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Rahman and Associates, Inc., for Design and Engineering Services for the Waterline Replacement Program

Page 44 R-130-2020 Authorization of Amendment No. 7 to the Agreement Between the Sewerage and Water Board of New Orleans and MWH Americas, Inc. (predecessor in interest to Stantec Consulting Services, Inc., for Design and Engineering Services for the Waterline Replacement Program

FINAL ACCEPTANCES (1)

Page 51 R-129-2020 Final Acceptance of Contract EE20-0004 – 2020 Installation of Feeder CFC2 from the Plant Frequency Changer Building to Carrollton Frequency Changer Building Associated with the Extreme Emergency Declaration of Turbine 5

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

BIDS AND RENEWALS

Ratification of Award of Emergency Contract 6266 – Turbine 5 Controls System Upgrade

WHEREAS, on December 14, 2019, there was an explosion at the CWP, involving Turbine No. 5 (T5) in particular (the “Incident”); and

WHEREAS, pursuant to the Board’s February 6, 2020 Declaration of Emergency, the Board began to undertake investigation into the cause, results, impacts, and possible repair or replacement of T5, and reached the decision that repair was feasible and should be undertaken as part of the extreme emergency response in order for T5 to provide power and/or redundancy for the 2021 hurricane season; and

WHEREAS, following the Incident and the decision to repair T5 in time for the 2021 hurricane season, SWB staff met with its existing technical consultants to determine the most efficient and effective options for making the needed repairs to T5 including upgrade of operating systems controls, including reference to proposals submitted in response to the 2014 solicitation and consideration of separate purchase of parts and equipment to be installed by SWB personnel, or a turnkey solution in which the controls company would be managing all aspects of this work; and

WHEREAS, several types of controls systems were evaluated for quality as well as cost, taking into consideration the need for experience with gas turbine controls systems, the imperative for a proven, well-established system in the industry, and the requirement of 24/7 availability of personnel to diagnose issues or to travel for site work; and

WHEREAS, the original manufacturer of the equipment was deemed to have the best knowledge of both construction and operation of T5, and GE controls division had been divested as Baker Hughes Company, best suited for this work due to the critical nature of the equipment’s availability, expertise and familiarity with the equipment, warranty and service package; and

WHEREAS, SWB asked Baker Hughes to submit a proposal, Baker and SWB have agreed upon the specifics of the services and equipment and other items to be provided by Baker through its affiliate Nexus.

NOW, BE IT RESOLVED by the Sewerage and Water Board of New Orleans that a proposal to perform and provide the professional and other services and new parts, materials, components and other goods as necessary for the turnkey replacement and upgrade to Turbine 5 controls system. The proposal was hereby accepted, and contract awarded therefore to **Nexus Controls, LLC**, in the total amount of **\$1,514,055.00**

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
November 18, 2020.

Ghassan Korban ,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW
ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

**CONTRACT AWARD (RATIFICATION)
Emergency Contract 6266 - Turbine 5 Controls Upgrade**

Approval to award Contract 6266, between the Sewerage and Water Board and Nexus Controls, LLC, in the amount of \$1,458,620.00

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	
<i>Nexus Controls, LLC</i>	<i>General Electric Co. TBD</i>	0.00%	
		10.00%	
Total		10.00%	

DESCRIPTION AND PURPOSE

Original Contract Value	\$1,458,620.00
<i>Has a NTP been Issued</i>	<i>No</i>
Total Revised Contract Value	\$1,458,620.00
Original Contract Completion Date	5/25/2021
Proposed Contract Completion Date	5/25/2021

Purpose and Scope of the Contract:

Following the Turbine 5 incident occurring December 2019, it was recommended by the Engineering Dept. to upgrade the existing gas turbine hydraulic mechanical control system with a modern electric controls system. The scope of work includes 1)engineering services to design and integrate modern controls system, and 2)furnish and 3)installation of all equipment associated for the controls retrofit. This contract was procured under the Turbine 5 Explosion Emergency Declaration.

Spending to Date:

Cumulative Contract Amount (as of 10/1/2020)	\$0.00
Cumulative Contract Spending (as of 10/1/2020)	\$0.00

Contractor's Past Performance:

N/A

PROCUREMENT INFORMATION

Contract Type	Fixed Price Proposal	Award Based On	Emergency
Commodity	Public Works Construction	Contract Number	6266

Contractor Market	Emergency Procurement with DBE participation
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

BUDGET INFORMATION

Funding		Department	Mechanical Engineering
System		Project Manager	Mary Dubourg
Job Number		Purchase Order #	TBD

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System			
Water System			
Drainage System		\$ 1,458,620.00	
TOTAL		\$ 1,458,620.00	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

Thomas Moore III
Senior Engineer
Mechanical Engineering

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

CHANGE ORDERS

RATIFICATION OF CHANGE ORDER NO. 1 OF CONTRACT #1370A – 60HZ TRANSFORMERS AND SWITCHGEAR.

WHEREAS, on April 22, 2020 the Sewerage and Water Board (S&WB) entered into Contract 1370A with Walter J. Barnes Electric Co, Inc. in the amount of \$11,890,364.45 for 60Hz Transformers and Switchgear; and,

WHEREAS, this change order addresses the installation and removal of temporary sheet piles, to protect a 10in, 200psi natural gas line, closure and purging of the gas line to remove any residual combustible gases located at Carrollton Water Purification Plant, and

WHEREAS, this Change Order, in the amount of \$89,435.80, brings the accumulated Contract change order total to \$89,435.80, or 0.75% of the original Contract value, and

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 1 for Contract 1370A is ratified by the Sewerage and Water Board of New Orleans.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
November 18, 2020.

Ghassan Korban,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

**CONTRACT CHANGE ORDER #1
Contract 1370A - 60Hz Transformers and Switchgear**

Approval to modify Contract #1370A between the Sewerage and Water Board and Walter J. Barnes Electric Co. Inc. in the amount of \$89,435.80.

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
Walter J. Barnes Electric Co. Inc.	C. Watson Group	14.47%	0.00%
	Balthazar Elektriks	3.58%	0.00%
	Carter Electric Supply	7.02%	5.38%
Total		25.07%	5.38%

DESCRIPTION AND PURPOSE

Original Contract Value	\$11,890,364.45
Previous Change Orders	\$0.00
% Change of Contract To Date	0.0%
Value of Requested Change	\$89,435.80
% For This Change Order	0.8%
Has a NTP been Issued	Yes
Total Revised Contract Value	\$11,979,800.25
% Total Change of Contract	0.8%
Original Contract Completion Date	8/8/2021
Previously Approved Extensions (Days)	0
Time Extension Requested (Days)	20
Proposed Contract Completion Date	8/28/2021

Purpose and Scope of the Contract:

The contemplated project consists of the installation of an elevated concrete platform that will support one large 4160V walk-in switchgear and two (2) 25MV transformers, rated at 60 Hertz that will support a number of electrical loads. Work is located at the Carrollton Water Purification Plant at 8800 S. Claiborne Avenue for the Sewerage and Water Board of New Orleans, Owner.

Reason for Change:

Error/Omission <input type="checkbox"/>	Differing Site Condition <input checked="" type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <input type="checkbox"/>	

During construction, the contractor discovered a 10-inch, 200 p.s.i. natural gas line that was not shown on the drawings. The line will have to be purged to avoid the unsolicited release of combustible gases and to keep the project on schedule. The depth of the gas line was only 10 inches below grade and will be dangerously within close proximity to the required steel sheet piles that are to be installed. Since the soil condition is unstable, the gas line will have to be properly supported during the construction of the electrical underground duct bank.

Spending to Date:

Cumulative Contract Amount (as of 10/19/2020)	\$11,890,364.45
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Cumulative Contract Spending (as of 10/19/2020)

\$363,945.00

Contractor's Past Performance:

The contractor's timeliness of deliverables, conformance to SWBNO policies and procedures, quality meet expectations.

PROCUREMENT INFORMATION

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
Commodity	Public Works Construction	Contract Number	1370A
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.):	8/6/2020

BUDGET INFORMATION

Funding	CP 676-05, CP 676-06	Department	ELECTRICAL ENGR.
System	Sewer, Water, Drainage	Project Manager	CELSO ANTUNEZ, EI
Job Number	01370FEM	Purchase Order #	6000064 PG2020

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	13%	\$ 11,626.66	YES
Water System	34%	\$ 30,408.17	YES
Drainage System	53%	\$ 47,400.97	YES
TOTAL		\$ 89,435.80	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

CELSO ANTUNEZ, EI
PROJECT MANAGER
ELECTRICAL ENGINEERING

**CHANGE ORDER NO. 1 FOR CONTRACT 30218 – Restoration of Gravity Flow
Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish**

WHEREAS, the Sewerage and Water Board of New Orleans entered into Contract 30218 with Wallace C. Drennan Inc. on September 10, 2018 in the amount of \$3,977,043.00, (R-108-2018), of which only \$3,453,175.20 was spent; and

WHEREAS, Wallace C. Drennan, Inc. was awarded a one (1) year Contract Renewal No.1 on September 18, 2019 in the amount of \$3,977,043.00 (R-148-2019) bringing the total contract amount to \$7,430,218.20; and,

WHEREAS, Wallace C. Drennan, Inc. was awarded a one (1) year Contract Renewal No.2 on August 19, 2019 in the amount of \$3,977,043.00 (R-077-2019) bringing the total contract amount to \$11,407,261.20; and,

WHEREAS, this Change Order No. 1 will extend the contract duration by zero (0) days and bring the contract amount to \$12,407,261.20; and,

WHEREAS, this Change Order No. 1 in the amount of \$1,000,000.00 dollars represents 8.8% change in contract amount; and,

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 1 for Contract 30218 is ratified by the Sewerage and water Board of New Orleans.

I, Ghassan Korban, Executive Director, Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted at the Regular Meeting of the said Board, duly called and held, according to law, on November 18, 2020.

GHASSAN KORBAN, EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT CHANGE ORDER No. 1

CONTRACT 30218 Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites Throughtout Orleans Parish
Approval to modify contract 30218, between the Sewerage and Water Board and Wallace C. Drennan, in the amount of \$1,000,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
<i>Wallace C. Drennan</i>	<i>Prince Dump Truck Services</i>	8.80%	8.03%
	<i>Choice Supply Solutions, LLC</i>	4.44%	4.42%
	<i>C & M Construction Group</i>	23.08%	30.35%
Total		36.32%	42.80%

DESCRIPTION AND PURPOSE

Original Contract Value	\$11,407,261.20
Previous Change Orders	\$0.00
% Change of Contract To Date	0.0%
Value of Requested Change	\$1,000,000.00
% For This Change Order	8.8%
<i>Has a NTP been Issued</i>	<i>Yes</i>
Total Revised Contract Value	\$12,407,261.20
% Total Change of Contract	8.8%
Original Contract Completion Date	9/18/2021
Previously Approved Extensions (Days)	0
Time Extension Requested (Days)	0
Proposed Contract Completion Date	9/18/2021

Purpose and Scope of the Contract:

This is an Operations and Maintenance sewer contract. The purpose of this contract is to make repairs to sewer main lines, sewer house connections, sewer force mains, and sewer manholes throughtout Orleans Parish, in order to continue to maintain sewer system integrity throughout the Parish.

Reason for Change:

Error/Omission <input type="checkbox"/>	Differing Site Condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <input checked="" type="checkbox"/>	

The reason for this change order is to add funds to the contract relating to unforeseen expenses associated with Hurricane Zeta power outages to sewer pump stations throughout the city. Sewer hauling trucks and diesel pumps were provided to about 36 pump stations to maintain sewer levels.

Spending to Date:

Cumulative Contract Amount (as of 11/02/2020)	\$11,407,261.20
Cumulative Contract Spending (as of 11/02/2020)	\$6,700,415.27

Contractor's Past Performance:

Contractor's Performance has been satisfactory to date.

PROCUREMENT INFORMATION

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
Commodity	Public Works Construction	Contract Number	30218
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.) :	11/5/2020

BUDGET INFORMATION

Funding	O & M 6621/4408	Department	Networks
System	Sewer	Project Manager	Ashraf Abdelbaqi
Job Number	30218	Purchase Order #	6000005 PG2019

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	100%	\$ 1,000,000.00	YES
Water System			
Drainage System			
TOTAL		\$ 1,000,000.00	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

Fred Tharp, P.E.
Chief of Networks
Networks Department

RATIFICATION OF CHANGE ORDER NO. 2&3 FOR CONTRACT 1404 – Algiers Water Purification Plant Improvements Project

WHEREAS, the Sewerage and Water Board entered into Contract 1404 with Max Foote Construction, Inc. in the amount of \$7,240,000.00 for repairs and improvements to Algiers Water Plant purification process; and,

WHEREAS, Change Order 1 represents three (3) work items, Field Change Orders 1, 2, and 3. These changes include line-stops, soil and concrete testing, one (1) 24” raw water butterfly valve; and,

WHEREAS, Change Order 1, in the amount of \$221,016.92, brings the accumulated Contract change order total to \$221,016.92, or 3.05% of the original Contract value, and,

WHEREAS, Change Order No. 1 for Contract 1404 was approved by the Sewerage and Water Board of New Orleans, and,

WHEREAS, this change order (Change Order 2) represents (7) seven work items, Field Change Orders 4, 5, 6, 7, 8, 9, and 10. These changes include moving an underground duct bank, additional cable paths, fiber, cable panels, and updated hypochlorite pumping system, and,

WHEREAS, this change order, in the amount of \$263,889.16, brings the accumulated contract change order total to \$484,906.08, 6.7% of the original contract value, and,

NOW THEREFORE BE IT RESOLVED, Change Order No. 2 for Contract 1404 is approved and ratified by the Sewerage and Water Board of New Orleans.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
November 18, 2020.

Ghassan Korban,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT CHANGE ORDER

Contract 1404 Algiers Water Purification Plant Improvements

Approval to modify contract 1404, between the Sewerage and Water Board and Max Foote Construction Co. LLC, in the amount of \$263,889.16

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
<i>Max Foote Construction, LLC</i>	<i>Chester Electric</i>	5.10%	5.10%
	<i>Lacy and Company</i>	6.70%	6.60%
	<i>Larry McCorkle Rebar</i>	0.90%	0.30%
	<i>Mitchell Contracting</i>	24.30%	21.60%
	<i>Baum Environmental</i>	0.10%	0.10%
	<i>Pete's Disposal</i>	0.40%	0.40%
	<i>DeLeon and Sons Masonry</i>	0.68%	0.66%
Total		38.18%	34.76%

DESCRIPTION AND PURPOSE

Original Contract Value	\$7,240,000.00
Previous Change Orders	\$221,016.92
% Change of Contract To Date	3.1%
Value of Requested Change	\$263,889.16
% For This Change Order	3.6%
<i>Has a NTP been Issued</i>	<i>Yes</i>
Total Revised Contract Value	\$7,724,906.08
% Total Change of Contract	6.7%
Original Contract Completion Date	1/22/2020
Previously Approved Extensions (Days)	0
Time Extension Requested (Days)	56
Proposed Contract Completion Date	3/18/2020

Purpose and Scope of the Contract:

The Original SOW for The Algiers Water Plant consists of replacing clarifier 1 and performing routine maintenance on clarifiers 2 and 4 and preparing clarifier 3 for service. Additional goals include updating chemical storage and feed, finished and raw water feed, and implementing SCADA compatibility within the purification process.

Reason for Change:

Error/Omission	Differing Site Condition YES	Regulatory Requirement
Design Change YES	Other _____	

FCO 4- This change is being submitted due to unforeseen existing conditions encountered near clarifier 1 wall. Underground ductbank and thrust block location did not coincide with as-builts. Max Foote replaced the thrust block, demoed the ductbank, and ran temporary cable to maintain plant lights and intercom.

\$38,272.00/14 days.

FCO 5- This change is being submitted for the following:

To create fiber route between 2 pull boxes within the filter gallery that was assumed to exist during design.

To demo existing unnecessary Bailey Control cables to provide room for new cables.

To create an omitted fiber link between control panels.

\$34,900.18/14 days.

FCO 6- This change is needed to demo the existing baileys cabinets and prepare the floor to provide space for the new control panel and to add a 48-strand fiber cable that was not specified in the design. This change is necessary to complete the required SCADA design.

\$31,891.80/14 days.

FCO 7- This change is being submitted because the existing drain pump control panel for clarifier 1 was assumed to be compatible with the new system in design, but needs to be replaced.

A fiber rout needs to be added to feed the control panel.

A power feed is not supplied for power center #3. Routing is required.

\$26,279.19/0 days

FCO 8- This change is being submitted for the following:

A ductbank was oriented in the pile driving path for Clarifier 1. Drawings show the ductbank outside of the construction area. The proposal is for T&M to move the ductbank and cables.

\$59,573.37/0 days

FCO 9- This change is needed to add a fiber patch panel in the chemical building. This change also implements replacement of the existing patch panel in the filter gallery.

\$30,350.21/14 Days

FCO 10- The original scope involved replacement of 5 of the 8 Sodium Hypochlorite pumps. The older pumps have become obsolete since design and require different wiring for compatibility with the SCADA system. Operations is currently having problems with the older pumps and they should be replaced.

This change addresses replacement of obsolete Sodium Hypochlorite pumps at AWP, preventing a need for rewiring and providing consistency.

\$42,604.06/0 Days

Spending to Date:

Cumulative Contract Amount (as of 10/26/2020)	\$7,461,016.92
Cumulative Contract Spending (as of 10/26/2020)	\$7,048,406.34

Contractor's Past Performance:

Although there have been unforeseen site conditions that have proven to be difficult obstacles; the contractor's timeliness of deliverables, conformance to SWBNO policies and procedures, and quality meet expectations. To date the contractor has not achieved a DBE participation rate of 35% but is on target path.

PROCUREMENT INFORMATION

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
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Commodity	Public Works Construction	Contract Number	1404
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes No	CMRC Date (<i>if nec.</i>) :	10/29/2020

BUDGET INFORMATION

Funding	Capital 157-02	Department	Mechanical Engineering
System	Water	Project Manager	David Hingle
Job Number	1404	Purchase Order #	PG20206000060

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	100%	\$263,889.16	No
Water System			
Drainage System			
TOTAL		\$ 263,889.16	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

David Hingle, PE
Mechanical Engineer
Mechanical Engineering

**RATIFICATION OF CHANGE ORDER NO. 1 OF CONTRACT #EE20-0004 – 2020
INSTALLATION OF FEEDER CFC2 FROM THE PLANT FREQUENCY CHANGER
BLDG. TO CARROLLTON FREQUENCY CHANGER BLDG, ASSOCIATED WITH
THE EXTREME EMERGENCY DECLARATION OF TURBINE 5.**

WHEREAS, on May 8, 2020 the Sewerage and Water Board entered into Contract EE20-0004 with Walter J. Barnes Electric Co., Inc in the amount of \$476,488.35 for 2020 Installation of Feeder CFC2 From the Plant Frequency Changer Bldg. to Carrollton Frequency Changer Bldg.; and,

WHEREAS, this change order addresses differing site conditions, omission of required feeder 402 work and reconnection of Hamilton Feeder during Hurricane Laura at PFC and,

WHEREAS, this Change Order, in the accumulated amount of \$64,288.00, brings the Contract change order total \$64,288.00, or 13.49 percent of the original Contract value and,

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 1 for Contract EE20-0004 is ratified by the Sewerage and Water Board of New Orleans.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
November 18, 2020.

Ghassan Korban,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT CHANGE ORDER #1

CONTRACT #EE20-0004 – 2020 Installation of Feeders CFC2 from the Plant Frequency Changer Building to Carrollton Frequency Changer Building, associated with the extreme emergency declaration of Turbine 5.

Authorization to modify the Purchase Order #PG2020 – 6000089 by \$64,288.00, thereby increasing the current balance to \$85,188.00

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
Walter J. Barnes Electric Co. Inc.	none	n/a	n/a
Total		0.00%	0.00%

DESCRIPTION AND PURPOSE

Original Contract Value	\$476,488.35
Previous Change Orders	\$0.00
% Change of Contract To Date	0.0%
Value of Requested Change	\$64,288.00
% For This Change Order	13.5%
Has a NTP been Issued	Yes
Total Revised Contract Value	\$540,776.35
% Total Change of Contract	13.5%
Original Contract Completion Date	7/15/2020
Previously Approved Extensions (Days)	0
Time Extension Requested (Days)	38
Proposed Contract Completion Date	8/22/2020

Purpose and Scope of the Contract:

This project is in direct association with the extreme emergency declaration of Turbine 5. After the failure of Turbine 5 (T5) last year, there were many emergency projects issued that were created in order to beef up the existing electrical power infrastructure. This project in particular, expedites the physical electrical tie between the Plant Frequency Changer (PFC) and the Carrollton Frequency Changer 60hz switchgears. Engineering and Operations determined that the existing Hamilton feeder cable at PFC be temporarily disconnected for the purpose of creating a spare breaker to connect the new CFC cables onto the PFC switchgear. The other end of the cable will be electrically connected onto the Carrollton Frequency Changer switchgear available spare breaker. By completing this project, the Board will be able to transmit into our electrical grid approximately 6MW of 25Hz power through Frequency Changer #1, via Turbine 6.

Reason for Change:

Error/Omission <input checked="" type="checkbox"/>	Differing Site Condition <input checked="" type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <input type="checkbox"/>	

Change Order #1 is composed of five (5) individual field changes that are compressed together into one total cost.

First Field Change: The Claiborne Ave. roadway was modified near Eagle Street, which consequently limited the contractor's ability to safely perform work within the electrical manhole on Eagle Street during regular work week hours. Total cost for this Field Change was \$ 17,550.00

Second Field Change: This field change is for the installation of cable tags which were already included in the below third field change. Under this contract, the Board would provide cable tags that were labeled CFC2. It was later determined by Operations and Engineering that the labels to be installed by the Contractor be labeled instead as CFC-1A to prevent confusion in the field. Total cost for this Field Change was \$ 640.00

Third Field Change: Back in 2018, feeder 402 failed near Earhart Blvd. In order to repair feeder 402, an excavation permit was required for exposing and repairing the cable damages. Since the permit process would require an extended time frame, the Board elected to perform an expedited temporary fix in the field that cut down the reconnection time significantly. About a month after the commencement of this project, Engineering determined that the temporary electrical connection performed two years ago had to be reversed prior to the installation of new feeder CFC2. This field change includes cable installation, splices and replacement of cable tags. Total cost for this Field Change was \$ 20,450.00

Fourth Field Change: On August 21st, the Board could not successfully run the 2000KW backup generator that was electrically connected at Hamilton Substation. One day prior, the machine ran with no issues. Meanwhile, Hurricane Laura was projected towards Louisiana within days. The Board determined that the Contractor disconnects feeder CFC2 at PFC and reconnect the Hamilton Feeder. Total cost for this Field Change was \$ 6,965.00

Fifth Field Change: This field change is for the additional cost relative to the overages per unit bid quantities during construction. Total cost for this Field Change was \$ 39,583.00

Spending to Date:

Cumulative Contract Amount (as of 10/19/2020)	\$476,488.35
Cumulative Contract Spending (as of 10/19/2020)	\$455,588.34

Contractor's Past Performance:

The contractor's timeliness of deliverables, conformance to SWBNO policies and procedures, quality meet expectations.

PROCUREMENT INFORMATION

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
Commodity	Public Works Construction	Contract Number	EE20-0004
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	CMRC Date (if nec.):

BUDGET INFORMATION

Funding	CP 676	Department	ELECTRICAL ENGR.
System	Sewer, Water, Drainage	Project Manager	CELSO ANTUNEZ, EI
Job Number	F0484	Purchase Order #	6000089 PG2020

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	40%	\$ 25,715.20	NO
Water System	40%	\$ 25,715.20	NO
Drainage System	20%	\$ 12,857.60	NO
TOTAL		\$ 64,288.00	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

CELSO ANTUNEZ, EI
PROJECT MANAGER
ELECTRICAL ENGINEERING

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

CONTRACT AMENDMENTS

**CONTRACT AMENDMENT NO. 9 TO THE AGREEMENT BETWEEN THE
SEWERAGE AND WATER BOARD OF NEW ORLEANS AND CH2M HILL
ENGINEERS, INC FOR PROGRAM MANAGEMENT AND DESIGN AND
ENGINEERING SERVICES FOR THE RETROFIT POWER PLANT HAZARD
MITIGATION GRANT PROJECT**

WHEREAS, by action of the Board through the adoption of Resolution R-012-2013, Consultant was awarded the agreement for design and engineering services for the Retrofit Power Plant Hazard Mitigation Project at the Carrollton Water Treatment Plant, the Oak Street Raw Water Intake and Pump Station and the Board's power network on the East Bank of the city of New Orleans; and

WHEREAS, by action of the Board through the adoption of Resolution R-118-2014, the existing agreement with Consultant was increased to \$16,438,004; and

WHEREAS, by action of the Board through the adoption of Resolution R-029-2015, the existing agreement with Consultant was increased to \$17,516,243; and

WHEREAS, by action of the Board through the adoption of Resolution R-112-2015, the existing agreement with Consultant was increased to \$22,486,308; and

WHEREAS, by action of the Board through the adoption of Resolution R-014-2017, the existing agreement with Consultant was increased to \$28,385,244; and

WHEREAS, by action of the Board through the adoption of Resolution R-051-2018, the existing agreement with Consultant was increased to \$35,182,231.00; and

WHEREAS, by action of the Board through the adoption of Resolution R-178-2018, the existing agreement with Consultant was increased to \$36,682,216; and

WHEREAS, by action of the Board through the adoption of Resolution R-043-2019, the existing agreement with Consultant was increased to \$41,405,359; and

WHEREAS, by action of the Board through the adoption of Resolution R-043-2019, the existing agreement with Consultant was extended to December 31, 2020; and

WHEREAS, by action of the Board through the adoption of Resolution R-202-2019, the existing agreement with Consultant was increased to \$43,452,081; and

NOW THEREFORE BE IT RESOLVED, that the President and/or President Pro Tem shall be authorized to execute the amendment to this agreement with CH2M HILL Engineers, Inc., a wholly owned subsidiary of Jacobs Engineering Group (Jacobs) increasing the fee authorized to be paid to Jacobs by \$1,772,484 with a contract total of \$45,224,565, and extending the contract duration to December 31, 2021.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans, do hereby

certify that the above and foregoing is a true
and correct copy of a Resolution adopted at the Regular
Monthly Meeting of said Board, duly called and held,
according to law, on November 18, 2020.

GHASSAN KORBAN, EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET



ACTION REQUESTED

AMENDMENT #9

RETROFIT POWER PLANT HAZARD MITIGATION GRANT PROGRAM PROJECT

Request authorization for Amendment No. 9 to the agreement between SWBNO and CH2M Hill Engineers, Inc increasing the fee by \$1,772,484.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	DBE PARTICIPATION:	
		Target	Actual
CH2M Hill Engineers, Inc.	Trigon Associates	23%	11.73%
	ILSI	12%	8.56%
	Beta Group	0%	0.02%
	J. D. Russell Consulting	0%	0.05%
	Dale Stockstill	0%	0.11%
	Batture LLC	0%	0.05%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$12,497,750.00
Previous Amendments 1 – 8:	\$30,954,815.00
% Change of Contract:	248%
Value of Requested Change:	\$1,772,484.00
% Change of Contract:	14.2%
Has an NTP been issued	Yes
Total Revised Contract Value:	\$45,224,565.00
% Change of Contract to Date:	362%
Original Contract Completion Date:	Upon completion of authorized HMGP Projects
Time Extension requested:	Extended through December 2021

Proposed Contract Completion Date: December 2021

Purpose and Scope of the Contract:

Qualified engineering consultant providing design, design build procurement support and engineering services for the Retrofit Power Plant Hazard Mitigation Project at the Carrollton Water Treatment Plant, the Oak Street Raw Water Intake and Pumping Station and the Board's power network on the East Bank of the City of New Orleans.

Reason for Change

Design error/Omission <input type="checkbox"/>	Differing Site condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>	Design Change <input type="checkbox"/>	Other <input checked="" type="checkbox"/>
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Continued engineering support on the HMGP Power Plant Retrofit Program through scheduled completion in 2021. Services include Program Management, Design Engineering Services, Construction Supervision, Inspection Services.

Spending to date:

Cumulative Contract Value (as of 11/1/2020): \$43,452,081.00
Cumulative Contract Spending (as of 11/1/2020): \$43,045,158.06

Contractor's Past Performance:

The engineer's timeliness of deliverables, conformance to SWBNO policies and procedures, quality meet expectations. Total DBE participation to date is approximately 21%. DBE participation is forecasted to be 24%.

PROCUREMENT INFORMATION

Contract Type:	RFQ/RFPs	Award Based On:	Best Value
Commodity:	Professional Services	Contract Number:	N/A
Contractor Market:	Open Market		
Compliance with procurement laws	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

BUDGET INFORMATION

Funding:	Capital	Department:	7000
System:	Combined	Department Head:	M. Ron Spooner
Job Number:	F0469	Purchase Order #:	PG20196000197

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount
Sewer System	13%	\$230,422.92
Water System	34%	\$602,644.56
Drainage System	53%	\$939,416.52
TOTAL ESTIMATED DOLLAR AMOUNT OF AMENDMENT		\$1,772,484.00

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount
FEMA Reimbursable	87.7%	\$1,553,922.92
Sewer/Water/Drainage Systems	12.3%	\$218,561.08

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources,

 11/3/2020

M. Ron Spooner, P.E.
Chief of Engineering
Division of Engineering

AUTHORIZATION OF AMENDMENT NO. 5 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND DIGITAL ENGINEERING & IMAGING, INC. FOR DESIGN AND ENGINEERING SERVICES FOR THE WATER LINE REPLACEMENT PROGRAM

WHEREAS, the Board and Digital Engineering & Imaging, Inc. (“Consultant”) are parties to that certain Agreement dated January 10, 2013 (the “Original Agreement”), as amended by Amendment No. 1 dated September 17, 2014, per Resolution R-156-2020, Amendment No. 2 dated July 1, 2020, per Resolution R-029-2020, and Amendment No. 3 dated August 3, 2020, and Amendment 4 dated September 30, 2020, per Resolution R-081-2020 (as amended, the “Current Agreement”); and

WHEREAS, the Original Agreement engaged Consultant to provide engineering and design services for the Water Line Replacement Program for the Hollygrove and Gert Town neighborhoods, design and inspection services of repair or replacement of water lines damaged by Katrina as approved and funded by FEMA PWs for the City Department of Public Works; and

WHEREAS, Amendment 1 added program/project management and design/inspection services of repair or replacement of street drainage, with compensation at a percentage of construction costs, not to exceed 10% and that the fees, as defined in the original agreement, should be based on the amounts FEMA approved on PWs for design and construction inspection; and

WHEREAS, Amendment 2 included additional design services within the scope of services to be provided, deleted any future program/project management services from the scope of services and deleted all unaccrued program/project management services fees, incorporated federally required provisions for FEMA compliance, established a contract expiration date of June 30, 2023, and increased the compensation by \$411,556.85 to a maximum compensation not to exceed \$798,171.24; and

WHEREAS, Amendment 3 added engineering design services for RR015 BW Cooper, Gert Town, Dixon Group B with fees in the amount of \$184,080.40, for a total maximum compensation of \$982,251.64; and

WHEREAS, Amendment 4 updated survey fees, additional Construction Administration and Resident Inspection services in RR015 BW Cooper, Gert Town, and Dixon Group B at fees not to exceed \$108,150.70 and Construction Administration and Resident Inspection services in RR062 Hollygrove Group B at fees not to exceed \$133,263.60, for a total maximum compensation of \$1,223,665.94; and

WHEREAS, the Board is in need of construction and inspection services for RR064 Hollygrove Group D and the Consultant is willing to perform these services for a fee of \$70,950.60;

NOW THEREFORE, BE IT RESOLVED, that the President or President Pro Tem of the Sewerage and Water Board of New Orleans is hereby authorized to execute on behalf of the Sewerage and Water Board of New Orleans Amendment No. 5 with Digital Engineering & Imaging, Inc., to include engineering and construction services for RR064 Hollygrove Group D and to increase the net fee authorized to be paid to Digital Engineering & Imaging, Inc., by \$70,950.60 to a total maximum compensation not to exceed \$1,294,616.54.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law, on
November 18, 2020.

Ghassan Korban,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS PROFESSIONAL SERVICES FACT SHEET



ACTION REQUESTED

Amendment to Professional Engineering Services Agreement
Digital Engineering & Imaging, Inc. WLRP Agreement

Request authorization for Amendment No.5 to our WLRP Agreement for Project RR064 Hollygrove Group D for a total amount not to exceed \$70,950.60.

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
<i>Digital Engineering & Imaging, Inc.</i>	<i>Royal Engineering & Consultants, LLC</i>	40.00%	14.00%
		0.00%	0.00%
		0.00%	0.00%
Total		40.00%	14.00%

DESCRIPTION AND PURPOSE

Original Contract - Not to Exceed 18% Cost of Construction	
Amendment No.1 - No.4	\$1,223,665.94
Value of Requested Amendment No.5	\$70,950.60
<i>Has a NTP been Issued</i>	<i>No</i>
Total Revised Contract Value	\$1,294,616.54
Original Contract Completion Date	12/30/2022
Previously Approved Extensions (Days)	182
Time Extension Requested (Days)	0
Proposed Contract Completion Date	6/30/2023

Purpose and Scope of the Contract:

Per R-052-2012 on 3/15/2012 an agreement for Water Line Replacement Program (WLRP) engineering services for the following neighborhoods – Hollygrove and Gert Town was executed 1/10/2013.

Reason for Change:

Negotiate Fees - X	Differing Site Condition	Regulatory Requirement
Design Change	Other _____	

Amendment No.5 is required to capture negotiated fees for RR064 Hollygrove Group D in the not to exceed amount of \$70,950.60 for final design, bidding, construction admin and resident inspection.

Future Amendment will be needed to capture negotiated fees for TM005: Eden, Grape and Claiborne Transmissin Mains.

Spending to Date:

Cumulative Contract Amount (as of 1/1/2020)	\$1,223,665.94
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Cumulative Contract Spending (as of 1/1/2020)

\$520,102.46

Contractor's Past Performance:

The designer's timeliness of deliverables, conformance to SWBNO policies, procedures, and quality meet expectations. DBE participation will be met by Resident Inspection services during Construction.

PROCUREMENT INFORMATION

Contract Type	Professional Services	Award Base	Qualified List
Commodity	Public Works Construction	Name & FEMA PW	WLRP & 21031
Contractor Market	Public RFQ with DBE participation		
Compliance with Procurement Laws?	Yes X No	CMRC Date (if nec.) :	10/8/2020

BUDGET INFORMATION

Funding	CP 175-13	Department	JIRR
System	Water	Project Manager	Chantrell Carriere
Job Number	A1369FEM	Purchase Order #	PCCG192040236

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	100%	\$ 70,950.60	WIFIA Loan - 100%
Water System			21031 - 100%
Drainage System		\$ 70,950.60	
TOTAL			

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

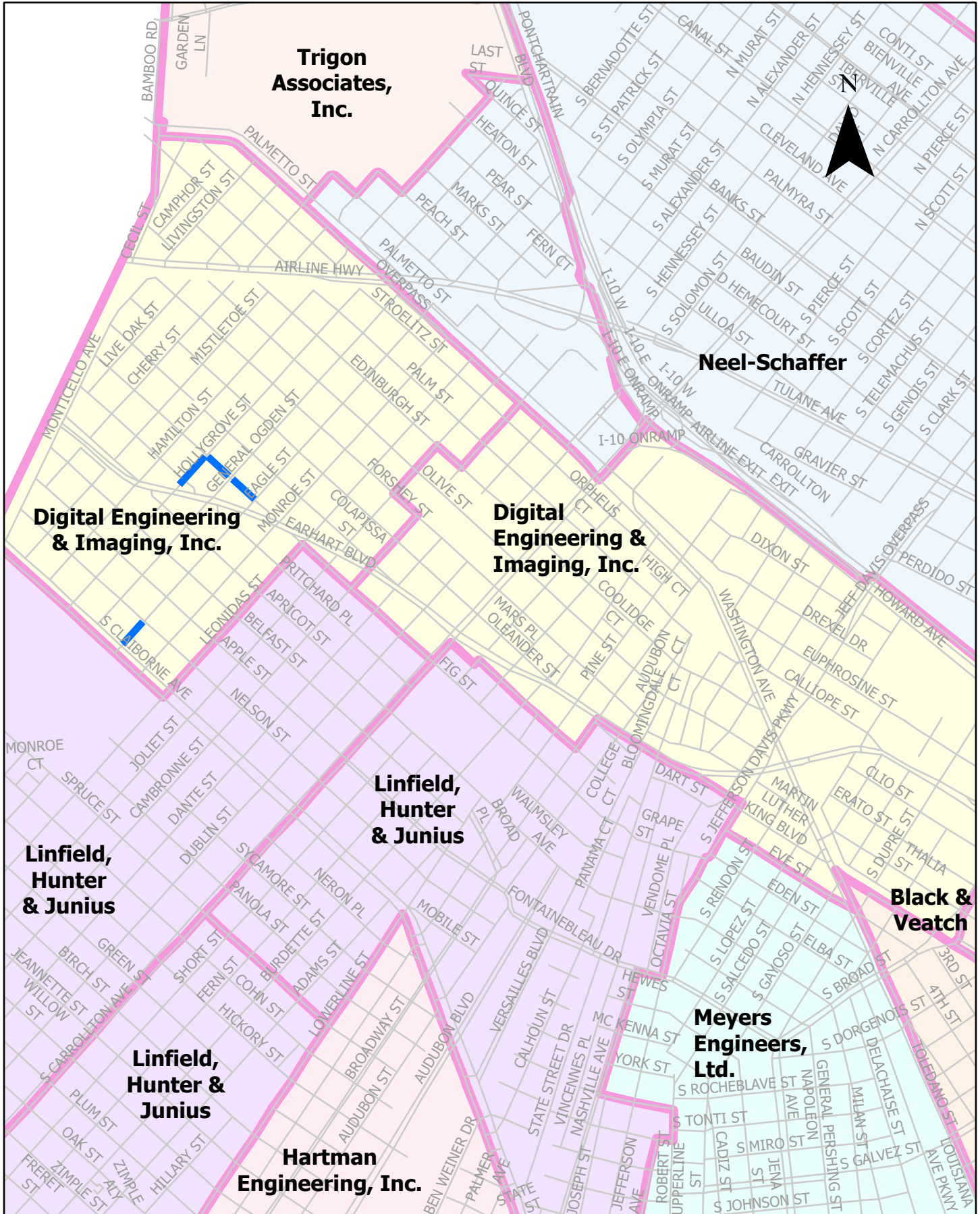
Mark D. Van Hala, P.E.

Program Administrator

Joint Infrastructure Recovery Request

Digital Engineering and Imaging, Inc.

RR064



AUTHORIZATION OF CONTRACT AMENDMENT NO. 6 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND LINFIELD, HUNTER & JUNIUS, INC., FOR DESIGN AND ENGINEERING SERVICES FOR THE WATERLINE REPLACEMENT PROGRAM

WHEREAS, pursuant to Resolution R-042-2012 approved March 15, 2012, **THE SEWERAGE AND WATER BOARD OF NEW ORLEANS** (Board) and **LINFIELD, HUNTER & JUNIUS, INC.**, (Consultant) executed an agreement dated September 10, 2012, for Consultant to provide engineering and design services for the Water Line Replacement Program (WLRP) for the Leonidas, Marlyville-Fountainbleau, East Carrollton and Black Pearl neighborhoods (the “Original Agreement”); and

WHEREAS, the fee under the Original Agreement was not to exceed 18% of the construction cost and the Consultant provided a DBE participation summary; and

WHEREAS, pursuant to Resolution R-161-2014 on August 20, 2014, the Board and Contractor executed Amendment No. 1 to the Original Agreement (as amended, the “Agreement”), adding program/project management services, design and inspection services for repair or replacement of drain lines damaged by Katrina as approved and funded by FEMA PWs for the City Department of Public Works, and payment of fees therefor; and

WHEREAS, the fee under Amendment No. 1 was not to exceed 10% of the construction cost; and

WHEREAS, pursuant to Resolution R-007-2020 on January 22, 2020, the Board and Contractor executed Amendment No. 2, amending the Agreement to delete any future program/project management services and all unaccrued program/project management services fees, to include engineering construction services in the RR009 Black Pearl, East Carrollton Group A and RR118 Marlyville-Fontainebleau Group C at a fee not to exceed \$26,274.82 (for a total fee not to exceed \$813,913.28) and to establish a contract expiration date of June 30, 2023; and

WHEREAS, the Board was in need of additional engineering construction services in projects RR008 Black Pearl Group B and RR009 Black Pearl, East Carrollton Group A, and RR118 Marleyville Fontainebleau Group C at a fee not to exceed \$119,651.11 (for a total fee not to exceed \$933,564.39) and executed Amendment No. 3 on July 20, 2020; and

WHEREAS, the Board needed surveying, geotechnical, design and engineering construction service fees for RRTM006 Leonidas/Fig Transmission Main Project and the Board authorized Amendment No. 4 on June 17, 2020 to the WLRP Agreement with the Consultant for these described services for fee not to exceed \$832,977.91, and a total contract fee not to exceed \$1,766,542.30; and

WHEREAS, the Board needed bidding, construction administration, record drawings and resident inspection for RR097 Leonidas Group A; and the Consultant was willing to perform the described services for fee not to exceed \$83,608.00, and the Board Authorized Amendment No. 5 on September 24, 2020 to the WLRP Agreement with the Consultant for these described services for fee not to exceed \$83,608.9100 and a total contract fee not to exceed \$1,850,150.30; and

WHEREAS, the Board is need of bidding, construction administration, record drawings and resident inspection for RR098 Leonidas Group C and RR099 Leonidas Group D; and

WHEREAS, the Consultant is willing to perform the described services for fee not to exceed \$275,838.00; and

WHEREAS, there are unused Resident Inspection and Supplemental Services fees from the Original Agreement in the amount of \$275,838.00; and

WHEREAS, the net cost of this Amendment is \$0.00 for a total contract fee not to exceed \$1,850,150.30.

NOW, THEREFORE BE IT RESOLVED, that the President or President Pro Tem of the Sewerage and Water Board is hereby authorized to execute on behalf of the Sewerage and Water Board of New Orleans Contract Amendment No. 6 to the existing agreement with Linfield, Hunter and Junius, Inc. to include engineering construction services for RR098 Leonidas Group C and RR099 Leonidas Group D; at zero net change, for a total contract fee not to exceed \$1,850,150.30.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
November 18, 2020.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS PROFESSIONAL SERVICES FACT SHEET**



ACTION REQUESTED

**Amendment to Professional Engineering Services Agreement
RR098 & RR099 to Linfield, Hunter & Junius, Inc. WLRP Agreement**

Request authorization for Amendment No.6 to our WLRP Agreement for Project RR098 Leonidas Group C (\$184,733.00) and RR099 Leonidas Group D (\$91,105.00) for a total not to exceed fee \$275,838.00.

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
<i>Linfield, Hunter & Junius, Inc.</i>	<i>Junius Engineering Consultants, L</i>	35.00%	33.25%
	<i>Sub Name</i>	0.00%	0.00%
	<i>Sub Name</i>	0.00%	0.00%
Total		35.00%	33.25%

DESCRIPTION AND PURPOSE

Original Contract - Not to Exceed 18% Cost of Construction	
Amendments 1-5	\$1,850,150.30
Value of Requested Change	\$0.00
<i>Has a NTP been Issued</i>	<i>No</i>
Total Revised Contract Value	\$1,850,150.30
Original Contract Completion Date	12/30/2022
Previously Approved Extensions (Days)	182
Time Extension Requested (Days)	0
Proposed Contract Completion Date	6/30/2023

Purpose and Scope of the Contract:

The Water Line Replacement Program (WLRP) agreement, R-042-2012 provides engineering services in association with the Joint Infrastructure Recovery Request (JIRR) program in coordination with the City of New Orleans(CNO) Recovery Roads(RR) Program for the following neighborhoods – Leonidas(PW 20769), East Carrollton (PW 20759), Black Pearl (PW 20693), and Marlyville-Fountainbleau (PW 20484).

Reason for Change:

Negotiate Fees - X	Differing Site Condition	Regulatory Requirement
Design Change	Other _____	

- 1. Amendment No.6 provides for final bid documents, bidding, construction administration, and resident inspection for projects RR098 Leonidas Group C (\$184,733.00) and RR099 Leonidas Group D (\$91,105.00) for a total not to exceed fee \$275,838.00.*
- 2. Based on updating FEMA reimbursement to the settlement, \$275,838.00 is being removed from the agreement; these include a portion of the Leonidas, East Carrollton, Black Pearl, and Marlyville-Fountainbleau neighborhoods Resident Inspection (\$212,845.03)*
- 3. Future amendments will be needed for RR123 Marlyville-Fountainbleau Group H and TM009 Spruce Transmission Main.*

Spending to Date:

Cumulative Contract Amount (as of 1/1/2020)	\$1,850,150.30
Cumulative Contract Spending (as of 1/1/2020)	\$483,808.05

Contractor's Past Performance:

The designer's timeliness of deliverables, conformance to SWBNO policies and procedures, quality meet expectations. To date the consultant has achieved a DBE participation rate of 33.25% of the 35% goal. Remaining DBE participation will be met by Resident Inspection Services during Construction.

PROCUREMENT INFORMATION

Contract Type	Professional Services	Award Based On	Qualified List
Commodity	Public Works Construction	Name & FEMA PW	WLRP & 21031
Contractor Market	Public RFQ with DBE participation		
Compliance with Procurement Laws?	Yes X No	CMRC Date (if nec.) :	10/22/2020

BUDGET INFORMATION

Funding	CP 175-13	Department	JIRR
System	Water	Project Manager	Chantrell Carriere
Job Number	A1369FEM	Purchase Order #	PG20196000146

ESTIMATED FUND SOURCE

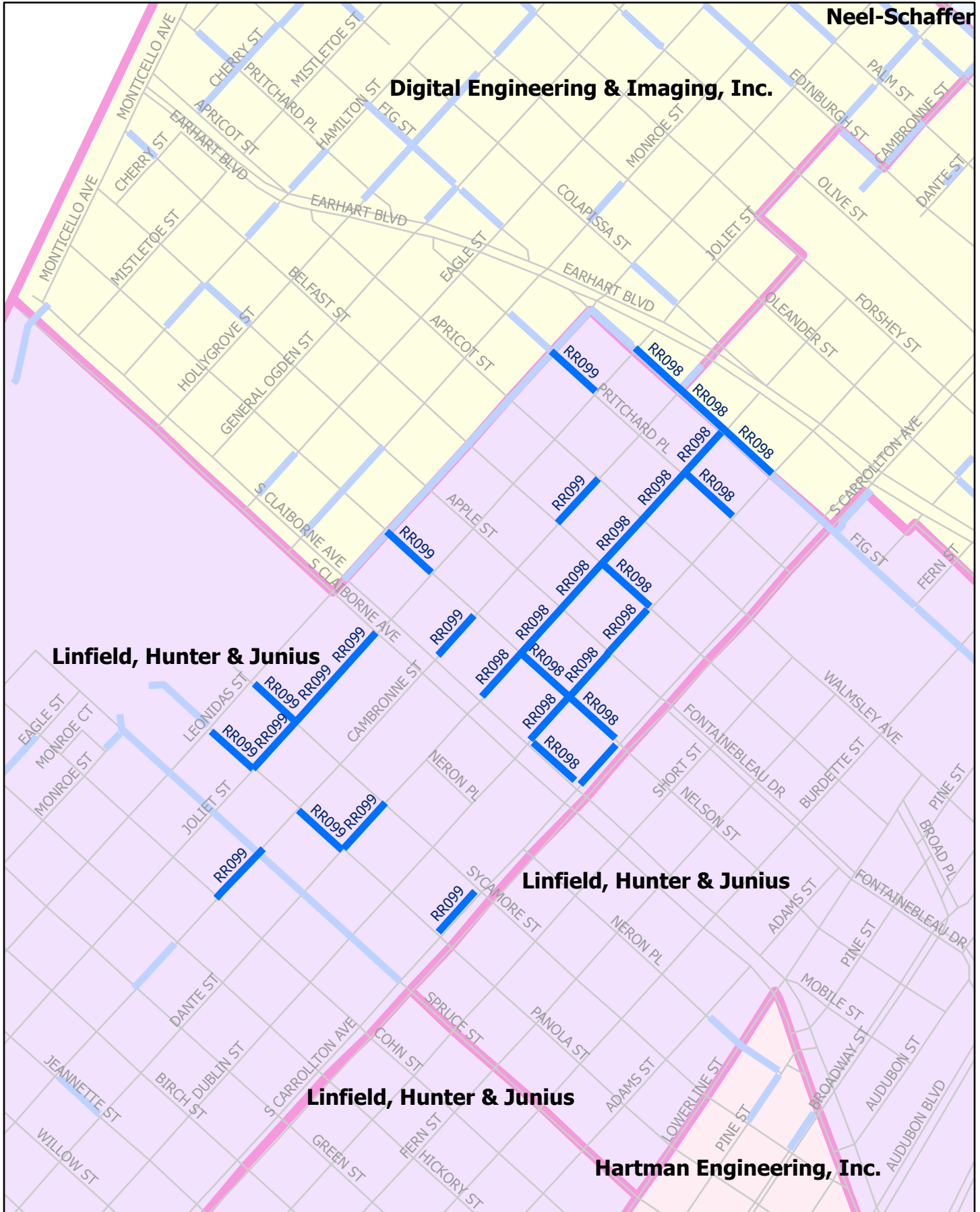
User	Share%	Dollar Amount	Reimbursible?
Sewer System	100%		WIFIA Loan - RR098 & RR099
Water System		0.00	21031 - 100%
Drainage System			
TOTAL		0.00	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

 Mark D. Van Hala, P.E.
 Program Administrator
 Joint Infrastructure Recovery Request

Linfield, Hunter & Junius, Inc. RR098 AND RR099

- FEMA Water Line Replacement RR098 and RR099
- FEMA Water Line Replacement (Other Projects)



AUTHORIZATION OF AMENDMENT NO. 6 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND RAHMAN AND ASSOCIATES, INC. FOR ENGINEERING AND DESIGN SERVICES FOR THE WATERLINE REPLACEMENT PROGRAM

WHEREAS, the **SEWERAGE AND WATER BOARD OF NEW ORLEANS** (“Board”) and **RAHMAN AND ASSOCIATES, INC.** (Consultant) are parties to an original agreement dated March 13, 2012, authorized by Resolution R-020-2012 approved February 15, 2012, for Consultant to provide engineering and design services for the Water Line Replacement Program (WLRP) for the Lakeshore-Lake Vista, Lake Terrace & Oaks, and Filmore neighborhoods(Original Agreement), ; and as amended by Amendment 1 (October 1, 2012, per Resolution R-146-2012), by Amendment 2 (September 17, 2014, per Resolution R-166-2014), by Amendment 3 (April 1, 2020 per Resolution R-086-2019) by Amendment 4 (July 28, 2020, per Resolution R-063-2020), and by Amendment 5 (October 12, 2020, per Resolution Resolution R-063-2020 approved on July 22, 2020; and

WHEREAS, the fee under the original agreement was not to exceed 18% of the cost of construction with duration until construction of the project was complete; and

WHEREAS, Amendment 1 added survey fees in accordance with FEMA guidelines and policy; and

WHEREAS, Amendment 2 provided for program/project management services, design and inspection services of repair or replacement of drain lines and for compensation of survey work in accordance with FEMA recommended policy; and

WHEREAS, Amendment 3 removed project/program management work from contract scope, provided for fixed compensation rather than based on percentage of construction costs, authorized fees to be negotiated on “fair and reasonable” basis, established engineering services fees for RR037, RR072, RR073 resulting in a net fee increase of \$30,465.97 for total maximum fee not to exceed \$1,650,267.62, and established a contract expiration date of November 30, 2021; and

WHEREAS, Amendment 4 established engineering services fees for RR037 Filmore North Group A, RR038 Filmore North Group B, RR042 Filmore South Group A, RR043 Filmore South Group B, RR069 Lake Terrace & Oaks Group A, RR072 Lake Terrace & Oaks Group D, RR073 Lake Vista Group A, and DPW582 Oak Park Drainage in an amount not to exceed \$390,265.69 for a total maximum compensation not to exceed Two Million Forty Thousand Five Hundred Thirty-Three and 31/100 (\$2,040,533.31) Dollars, and extended the contract end date to June 30, 2023; and

WHEREAS, Amendment 5 added engineering construction services for the RR077 Lake Vista Group E and RR074 Lake Vista Group B, added fees of \$222,153.18, for a total maximum fee not to exceed \$2,262,686.49; and

WHEREAS, the Board is now in need of engineering construction services for the RR075 Lake Vista Group C; and

WHEREAS, the Consultant is willing to perform same for \$59,121.96, and a total fee not to exceed \$2,321,808.45.

NOW, THEREFORE BE IT RESOLVED, that the President or the President Pro Tem be and is hereby authorized to execute on behalf of the Sewerage and Water Board of New Orleans Contract Amendment No. 6 to the existing agreement with Rahman & Associates engineering services adding engineering services for RR075 Lake Vista Group C at a fee not to exceed \$59,121.96 and a total maximum fee not to exceed \$2,321,808.45.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
November 18, 2020.

Ghassan Korban,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS PROFESSIONAL SERVICES FACT SHEET



ACTION REQUESTED

Amendment to Professional Engineering Services Agreement
RR075 for Rahman and Associates, Inc. WLRP Agreement

Request authorization to process WLRP Agreement Amendment No. 6 for RR075 Lake Vista Group C in the not to exceed the amount of \$59,121.96.

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
<i>Rahman and Associates, Inc.</i>	<i>C&S Consultants</i>	35.00%	13.00%
	<i>Sub Name</i>	0.00%	0.00%
	<i>Sub Name</i>	0.00%	0.00%
Total		35.00%	13.00%

DESCRIPTION AND PURPOSE

Original Contract - Not to Exceed 18% Cost of Construction	
Amendments 1-5	\$2,262,686.49
Value of Requested Amendment	\$59,121.96
<i>Has a NTP been Issued</i>	<i>No</i>
Total Revised Contract Value	\$2,321,808.45
Original Contract Completion Date	12/30/2022
Previously Approved Extensions (Days)	182
Time Extension Requested (Days)	0
Proposed Contract Completion Date	6/30/2023

Purpose and Scope of the Contract:

This agreement provides engineering services for the Joint Infrastructure Recovery Request (JIRR) program for Lakeshore-Lake Vista, Lake Terrace & Oaks, and Filmore neighborhoods.

Reason for Change:

Negotiate Fees - X	Differing Site Condition	Regulatory Requirement
Design Change	Other _____	

Amendment No. 6 proposed engineering construction services for project RR075 Lake Vista Group C in the not to exceed amount of \$59,121.96 FINAL DESIGN \$1,811.38, BIDDING \$597.44, CONSTRUCTION ADMINISTRATION \$2,389.76, RECORD DRAWINGS \$762.40, RESIDENT INSPECTION @ \$60 per hour. Not to Exceed \$53,560.98

Future Amendments will be needed for

Spending to Date:

Cumulative Contract Amount (as of 1/1/2020)	\$2,262,686.49
Cumulative Contract Spending (as of 1/1/2020)	\$1,067,839.25

Contractor's Past Performance:

The designer's timeliness of deliverables, conformance to SWBNO policies, procedures, and quality meet expectations. To date the consultant has not achieved a DBE participation rate of 35%. Current DBE participation is calculated to be 13.0%. Remaining DBE participation will be met by Resident Inspection Services during Construction.

Future Amendments will be needed for Wave 3 Projects RR039 Filmore North Group C, RR041 Filmore North Group E, RR071 Lake Te

PROCUREMENT INFORMATION

Contract Type	Professional Services	Award Based On	Qualified List
Commodity	Public Works Construction	Name & FEMA PW	WLRP & 21031
Contractor Market	Public RFQ with DBE participation		
Compliance with Procurement Laws?	Yes No	CMRC Date (if nec.) :	10/15/2020

BUDGET INFORMATION

Funding	CP 175-13	Department	JIRR
System	Water	Project Manager	Chantrell Carriere
Job Number	A1369FEM	Purchase Order #	PG20196000182

ESTIMATED FUND SOURCE

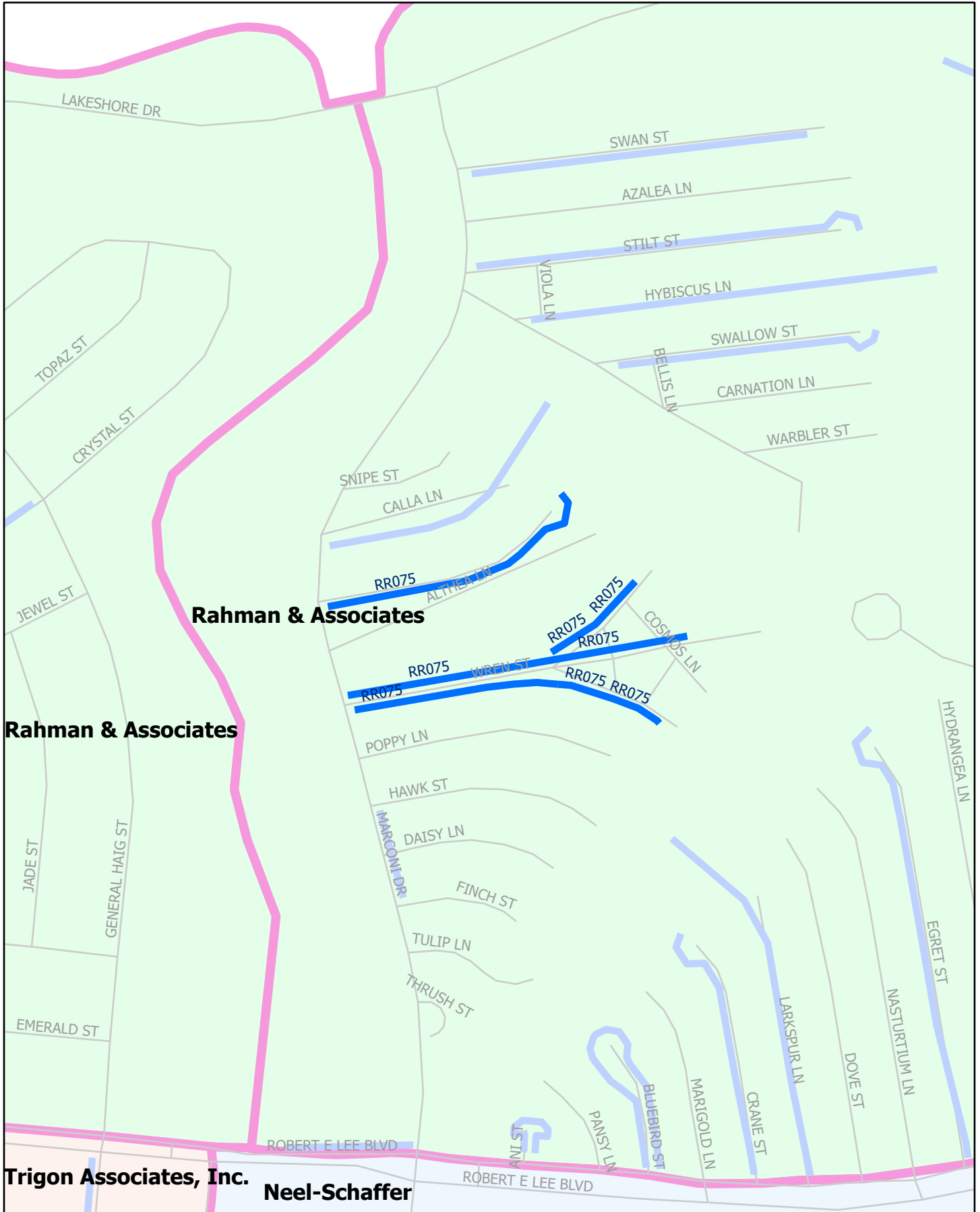
User	Share%	Dollar Amount	Reimbursible?
Sewer System	100%	\$ 59,121.96	WIFIA Loan - 100%
Water System			21031 - 100%
Drainage System		\$ 59,121.96	
TOTAL			

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

Mark D. Van Hala, P.E.

Program Administrator

Joint Infrastructure Recovery Request



AUTHORIZATION OF AMENDMENT NO. 7 TO THE PROFESSIONAL SERVICES AGREEMENT BETWEEN SEWERAGE AND WATER BOARD OF NEW ORLEANS AND MWH AMERICAS, INC. (predecessor in interest to STANTEC CONSULTING SERVICES, INC.) FOR DESIGN AND ENGINEERING SERVICES FOR THE WATER LINE REPLACEMENT PROGRAM (WLRP)

WHEREAS, by Resolution R-214-2011, adopted at its December 2011 Board meeting, the Board approved a list of engineering and consulting firms, including MWH , for the replacement and rehabilitation of its Water Line Replacement Program (WLRP); and

WHEREAS, by Resolution R-001-2012, approved at its January 18, 2012 meeting, the Board authorized execution of a contract with MWH to provide engineering and design services for the Board’s Waterline Replacement Program (WLRP) for the Bywater, Florida, Florida Development, Marigny, St. Claude and St. Roch neighborhoods, and pursuant to Resolution R-001-2012 the Board and MWH entered into a Professional Services Agreement dated April 3, 2012 (the “Original Agreement”) with fees in an amount not-to-exceed of ten (10) percent of construction for design, six (6) percent for inspection and two (2) percent for supplemental services or a sum total not to exceed eighteen (18) percent of the cost of construction; and

WHEREAS, by Resolution R-144-2012 approved at its August 15, 2012, meeting the Board authorized amendment of the Original Agreement to provide for compensation for surveying services to be billed in accordance with the prevailing FEMA recommended policy (not to exceed \$7.00 per linear foot in 2012, which included a mark-up on the direct cost of surveying); and

WHEREAS, pursuant to Resolution R-144-2012, the Board and MWH executed Amendment No. 1 to the Original Agreement on October 1, 2012 (as amended, hereafter, the “Agreement”); and

WHEREAS, by Resolution R-163-2014, adopted at its August 20, 2014 meeting, the Board authorized amending the Agreement to include program/project management services, design and inspection services of repair or replacement of drain lines damaged by Katrina as approved and funded by the Federal Emergency Management Agency (“FEMA”) under Project Worksheets (“PWs”), for the City of New Orleans (“City”), through its Department of Public Works (“DPW”),

WHEREAS, pursuant to Resolution R-163-2014, the Board and MWH executed Amendment No. 2 to the Agreement, dated September 17, 2014, for program/project management services, design and inspection services of repair or placement of drain lines, and to provide for compensation at a percentage of construction costs, not to exceed 10% and that the fees, as defined in the original agreement, should be based on the amounts FEMA approved on PW’s for design and construction inspection; and

WHEREAS, by Resolution R-233-2014, adopted at its November 19, 2014 meeting, the Board authorized amending the Agreement to include identification of FEMA eligible ADA curb ramps noted in PWs for the City and DPW, and payment of fees therefor not to exceed \$459,442.80; and

WHEREAS, pursuant to Resolution R-233-2014, the Board and MWH executed Amendment No. 3 to the Agreement, dated December 17, 2014, for identification of FEMA eligible ADA curb ramps as approved by Board staff, to reflect PWs approved by FEMA for design and construction inspection of the work performed and payment of fees therefor not to exceed \$459,442.80; and

WHEREAS, by merger effective January 1, 2017, Consultant acquired MWH and assumed all its responsibilities under the Agreement; and

WHEREAS, by Resolution R-010-2020, approved on January 22, 2020, the Board authorized amending the Agreement to include final design for RR004 Bayou St John, Fairgrounds and Seventh Ward Group B and RR170 St Claude Group E, and final design and engineering construction services for projects RR166 St Claude Group A, RR167 St Claude Group B, RR168 St Claude Group C, RR180 St Roch Group A, RR181 St Roch Group B in the amount of \$342,272.60, to delete any future program/project management services and all unaccrued program/project management services fees, and to establish a contract expiration date of May 30, 2022; and,

WHEREAS, pursuant to Resolution R-010-2020, the parties executed Amendment No. 4 dated May 19, 2020; and

WHEREAS, by Resolution R-064-2020, approved May 20, 2020, the Board authorized amending the Agreement to include engineering design services for on RR167: St Claude Group B (a DOTD revision), RR004: Bayou St. John, Fairgrounds, Seventh Ward Group B Construction Admin & Inspection, RR020: Bywater, Marigny Group A (Final Design, Construction Admin and Inspection, RR170: St. Claude Group E (Construction Admin and Inspection, and RR168: St. Claude Group C Construction Admin and Inspection in the amount of \$119,874.90, and to extend the contract expiration date from May 30, 2022 to June 30, 2023; and

WHEREAS, pursuant to Resolution R-064-2020, the parties executed Amendment No. 5 dated October 21, 2020; and

WHEREAS, by Resolution R-117-2020, approved October 21, 2020, the Board authorized amending the Agreement to include engineering design services for on RR176 St. Roch North Group A; and Construction Admin and Inspection in the amount not to exceed \$167,140.89; and

WHEREAS, pursuant to Resolution R-117-2020, Amendment No. 6 is being prepared; and

WHEREAS, the Board is in need of construction services on RR177 St. Roch North Group B and RR178 St. Roch North Group C; and

WHEREAS, the Consultant is willing to perform these services for an amount not to exceed \$465,215.71 for a total fee under the Agreement not to exceed \$1,992,108.33; and,

NOW, THEREFORE BE IT RESOLVED, that the President or President Pro Tem of the Sewerage and Water Board is hereby authorized to execute on behalf of the Sewerage and Water Board of New Orleans Contract Amendment No. 7 to the existing agreement with Stantec Consulting Services, Inc. (as successor in interest to MWH Americas, Inc.) to include engineering services for RR177 St. Roch North Group B and RR178 St. Roch North Group C, at an amount not to exceed \$465,215.71 and for a total fee under the Agreement not to exceed \$1,992,108.33.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
November 18, 2020.

Ghassan Korban,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS PROFESSIONAL SERVICES FACT SHEET



ACTION REQUESTED

Amendment to Professional Engineering Services Agreement
RR177 & RR178 Stantec Consulting Services, Inc. WLRP Agreement

Request authorization for Amendment No.7 to our WLRP Agreement for Projects RR177 St. Roch North Group B and RR178 St. Roch North Group C in an amount not to exceed \$465,215.71.

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
<i>Stantec Consulting Services, Inc.</i>	<i>Gotech, Inc.</i>	17.50%	3.20%
	<i>IMS Engineers</i>	17.50%	0.00%
	<i>Sub Name</i>	0.00%	0.00%
Total		35.00%	3.20%

DESCRIPTION AND PURPOSE

Original Contract - Not to Exceed 18% Cost of Construction	
Amendments 1-6	\$1,526,892.62
Value of Requested Change	\$465,215.71
<i>Has a NTP been Issued</i>	<i>No</i>
Total Revised Contract Value	\$1,992,108.33
Original Contract Completion Date	5/30/2022
Previously Approved Extensions (Days)	396
Time Extension Requested (Days)	0
Proposed Contract Completion Date	6/30/2023

Purpose and Scope of the Contract:

This agreement, per R-001-2012 on 1/18/2012, provides engineering services for the Joint Infrastructure Recovery Request (JIRR) program in coordination with the City of New Orleans (CNO) Recovery Roads (RR) Program for Bywater, Florida Area, Marigny, St. Roch, and St. Claude neighborhoods.

Reason for Change:

Negotiate Fees - X	Differing Site Condition	Regulatory Requirement
Design Change	Other _____	

Amendment No. 7. proposes negotiated construction services fees in the amount of \$222,710.48 for final bid documents, bidding, construction administration, and resident inspection on Project RR177 St. Roch North Group B and \$242,505.23. for final bid documents, bidding, construction administration, and resident inspection on project RR178 St. Roch North Group C.

Future Amendments will be needed for 3rd Wave Projects RR005, RR006, RR007, RR016, RR017, RR047, RR169, RR176, and 4th Wave
Spending to Date:

Cumulative Contract Amount (as of 1/1/2020)	\$1,526,892.62
Cumulative Contract Spending (as of 1/1/2020)	\$603,711.90

Contractor's Past Performance:

The designer's timeliness of deliverables, conformance to SWBNO policies, procedures, and quality meet expectations. DBE participation will be met by Resident Inspection services during Construction.

PROCUREMENT INFORMATION

Contract Type	Professional Services	Award Based On	Qualified List
Commodity	Public Works Construction	Name & FEMA PW	WLRP & 21031
Contractor Market	Public RFQ with DBE participation		
Compliance with Procurement Laws?	Yes X No	CMRC Date (if nec.) :	10/22/2020

BUDGET INFORMATION

Funding	CP 175-13 & CP 175-14	Department	JIRR
System	Water & Sewer	Project Manager	Susan Diehl
Job Number	A1348FEM & C1399XXX	Purchase Order #	PG20196000145

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	31%	\$144,002.74	WIFIA Loan - 100% 21031 - 100%
Water System	69%	\$312,212.97	
Drainage System			
TOTAL		\$ 456,215.71	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

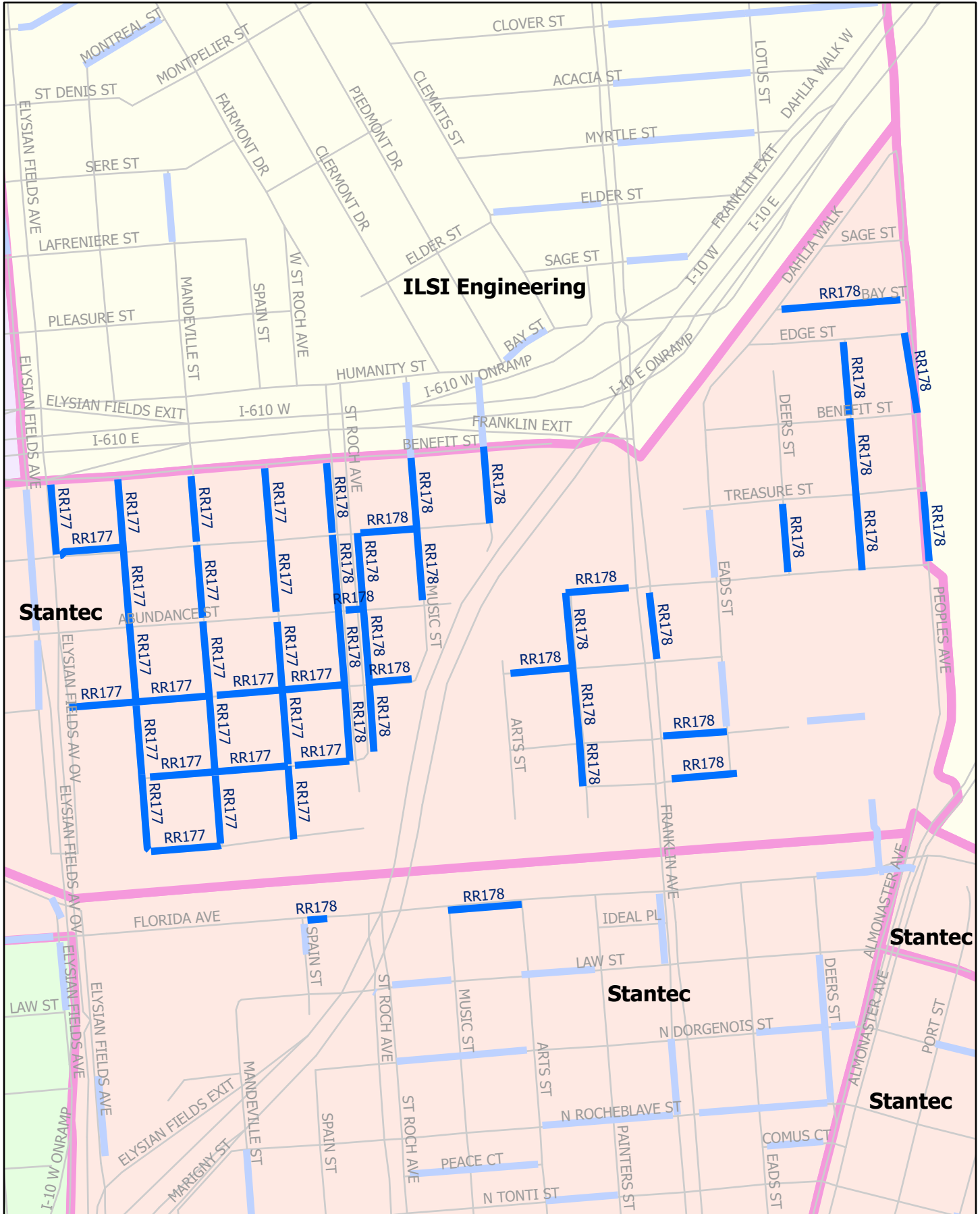
 Mark D. Van Hala, P.E.
 Program Administrator
 Joint Infrastructure Recovery Request

RR177 and RR178

FEMA Water Line Replacement RR177 and RR178

FEMA Water Line Replacement (Other Projects)

N



GENERAL SUPERINTENDENT'S RECOMMENDATIONS

FINAL ACCEPTANCES

CONTRACT #EE20-0004 – FINAL ACCEPTANCE OF 2020 INSTALLATION OF FEEDER CFC2 FROM THE PLANT FREQUENCY CHANGER BLDG. TO CARROLLTON FREQUENCY CHANGER BLDG, ASSOCIATED WITH THE EXTREME EMERGENCY DECLARATION OF TURBINE 5.

WHEREAS, on May 8,2020 the Sewerage and Water Board entered into Contract EE20-0004 with Walter J. Barnes Electric Co., Inc in the amount of \$476,488.35 for 2020 Installation of Feeder CFC2 From the Plant Frequency Changer Bldg. to Carrollton Frequency Changer Bldg,; and,

WHEREAS, Contract EE20-0004 had one Change Order that brought the accumulated Contract Change Order total to \$64,288.00 or 13.49 percent of the original Contract value and,

WHEREAS, Contract EE20-0004 is ready for Final Acceptance by the Water Board of New Orleans and,

NOW THEREFORE BE IT RESOLVED, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent, to authorize final acceptance and close out of Contract EE20-0004, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
November 18, 2020.

Ghassan Korban,
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE & WATER BOARD OF NEW ORLEANS

- FINAL ACCEPTANCE STATEMENT -

DATE: 21-Oct-20

FROM: Celso Antunez, Project Manager

TO: Robert Turner, General Superintendent

RE: **Contract No.:** EE20-0004


CC: Hadi Amini, Ron Spooner

TITLE: **2020 INSTALLATION OF FEEDER CFC2 FROM THE PLANT FREQUENCY CHANGER BLDG. TO CARROLLTON FREQUENCY CHANGER BLDG, ASSOCIATED WITH THE EXTREME EMERGENCY DECLARATION OF TURBINE 5.**

This is to advise that all work on the above-captioned Contract is now completed and acceptance of the Contract is recommended.

CONTRACTOR:	Walter J. Barnes Electric Company, Inc.
ORIGINAL CONTRACT SUM:	\$476,488.35
LUMP SUM BID:	\$0.00
UNIT PRICE BID:	\$0.00
TOTAL CONTRACT BID:	\$476,488.35
UNIT PRICE EXTENSIONS TO CONTRACT:	\$39,583.00
NO. CHANGE ORDERS:	1
TOTAL CHANGE ORDER AMOUNT:	\$45,605.00
(Do not include unit price work in Change Orders)	
TOTAL CONTRACT EXPENDITURE:	\$561,676.35
CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:	9.57%
DATE WORK ORDER ISSUED:	3-Jun-20
DATE WORK ACCEPTED:	22-Aug-20
RETAINAGE INCLUDING FINAL CHANGE ORDER DUE TO CONTRACTOR:	\$56,167.64
CONTRACT DBE Participation goal:	0.0%
CONTRACT DBE Participation achieved:	0.0%

SOURCE OF FUNDS: ☒ CAPITAL


Celso Antunez, E.I.
Program Supervisor


M. Ron Spooner, P. E.,
Chief of Engineering

EXECUTIVE SUMMARY

September 2020

The end of September 2020 reflects 75% of the year. A summary analysis of the financial results and other performance goals is attached for your further review.

(in millions)	<u>Actual</u>	<u>YTD Budget*</u>	<u>Annual Budget</u>	<u>Variance to Ann Budget</u>	<u>Actual/Ann Budget (%)</u>
Operating Revenues	\$197.3	\$ 200.9	\$ 269.0	\$ 71.7	73%
Ad Valorem/Other Rev**	76.7	n/a	73.5	3.2	104%
Operating Expenditures	192.2	240.7	321.0	128.8	59%

YTD = Year to Date (through August)

* YTD Budget assumes revenues and expenditures are collected and spent evenly throughout the year. Ad Valorem taxes are generally collected in the first quarter of each year.

** Ad Valorem and Other Revenue before deduction of interest expense.

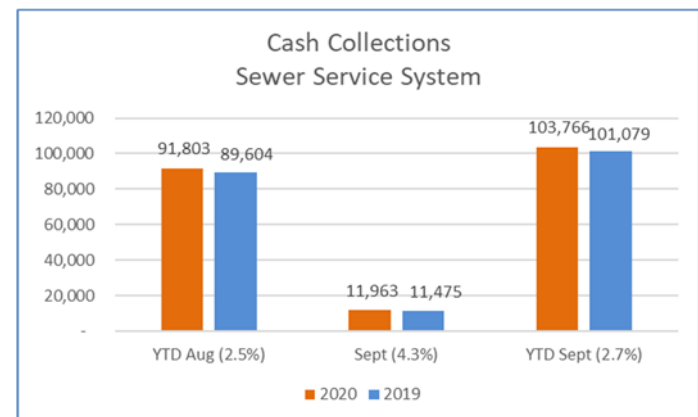
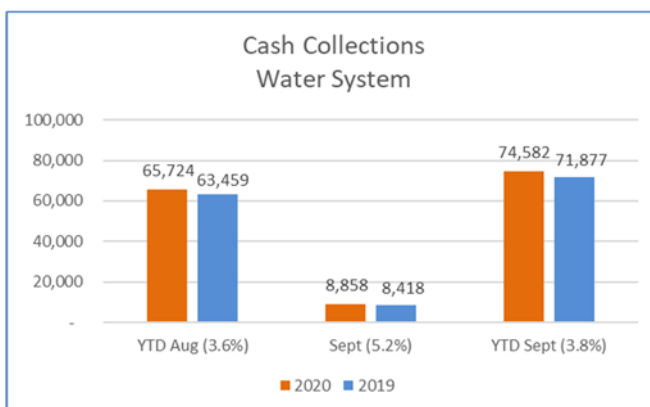
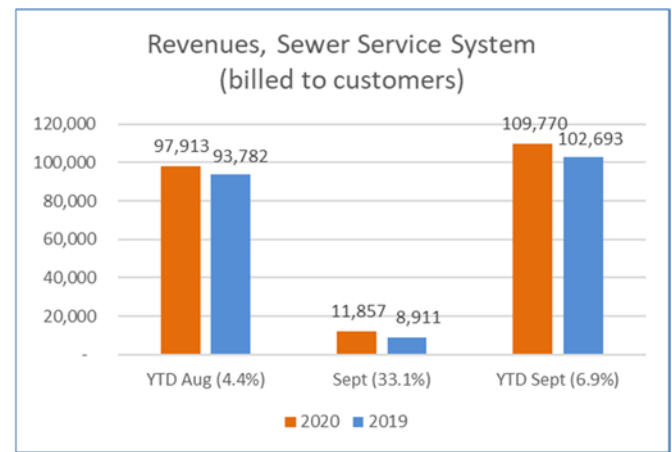
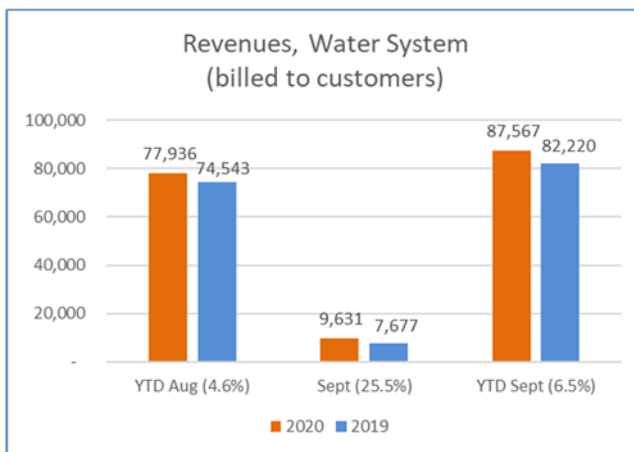
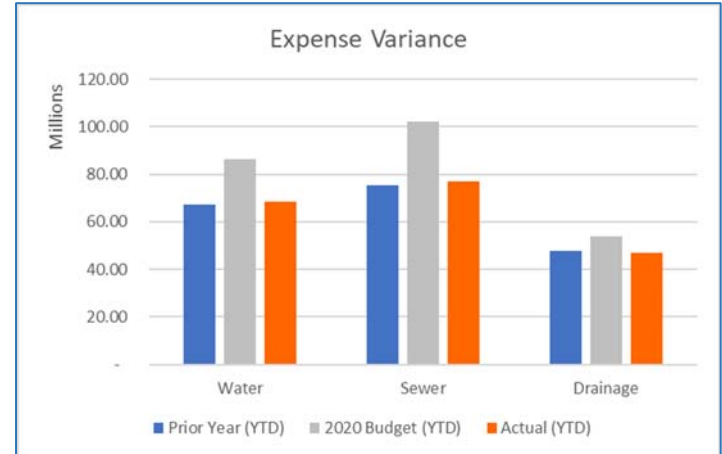
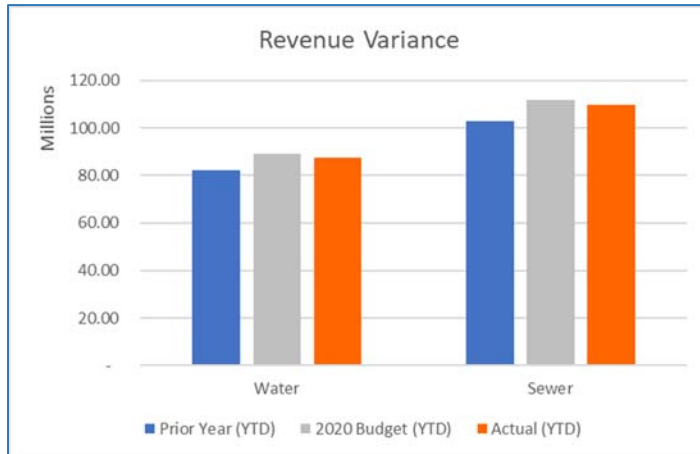
Net Income (as of September 2020)

Operating Revenues	Budget (MTD)	Actual (MTD)	Budget (YTD)	Actual (YTD)	2019 Actual (YTD)	Actuals as % of YTD Budget
Water Service	9,912,699	9,631,383	89,214,289	87,567,124	82,220,208	98.2%
Sewer Service	12,409,210	11,856,976	111,682,888	109,770,001	102,693,299	98.3%
Non Operating Rev (Drainage)	5,589,266	2,670,189	50,303,396	65,786,424	67,571,528	
Misc Revenues	632,795	7,058,818	5,695,157	10,887,820	21,065,421	
Total Revenues	28,543,970	31,217,366	256,895,730	274,011,369	273,550,455	106.7%
Operating Expenses						
Water Service	9,587,310	7,774,122	86,285,794	68,492,710	67,175,571	79.4%
Sewer Service	11,343,257	10,137,493	102,089,310	76,875,803	75,526,377	75.3%
Drainage Service	5,983,982	5,379,313	53,855,834	46,815,120	47,650,534	86.9%
Total Expenses	26,914,549	23,290,928	242,230,938	192,183,632	190,352,482	79.3%
Interest Expense		1,666,760		15,266,197	16,354,800	
Revenues less Expenses	1,629,421	6,259,679	14,664,792	66,561,540	66,843,173	
Adjustment for Non-Cash Expense	6,121,125	6,218,275	55,090,125	54,282,300	50,840,485	
Revenues less Adjusted Expenses	7,750,546	12,477,954	69,754,917	120,843,840	117,683,658	

The Net Operating Income is presented on a budget basis.

Revenue and Expense

Actual revenues and expenditures to date are close to 2019 levels, despite a 10% rate increase, reflecting the downward pressures caused by COVID-19.



Debt Obligations

Debt Information - As of September 30, 2020					
		Water	Sewer	Drainage ⁽¹⁾	Total
Debt Outstanding:					
Revenue Bonds*		182,065,000	199,365,000		381,430,000
Limited Tax Bonds				5,850,000	5,850,000
DEQ SRF Loans*			6,167,550		6,167,550
GoZone Loan			40,044,839		40,044,839
Total Debt Outstanding		182,065,000	245,577,389	5,850,000	433,492,389
Unspent Bond Proceeds ⁽¹⁾					
		223,117	10,253,035		10,476,151
Available Undrawn DEQ Loan Proceeds			9,872,450		9,872,450
(South Shore Basin Project)					
Available Borrowed Funds		223,117	20,125,485	-	20,348,601
(1) As reported by BLCD.					
* Included in Debt Service Coverage Tests					

Capital

2020 CAPITAL DISBURSEMENTS (As of 9/30/20)			
	Budgeted	Actual Expenditures YTD	Remaining
Grant Funded Projects (FEMA/HMGP)	\$ 209,466,231.00	11,068,764.53	\$ 198,397,466.47
Fair Share Projects	\$ 20,500,000.00	\$ 1,030,625.00	\$ 19,469,375.00
Targeted Funded Projects	\$ 95,428,650.00	\$ 31,810,189.20	\$ 63,618,460.80
Total	\$ 325,394,881.00	\$ 43,909,578.73	\$ 281,485,302.27

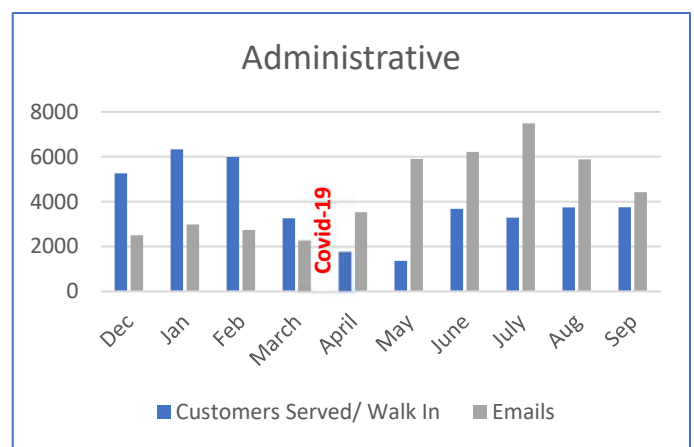
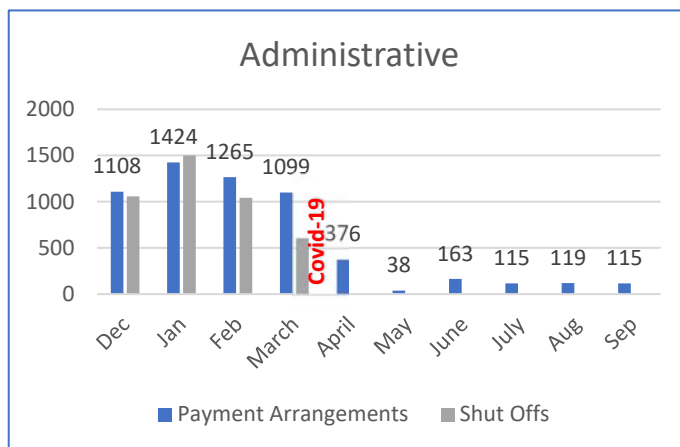
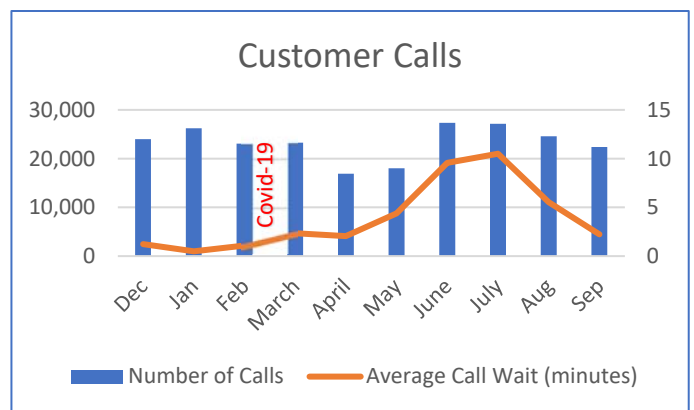
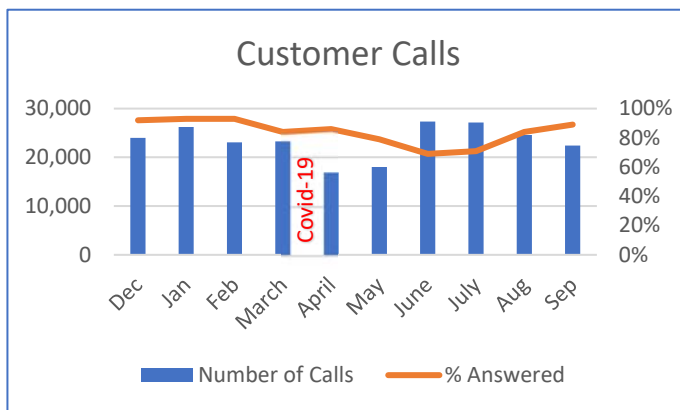
Federal Grant/Funding Status

FEDERAL GRANT/FUNDING STATUS (As of 9/30/20)			
	Obligated	Expended	Reimbursed
Hurricane PA Projects	\$ 546,777,822.58	\$ 505,157,578.67	\$ 474,228,202.00
HMGP Projects	\$ 188,871,018.00	\$ 179,384,488.65	\$ 132,750,883.84
JIRR Projects	\$ 268,448,968.15	\$ 8,062,520.84	\$ 6,550,168.73
Totals	\$ 1,004,097,808.73	\$ 692,604,588.16	\$ 613,529,254.57

Customer Experience:

In September 2020, a total of 39,546 customers were served via the call center, IVR or emails. Call center staff have been redirected to support virtual response activities. These reports do not include actions and responses related to investigations.

Total # Calls	Total calls Answered	Total Dropped Calls	Average Call Wait	% Answered
22,388	19,941	2,447	2 min 23 secs	89%

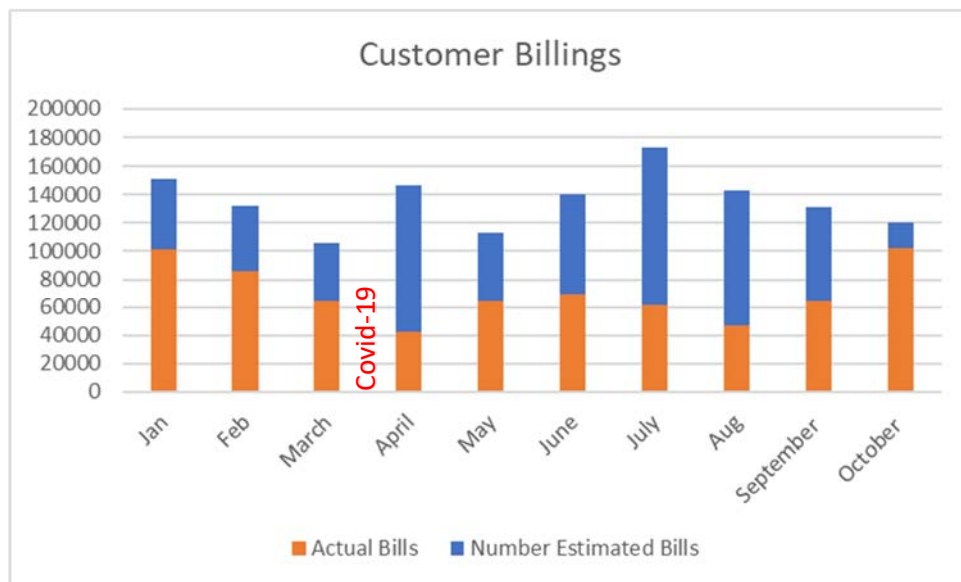


Billing Accuracy

The billing and collections division is responsible for the creation and distribution of accurate customer bills, resolving all billing complaints, interfacing with large non-residential customers and ensuring successful collections efforts to ensure the financial solvency of SWBNO. Accuracy of customer bills depends on measuring and reporting the actual water use of each customer. In addition, the integrity of the system relies on account investigations, as necessary, from either customer inquiries or from staff-initiated queries. The following metrics are monitored to help management measure and improve the bill accuracy, improve the customer response time and implement best practice collection activity.

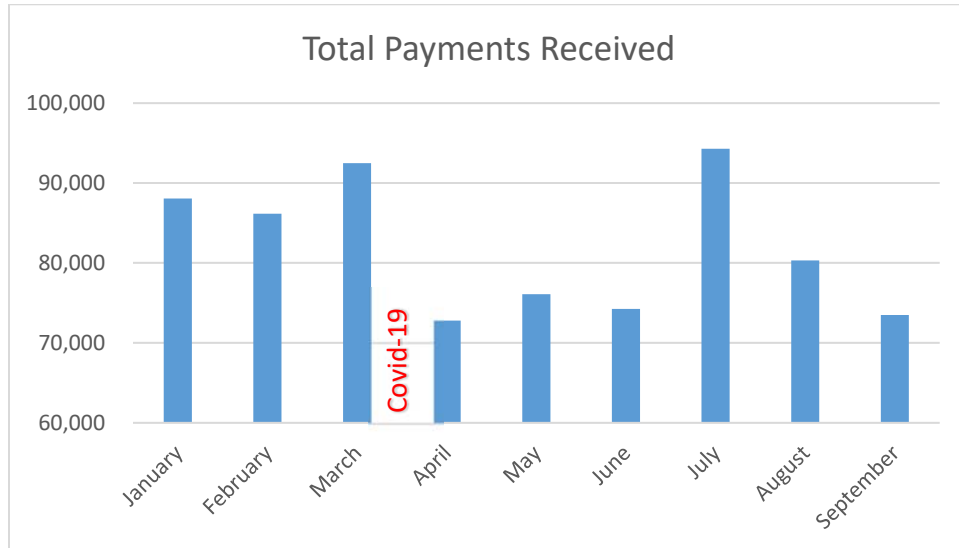
The Sewerage and Water Board (SWBNO) suspended water service shut-offs Thursday, March 12, and will adhere to this policy change for the duration of the Mayor's Declared Emergency proclamation in response to the COVID-19 pandemic.

The high number of estimated reads, caused by COVID-19 related staffing shortages and seasonal turnover, drive billing complaints and inaccuracies. To address this challenge, SWBNO has augmented its meter reading staff with 20 temporary employees to help our internal team provide actual reads of meters over the next three months.



Collections

A total of 73,473 payments were received in September. These payments are received via mail, walk-ins, online payments, and IVR.



Active Accounts

CUSTOMER ACCOUNT AGING REPORT

[As of September 30, 2020]

CUSTOMER CATEGORY TYPE	TOTAL NUMBER OF ACCOUNTS	TOTAL NUMBER OF DELINQUENCIES	60+ DAYS PAST DUE	TOTAL NUMBER OF ACCOUNTS IN DISPUTE
Residential	120,326	25,220	\$ 32,944,540.17	1,621
Multi-Family	4,598	716	\$ 2,506,604.13	77
Commercial	12,826	1,427	\$ 7,844,875.90	211
Industrial	31	2	\$ 391.66	-
TOTALS	137,781	27,365	\$ 43,296,411.86	1,909



Inactive Accounts

September 2020							
Row Labels	Class Count		Sum of Balance		Average Per Unit Balance		
	August	September	August	September	August	September	
COMMERCIAL	14	14	15,127.93	15,127.93	1,080.57	1,080.57	
HYDRANT	17	20	93,287.98	104,599.83	5,487.53	5,229.99	
INDUSTRIAL	1	1	32,641.78	32,641.78	32,641.78	32,641.78	
LG COMMERCIAL	76	78	1,019,428.56	1,052,980.74	13,413.53	13,499.75	
MULTI FAMILY	699	710	790,726.50	816,005.34	1,131.23	1,149.30	
RESIDENTIAL	30,281	30,609	27,520,557.77	28,000,011.95	908.84	914.76	
SM COMMERCIAL	1,128	1,149	2,017,405.81	2,048,246.25	1,788.48	1,782.63	
Grand Total	32,216	32,581	31,489,176.33	32,069,613.82			

The SWBNO policy requires that inactive accounts are written off at the end of three years. At the end of April 2020, the SWBNO wrote-off 8259 accounts inactive since 2016, for year end 2019, reflecting \$3.4M of accounts receivables to bad debt.

2019 vs. 2020 Water and Sewerage System Cash Collections

2019 Water Collections						2020 Water Collections				2020 vs. 2019 Collections
Months	Water Service Charges & Fees	Delinquent Fees	Total	Through Oct as % of Annual		Months	Water Service Charges & Fees	Delinquent Fees	Total	
January	\$ 7,269,033	\$ 145,536	\$ 7,414,569	82.4%		January	\$ 9,370,008	\$ 193,867	\$ 9,563,875	\$ 2,149,306
February	\$ 6,261,340	\$ 136,461	\$ 6,397,801			February	\$ 8,510,690	\$ 162,949	\$ 8,673,639	\$ 2,275,839
March	\$ 6,835,909	\$ 98,609	\$ 6,934,519			March	\$ 8,510,036	\$ 162,272	\$ 8,672,308	\$ 1,737,790
April	\$ 8,024,726	\$ 182,469	\$ 8,207,195			April	\$ 6,519,253	\$ 279,649	\$ 6,798,902	\$ (1,408,293)
May	\$ 8,128,278	\$ 148,478	\$ 8,276,756			May	\$ 7,900,869	\$ 105,513	\$ 8,006,382	\$ (270,374)
June	\$ 7,547,372	\$ 150,562	\$ 7,697,934			June	\$ 7,267,122	\$ 82,830	\$ 7,349,952	\$ (347,982)
July	\$ 9,662,101	\$ 194,163	\$ 9,856,264			July	\$ 8,048,453	\$ 43,613	\$ 8,092,066	\$ (1,764,198)
August	\$ 8,483,471	\$ 190,224	\$ 8,673,696			August	\$ 8,528,091	\$ 39,029	\$ 8,567,120	\$ (106,576)
September	\$ 8,246,459	\$ 171,490	\$ 8,417,949		September	\$ 8,829,034	\$ 28,497	\$ 8,857,531	\$ 439,582	
October	\$ 10,133,620	\$ 192,930	\$ 10,326,549	October	\$ 7,613,451	\$ 24,426	\$ 7,637,877	\$ (2,688,672)		
November	\$ 9,064,555	\$ 213,662	\$ 9,278,216	17.6%	November					
December	\$ 8,126,348	\$ 141,736	\$ 8,268,084		December					
TOTAL	\$ 97,783,213	\$ 1,966,318	\$ 99,749,531		TOTAL	\$ 81,097,008	\$ 1,122,645	\$ 82,219,652	\$ 16,421	
YTD (through Oct)	\$ 80,592,310	\$ 1,610,921	\$ 82,203,231							

2019 Sewerage Collections						2020 Sewerage Collections					2020 vs. 2019 Collections							
Months	Sewerage Service Charges & Fees		Delinquent Fees	Total		Through Oct as % of Annual	Months	Sewerage Service Charges & Fees				Delinquent Fees	Total					
January	\$	10,283,064	\$	183,074		\$	10,466,138	85.1%	January		\$	12,683,216	\$	247,883	\$	12,931,099	\$	2,464,962
February	\$	8,856,052	\$	174,247		\$	9,030,299		February		\$	11,510,258	\$	213,939	\$	11,724,198	\$	2,693,898
March	\$	10,920,960	\$	123,706	\$	11,044,666	March		\$	12,337,081	\$	207,785	\$	12,544,866	\$	1,500,200		
April	\$	11,750,766	\$	171,101	\$	11,921,867	April		\$	9,460,656	\$	149,191	\$	9,609,847	\$	(2,312,020)		
May	\$	11,709,701	\$	184,362	\$	11,894,064	May		\$	10,703,694	\$	136,628	\$	10,840,322	\$	(1,053,742)		
June	\$	10,666,270	\$	193,564	\$	10,859,833	June		\$	10,485,228	\$	105,070	\$	10,590,298	\$	(269,535)		
July	\$	12,418,687	\$	240,120	\$	12,658,808	July		\$	11,609,615	\$	54,036	\$	11,663,651	\$	(995,157)		
August	\$	11,484,227	\$	244,491	\$	11,728,718	August		\$	11,850,512	\$	47,804	\$	11,898,316	\$	169,599		
September	\$	11,249,671	\$	225,192	\$	11,474,863	September		\$	11,927,583	\$	35,569	\$	11,963,153	\$	488,290		
October	\$	13,327,187	\$	246,420	\$	13,573,607	October	\$	10,112,092	\$	29,194	\$	10,141,285	\$	(3,432,322)			
November	\$	7,943,403	\$	256,514	\$	8,199,917	14.9%	November										
December	\$	11,698,150	\$	180,495	\$	11,878,645		December										
TOTAL	\$	132,308,137	\$	1,966,318	\$	134,731,424		TOTAL	\$	112,679,936	\$	1,227,099	\$	113,907,035		\$	(745,827)	
YTD (through Oct)	\$	112,666,585	\$	1,986,277	\$	114,652,862												

Sewerage and Water Board of New Orleans
Cashflow Schedule
as of October 31, 2020

	Running Rate Scenario (10/31/2020)			Management Scenario		
	Water	Sewer	Drainage	Water	Sewer	Drainage
Cash Balances Available for O&M as of December 31, 2019	\$13,267,237	\$25,995,022	\$8,399,496	\$13,267,237	\$25,995,022	\$8,399,496
Cash Collections and Millages	\$121,370,558	\$112,318,256	\$68,753,320	\$121,370,558	\$112,318,256	\$68,753,320
Expenditures and Transfers Out (Jan-Oct)	(\$128,014,175)	(\$106,557,768)	(\$42,692,129)	(\$128,014,175)	(\$106,557,768)	(\$42,692,129)
Cash Balances Available for O&M as of October 31, 2020	\$6,623,620	\$31,755,510	\$34,460,687	\$6,623,620	\$31,755,510	\$34,460,687
Projected Cash Collections (Nov-Dec)	\$20,702,074	\$20,311,657	\$559	\$20,702,074	\$20,311,657	\$559
Projected Expenditures (Nov-Dec)	(\$26,856,288)	(\$27,593,730)	(\$10,474,762)	(\$26,856,288)	(\$27,593,730)	(\$10,474,762)
<i>Potential Expense Reductions</i>				\$0	\$0	\$0
Projected cash balances available as of December 31, 2020	\$469,405	\$24,473,436	\$23,986,483	\$469,405	\$24,473,436	\$23,986,483
Expected Interfund Transfers (Temporary)	\$0	\$0	\$0	\$3,000,000	\$0	(\$3,000,000)
<i>Estimated Expense Reallocation (Permanent)*</i>	\$0	\$0	\$0	\$3,000,000	(\$3,000,000)	\$0
Add Customer Deposits	\$11,313,498	\$0	\$0	\$11,313,498	\$0	\$0
Add Additional Fair Share Funds**	\$5,197,202	\$0	\$0	\$5,197,202	\$0	\$0
Add Other Accounts	\$2,274,861	\$4,711,423	\$1,817,273	\$2,274,861	\$4,711,423	\$1,817,273
Amounts Included for Days Cash	\$19,254,967	\$29,184,860	\$25,803,756	\$25,254,967	\$26,184,860	\$22,803,756
Projected One Day Expenditures	\$233,763	\$213,901	\$108,405	\$233,763	\$213,901	\$108,405
<i>Projected Days Cash</i>	<i>82</i>	<i>136</i>	<i>238</i>	<i>108</i>	<i>122</i>	<i>210</i>

* Estimated expense reallocation is derived by taking the water and sewer expenses (excluding sanitation and taxes) and transferring funds to equalize and more accurately attribute costs across the two systems

** Fair Share funds expected to be spent on capital projects in 2021

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
September 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	9,631,383	7,676,990	1,954,393	25.5%	87,567,124	82,220,208	5,346,916	6.5%	1
2 Sewerage service charges and del fees	11,856,976	8,910,914	2,946,062	33.1%	109,770,001	102,693,299	7,076,702	6.9%	2
3 Plumbing inspection and license fees	32,969	51,920	(18,951)	-36.5%	342,971	440,166	(97,195)	-22.1%	3
4 Other revenues	36,234	181,723	(145,489)	-80.1%	2,805,844	3,572,195	(766,351)	-21.5%	4
5 Total operating revenues	21,557,562	16,821,547	4,736,015	28.2%	200,485,940	188,925,868	11,560,072	6.1%	5
Operating Expenses:									
6 Power and pumping	1,523,025	957,641	565,384	59.0%	13,248,731	11,906,181	1,342,550	11.3%	6
7 Treatment	2,699,392	2,619,183	80,209	3.1%	16,102,556	12,248,477	3,854,079	31.5%	7
8 Transmission and distribution	3,035,550	2,284,862	750,688	32.9%	22,003,275	24,615,928	(2,612,653)	-10.6%	8
9 Customer accounts	399,867	418,948	(19,081)	-4.6%	3,251,910	3,833,215	(581,304)	-15.2%	9
10 Customer service	547,279	479,262	68,017	14.2%	5,424,393	3,475,703	1,948,690	56.1%	10
11 Administration and general	1,855,545	2,746,743	(891,198)	-32.4%	18,291,870	29,841,738	(11,549,868)	-38.7%	11
12 Payroll related	5,771,843	3,991,994	1,779,849	44.6%	41,407,711	35,986,407	5,421,305	15.1%	12
13 Maintenance of general plant	1,240,153	1,323,729	(83,577)	-6.3%	18,170,886	17,604,349	566,537	3.2%	13
14 Depreciation	5,346,353	4,954,114	392,239	7.9%	48,117,173	45,466,730	2,650,442	5.8%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	626,023	361,124	264,899	73.4%	5,053,128	3,250,119	1,803,009	55.5%	16
17 Provision for claims	245,900	265,930	(20,031)	-7.5%	1,112,000	2,123,636	(1,011,635)	-47.6%	17
18 Total operating expenses	23,290,928	20,403,532	2,887,395	14.2%	192,183,632	190,352,482	1,831,150	1.0%	18
19 Operating income (loss)	(1,733,365)	(3,581,985)	1,848,619	-51.6%	8,302,308	(1,426,614)	9,728,921	-682.0%	19
Non-operating revenues (expense):									
20 Two-mill tax	260	-	260	0.0%	643	35	608	1752.0%	20
21 Three-mill tax	433,264	-	433,264	0.0%	17,776,627	15,180,014	2,596,613	17.1%	21
22 Six-mill tax	456,184	-	456,184	0.0%	18,735,321	16,006,243	2,729,078	17.1%	22
23 Nine-mill tax	683,661	-	683,661	0.0%	28,082,405	23,992,705	4,089,700	17.0%	23
24 Interest income	1,785,338	22,897	1,762,440	7697.2%	2,331,023	1,499,571	831,452	55.4%	24
25 Other Taxes	-	-	-	0.0%	297,713	297,272	441	0.1%	25
26 Other Income	6,225,937	-	6,225,937	0.0%	6,225,937	27,648,650	(21,422,714)	-77.5%	26
27 Interest expense	(1,666,760)	(1,817,200)	150,440	-8.3%	(15,266,197)	(16,354,800)	1,088,603	-6.7%	27
28 Operating and maintenance grants	75,161	(58)	75,219	-129464.1%	75,761	98	75,663	77603.1%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	7,993,044	(1,794,361)	9,787,405	-545.5%	58,259,232	68,269,787	(10,010,555)	-14.7%	30
31 Income before capital contributions	6,259,679	(5,376,346)	11,636,025	-216.4%	66,561,540	66,843,173	(281,634)	-0.4%	31
32 Capital contributions	9,885,823	2,808,638	7,077,185	252.0%	18,167,221	14,990,418	3,176,803	21.2%	32
33 Change in net position	16,145,502	(2,567,707)	18,713,209	-728.8%	84,728,760	81,833,591	2,895,169	3.5%	33
34 Audit Adjustment						2,543,545			34
35 Net position, beginning of year					2,356,268,052	2,244,801,991	111,466,061	5.0%	35
36 Net position, end of year					2,440,996,812	2,329,179,127	111,817,685	4.8%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
September 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	9,631,383	7,676,990	1,954,393	25.5%	87,567,124	82,220,208	5,346,916	6.5%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	16,749	23,209	(6,460)	-27.8%	172,840	220,603	(47,763)	-21.7%	3
4 Other revenues ¹	111,545	151,859	(40,314)	-26.5%	3,678,235	2,318,613	1,359,621	58.6%	4
5 Total operating revenues	9,759,677	7,852,058	1,907,619	24.3%	91,418,199	84,759,424	6,658,774	7.9%	5
Operating Expenses:									
6 Power and pumping	226,604	113,321	113,282	100.0%	1,806,278	1,693,829	112,449	6.6%	6
7 Treatment	569,543	731,109	(161,566)	-22.1%	6,527,767	6,825,761	(297,994)	-4.4%	7
8 Transmission and distribution	1,699,029	980,896	718,133	73.2%	10,794,107	11,525,980	(731,873)	-6.3%	8
9 Customer accounts	196,209	208,224	(12,015)	-5.8%	1,618,289	1,906,918	(288,629)	-15.1%	9
10 Customer service	270,765	236,513	34,252	14.5%	2,682,387	1,711,367	971,020	56.7%	10
11 Administration and general	662,171	902,396	(240,225)	-26.6%	6,365,750	10,040,154	(3,674,403)	-36.6%	11
12 Payroll related	2,121,531	1,487,446	634,085	42.6%	15,363,648	13,412,160	1,951,488	14.6%	12
13 Maintenance of general plant	600,438	613,090	(12,652)	-2.1%	10,755,889	8,744,593	2,011,296	23.0%	13
14 Depreciation	1,053,625	1,018,044	35,581	3.5%	9,482,624	8,960,529	522,095	5.8%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	275,848	167,262	108,586	64.9%	2,482,635	1,505,362	977,274	64.9%	16
17 Provision for claims	98,360	106,372	(8,012)	-7.5%	613,335	848,918	(235,583)	-27.8%	17
18 Total operating expenses	7,774,122	6,564,672	1,209,450	18.4%	68,492,710	67,175,571	1,317,139	2.0%	18
19 Operating income (loss)	1,985,555	1,287,386	698,169	54.2%	22,925,489	17,583,854	5,341,635	30.4%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	756,223	41	756,182	1838516.8%	968,604	526,862	441,742	83.8%	24
25 Other Taxes	-	-	-	0.0%	132,482	132,286	196	0.1%	25
26 Other Income	5,195,312	-	5,195,312	0.0%	5,195,312	6,679,294	(1,483,982)	-22.2%	26
27 Interest expense	(804,046)	(834,524)	30,478	-3.7%	(7,236,413)	(7,510,716)	274,303	-3.7%	27
28 Operating and maintenance grants	29,587	(58)	29,645	-51023.5%	30,187	(389)	30,576	-7852.1%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	5,177,076	(834,541)	6,011,617	-720.4%	(909,828)	(172,664)	(737,165)	426.9%	30
31 Income before capital contributions	7,162,631	452,846	6,709,786	1481.7%	22,015,660	17,411,190	4,604,471	26.4%	31
32 Capital contributions	3,258,673	978,687	2,279,986	233.0%	9,053,495	5,149,083	3,904,411	75.8%	32
33 Change in net position	10,421,304	1,431,533	8,989,771	628.0%	31,069,155	22,560,273	8,508,882	37.7%	33
34 Audit Adjustment						478,632			34
35 Net position, beginning of year					371,193,548	337,709,558	33,483,990	9.9%	35
36 Net position, end of year					402,262,703	360,748,463	41,514,240	11.5%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
September 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	11,856,976	8,910,914	2,946,062	33.1%	109,770,001	102,693,299	7,076,702	6.9%	2
3 Plumbing inspection and license fees	16,220	28,711	(12,491)	-43.5%	170,131	219,563	(49,432)	-22.5%	3
4 Other revenues	22,428	27,879	(5,450)	-19.5%	708,493	741,965	(33,471)	-4.5%	4
5 Total operating revenues	11,895,624	8,967,504	2,928,121	32.7%	110,648,625	103,654,827	6,993,799	6.7%	5
Operating Expenses:									
6 Power and pumping	515,689	210,873	304,816	144.5%	3,950,598	3,196,377	754,221	23.6%	6
7 Treatment	2,129,850	1,888,074	241,775	12.8%	9,574,789	5,422,716	4,152,073	76.6%	7
8 Transmission and distribution	1,031,081	874,806	156,275	17.9%	8,147,427	9,969,434	(1,822,007)	-18.3%	8
9 Customer accounts	196,209	208,223	(12,015)	-5.8%	1,618,287	1,906,915	(288,627)	-15.1%	9
10 Customer service	270,764	236,512	34,252	14.5%	2,682,385	1,711,364	971,021	56.7%	10
11 Administration and general	799,032	1,235,737	(436,705)	-35.3%	8,061,675	13,366,844	(5,305,170)	-39.7%	11
12 Payroll related	2,131,496	1,485,049	646,447	43.5%	15,493,120	13,369,127	2,123,993	15.9%	12
13 Maintenance of general plant	408,642	462,010	(53,368)	-11.6%	4,305,527	5,547,730	(1,242,203)	-22.4%	13
14 Depreciation	2,209,906	1,968,320	241,586	12.3%	19,889,153	18,450,959	1,438,193	7.8%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	346,465	192,888	153,577	79.6%	2,537,108	1,735,993	801,114	46.1%	16
17 Provision for claims	98,360	106,372	(8,012)	-7.5%	615,735	848,918	(233,182)	-27.5%	17
18 Total operating expenses	10,137,493	8,868,865	1,268,628	14.3%	76,875,803	75,526,377	1,349,426	1.8%	18
19 Operating income (loss)	1,758,131	98,638	1,659,493	1682.4%	33,772,823	28,128,450	5,644,373	20.1%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	980,377	4	980,373	24206748.9%	1,219,074	468,679	750,396	160.1%	24
25 Other Taxes	-	-	-	0.0%	165,231	164,986	245	0.1%	25
26 Other Income	-	-	-	0.0%	-	9,080,856	(9,080,856)	-100.0%	26
27 Interest expense	(862,714)	(982,676)	119,962	-12.2%	(8,029,784)	(8,844,084)	814,300	-9.2%	27
28 Operating and maintenance grants	28,116	-	28,116	0.0%	28,116	487	27,629	5674.5%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	145,779	(982,672)	1,128,451	-114.8%	(6,617,364)	870,923	(7,488,287)	-859.8%	30
31 Income before capital contributions	1,903,910	(884,034)	2,787,944	-315.4%	27,155,459	28,999,373	(1,843,914)	-6.4%	31
32 Capital contributions	6,374,006	532,870	5,841,136	1096.2%	8,465,563	4,956,620	3,508,943	70.8%	32
33 Change in net position	8,277,916	(351,164)	8,629,080	-2457.3%	35,621,022	33,955,992	1,665,030	4.9%	33
34 Audit Adjustment						1,862,475			34
35 Net position, beginning of year					812,112,814	784,959,695	27,153,119	3.5%	35
36 Net position, end of year					847,733,836	820,778,162	26,955,674	3.3%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
September 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4 Other revenues	(97,739)	1,986	(99,725)	-5022.5%	(1,580,884)	511,617	(2,092,501)	-409.0%	4
5 Total operating revenues	(97,739)	1,986	(99,725)	-5022.5%	(1,580,884)	511,617	(2,092,501)	-409.0%	5
Operating Expenses:									
6 Power and pumping	780,732	633,446	147,286	23.3%	7,491,854	7,015,975	475,880	6.8%	6
7 Treatment	-	-	-	0.0%	-	-	-	0.0%	7
8 Transmission and distribution	305,440	429,161	(123,720)	-28.8%	3,061,741	3,120,514	(58,773)	-1.9%	8
9 Customer accounts	7,450	2,502	4,948	197.8%	15,334	19,382	(4,048)	-20.9%	9
10 Customer service	5,750	6,237	(488)	-7.8%	59,621	52,972	6,649	12.6%	10
11 Administration and general	394,342	608,610	(214,268)	-35.2%	3,864,445	6,434,740	(2,570,295)	-39.9%	11
12 Payroll related	1,518,816	1,019,500	499,316	49.0%	10,550,944	9,205,120	1,345,825	14.6%	12
13 Maintenance of general plant	231,072	248,629	(17,558)	-7.1%	3,109,471	3,312,026	(202,556)	-6.1%	13
14 Depreciation	2,082,822	1,967,750	115,072	5.8%	18,745,396	18,055,242	690,154	3.8%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	3,709	974	2,736	281.0%	33,385	8,764	24,621	281.0%	16
17 Provision for claims	49,180	53,186	(4,006)	-7.5%	(117,070)	425,800	(542,870)	-127.5%	17
18 Total operating expenses	5,379,313	4,969,995	409,318	8.2%	46,815,120	47,650,534	(835,414)	-1.8%	18
19 Operating income (loss)	(5,477,052)	(4,968,009)	(509,042)	10.2%	(48,396,004)	(47,138,917)	(1,257,087)	2.7%	19
Non-operating revenues (expense):									
20 Two-mill tax	260	-	260	0.0%	643	35	608	1752.0%	20
21 Three-mill tax	433,264	-	433,264	0.0%	17,776,627	15,180,014	2,596,613	17.1%	21
22 Six-mill tax	456,184	-	456,184	0.0%	18,735,321	16,006,243	2,729,078	17.1%	22
23 Nine-mill tax	683,661	-	683,661	0.0%	28,082,405	23,992,705	4,089,700	17.0%	23
24 Interest income	48,737	22,852	25,885	113.3%	143,345	504,031	(360,686)	-71.6%	24
25 Other Taxes	-	-	-	0.0%	-	-	-	0.0%	25
26 Other Income	1,030,625	-	1,030,625	0.0%	1,030,625	11,888,501	(10,857,876)	-91.3%	26
27 Interest expense	-	-	-	0.0%	-	-	-	0.0%	27
28 Operating and maintenance grants	17,458	-	17,458	0.0%	17,458	-	17,458	0.0%	28
29 Provision for claims	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	2,670,189	22,852	2,647,337	11584.8%	65,786,424	67,571,528	(1,785,104)	-2.6%	30
31 Income before capital contributions	(2,806,863)	(4,945,158)	2,138,295	-43.2%	17,390,420	20,432,610	(3,042,190)	-14.9%	31
32 Capital contributions	253,144	1,297,081	(1,043,937)	-80.5%	648,163	4,884,715	(4,236,552)	-86.7%	32
33 Change in net position	(2,553,718)	(3,648,076)	1,094,358	-30.0%	18,038,583	25,317,326	(7,278,742)	-28.8%	33
34 Audit Adjustment						202,438			34
35 Net position, beginning of year					1,172,961,690	1,122,132,738	50,828,952	4.5%	35
36 Net position, end of year					1,191,000,273	1,147,652,502	43,347,772	3.8%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
September 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	9,631,383	9,912,699	(281,316)	-2.8%	87,567,124	89,214,289	(1,647,165)	-1.8%	1
2 Sewerage service charges and del fees	11,856,976	12,409,210	(552,234)	-4.5%	109,770,001	111,682,888	(1,912,887)	-1.7%	2
3 Plumbing inspection and license fees	32,969	51,790	(18,821)	-36.3%	342,971	466,112	(123,141)	-26.4%	3
4 Other revenues	36,234	48,613	(12,378)	-25.5%	2,805,844	437,513	2,368,332	541.3%	4
5 Total operating revenues	21,557,562	22,422,311	(864,749)	-3.9%	200,485,940	201,800,801	(1,314,860)	-0.7%	5
Operating Expenses:									
6 Power and pumping	1,523,025	1,910,649	(387,624)	-20.3%	13,248,731	17,195,845	(3,947,114)	-23.0%	6
7 Treatment	2,699,392	2,194,205	505,188	23.0%	16,102,556	19,747,841	(3,645,285)	-18.5%	7
8 Transmission and distribution	3,035,550	3,863,218	(827,668)	-21.4%	22,003,275	34,768,961	(12,765,686)	-36.7%	8
9 Customer accounts	399,867	531,758	(131,891)	-24.8%	3,251,910	4,785,820	(1,533,909)	-32.1%	9
10 Customer service	547,279	788,843	(241,564)	-30.6%	5,424,393	7,099,585	(1,675,192)	-23.6%	10
11 Administration and general	1,855,545	5,232,279	(3,376,735)	-64.5%	18,291,870	47,090,515	(28,798,644)	-61.2%	11
12 Payroll related	5,771,843	3,515,789	2,256,054	64.2%	41,407,711	31,642,100	9,765,612	30.9%	12
13 Maintenance of general plant	1,240,153	2,756,683	(1,516,530)	-55.0%	18,170,886	24,810,147	(6,639,261)	-26.8%	13
14 Depreciation	5,346,353	5,750,583	(404,231)	-7.0%	48,117,173	51,755,250	(3,638,078)	-7.0%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	626,023	-	626,023	0.0%	5,053,128	-	5,053,128	0.0%	16
17 Provision for claims	245,900	370,542	(124,642)	-33.6%	1,112,000	3,334,875	(2,222,875)	-66.7%	17
18 Total operating expenses	23,290,928	26,914,549	(3,623,621)	-13.5%	192,183,632	242,230,938	(50,047,306)	-20.7%	18
19 Operating income (loss)	(1,733,365)	(4,492,238)	2,758,872	-61.4%	8,302,308	(40,430,138)	48,732,445	-120.5%	19
Non-operating revenues (expense):									
20 Two-mill tax	260	-	260	0.0%	643	-	643	0.0%	20
21 Three-mill tax	433,264	1,501,084	(1,067,820)	-71.1%	17,776,627	13,509,758	4,266,869	31.6%	21
22 Six-mill tax	456,184	1,585,226	(1,129,042)	-71.2%	18,735,321	14,267,031	4,468,290	31.3%	22
23 Nine-mill tax	683,661	2,376,156	(1,692,495)	-71.2%	28,082,405	21,385,402	6,697,003	31.3%	23
24 Interest income	1,785,338	124,965	1,660,373	1328.7%	2,331,023	1,124,681	1,206,342	107.3%	24
25 Other Taxes	-	323,967	(323,967)	-100.0%	297,713	2,915,700	(2,617,988)	-89.8%	25
26 Other Income	6,225,937	-	6,225,937	0.0%	6,225,937	-	6,225,937	0.0%	26
27 Interest expense	(1,666,760)	-	(1,666,760)	0.0%	(15,266,197)	-	(15,266,197)	0.0%	27
28 Operating and maintenance grants	75,161	210,262	(135,101)	-64.3%	75,761	1,892,357	(1,816,596)	-96.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	7,993,044	6,121,659	1,871,385	30.6%	58,259,232	55,094,929	3,164,303	5.7%	30
31 Income before capital contributions	6,259,679	1,629,421	4,630,258	284.2%	66,561,540	14,664,792	51,896,748	353.9%	31
32 Capital contributions	9,885,823	-	9,885,823	0.0%	18,167,221	-	18,167,221	0.0%	32
33 Change in net position	16,145,502	1,629,421	14,516,081	890.9%	84,728,760	14,664,792	70,063,969	477.8%	33
34 Audit Adjustment									34
35 Net position, beginning of year					2,356,268,052	2,244,801,991	111,466,061	5.0%	35
36 Net position, end of year					2,443,540,357	2,259,466,783	184,073,575	8.1%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
September 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	9,631,383	9,912,699	(281,316)	-2.8%	87,567,124	89,214,289	(1,647,165)	-1.8%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	16,749	25,867	(9,118)	-35.2%	172,840	232,803	(59,963)	-25.8%	3
4 Other revenues1	111,545	21,633	89,912	415.6%	3,678,235	194,693	3,483,541	1789.2%	4
5 Total operating revenues	9,759,677	9,960,198	(200,521)	-2.0%	91,418,199	89,641,785	1,776,414	2.0%	5
Operating Expenses:									
6 Power and pumping	226,604	248,272	(21,668)	-8.7%	1,806,278	2,234,445	(428,167)	-19.2%	6
7 Treatment	569,543	928,097	(358,554)	-38.6%	6,527,767	8,352,872	(1,825,105)	-21.9%	7
8 Transmission and distribution	1,699,029	1,696,474	2,555	0.2%	10,794,107	15,268,264	(4,474,157)	-29.3%	8
9 Customer accounts	196,209	265,334	(69,125)	-26.1%	1,618,289	2,388,004	(769,715)	-32.2%	9
10 Customer service	270,765	390,983	(120,219)	-30.7%	2,682,387	3,518,849	(836,462)	-23.8%	10
11 Administration and general	662,171	1,736,424	(1,074,254)	-61.9%	6,365,750	15,627,820	(9,262,070)	-59.3%	11
12 Payroll related	2,121,531	1,363,048	758,483	55.6%	15,363,648	12,267,429	3,096,219	25.2%	12
13 Maintenance of general plant	600,438	1,245,296	(644,857)	-51.8%	10,755,889	11,207,661	(451,772)	-4.0%	13
14 Depreciation	1,053,625	1,577,667	(524,042)	-33.2%	9,482,624	14,199,000	(4,716,376)	-33.2%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	275,848	-	275,848	0.0%	2,482,635	-	2,482,635	0.0%	16
17 Provision for claims	98,360	135,717	(37,357)	-27.5%	613,335	1,221,450	(608,115)	-49.8%	17
18 Total operating expenses	7,774,122	9,587,310	(1,813,189)	-18.9%	68,492,710	86,285,794	(17,793,084)	-20.6%	18
19 Operating income (loss)	1,985,555	372,888	1,612,667	432.5%	22,925,489	3,355,991	19,569,498	583.1%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	756,223	43,905	712,318	1622.4%	968,604	395,146	573,458	145.1%	24
25 Other Taxes	-	208,415	(208,415)	-100.0%	132,482	1,875,738	(1,743,256)	-92.9%	25
26 Other Income	5,195,312	-	5,195,312	0.0%	5,195,312	-	5,195,312	0.0%	26
27 Interest expense	(804,046)	-	(804,046)	0.0%	(7,236,413)	-	(7,236,413)	0.0%	27
28 Operating and maintenance grants	29,587	63,079	(33,492)	-53.1%	30,187	567,707	(537,521)	-94.7%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	5,177,076	315,399	4,861,677	1541.4%	(909,828)	2,838,591	(3,748,420)	-132.1%	30
31 Income before capital contributions	7,162,631	688,287	6,474,344	940.6%	22,015,660	6,194,582	15,821,078	255.4%	31
32 Capital contributions	3,258,673	-	3,258,673	0.0%	9,053,495	-	9,053,495	0.0%	32
33 Change in net position	10,421,304	688,287	9,733,017	1414.1%	31,069,155	6,194,582	24,874,573	401.6%	33
34 Audit Adjustment	-	-	-	-	-	-	-	-	34
35 Net position, beginning of year	371,193,548	337,709,558	33,483,990	9.9%					35
36 Net position, end of year	402,741,335	343,904,140	58,837,195	17.1%					36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
September 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	11,856,976	12,409,210	(552,234)	-4.5%	109,770,001	111,682,888	(1,912,887)	-1.7%	2
3 Plumbing inspection and license fees	16,220	25,923	(9,703)	-37.4%	170,131	233,309	(63,178)	-27.1%	3
4 Other revenues	22,428	26,980	(4,552)	-16.9%	708,493	242,819	465,674	191.8%	4
5 Total operating revenues	11,895,624	12,462,113	(566,488)	-4.5%	110,648,625	112,159,016	(1,510,390)	-1.3%	5
Operating Expenses:									
6 Power and pumping	515,689	481,322	34,367	7.1%	3,950,598	4,331,895	(381,297)	-8.8%	6
7 Treatment	2,129,850	1,266,108	863,742	68.2%	9,574,789	11,394,969	(1,820,180)	-16.0%	7
8 Transmission and distribution	1,031,081	1,746,474	(715,393)	-41.0%	8,147,427	15,718,264	(7,570,837)	-48.2%	8
9 Customer accounts	196,209	265,334	(69,125)	-26.1%	1,618,287	2,388,004	(769,717)	-32.2%	9
10 Customer service	270,764	390,983	(120,219)	-30.7%	2,682,385	3,518,849	(836,464)	-23.8%	10
11 Administration and general	799,032	2,361,196	(1,562,164)	-66.2%	8,061,675	21,250,766	(13,189,092)	-62.1%	11
12 Payroll related	2,131,496	1,435,948	695,547	48.4%	15,493,120	12,923,535	2,569,585	19.9%	12
13 Maintenance of general plant	408,642	999,759	(591,116)	-59.1%	4,305,527	8,997,828	(4,692,301)	-52.1%	13
14 Depreciation	2,209,906	2,260,417	(50,511)	-2.2%	19,889,153	20,343,750	(454,598)	-2.2%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	346,465	-	346,465	0.0%	2,537,108	-	2,537,108	0.0%	16
17 Provision for claims	98,360	135,717	(37,357)	-27.5%	615,735	1,221,450	(605,715)	-49.6%	17
18 Total operating expenses	10,137,493	11,343,257	(1,205,763)	-10.6%	76,875,803	102,089,310	(25,213,508)	-24.7%	18
19 Operating income (loss)	1,758,131	1,118,856	639,275	57.1%	33,772,823	10,069,705	23,703,118	235.4%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	980,377	39,057	941,320	2410.1%	1,219,074	351,512	867,562	246.8%	24
25 Other Taxes	-	72,806	(72,806)	-100.0%	165,231	655,252	(490,021)	-74.8%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Interest expense	(862,714)	-	(862,714)	0.0%	(8,029,784)	-	(8,029,784)	0.0%	27
28 Operating and maintenance grants	28,116	105,131	(77,015)	-73.3%	28,116	946,178	(918,062)	-97.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	145,779	216,994	(71,214)	-32.8%	(6,617,364)	1,952,942	(8,570,305)	-438.8%	30
31 Income before capital contributions	1,903,910	1,335,850	568,061	42.5%	27,155,459	12,022,647	15,132,812	125.9%	31
32 Capital contributions	6,374,006	-	6,374,006	0.0%	8,465,563	-	8,465,563	0.0%	32
33 Change in net position	8,277,916	1,335,850	6,942,066	519.7%	35,621,022	12,022,647	23,598,375	196.3%	33
34 Audit Adjustment					-				34
35 Net position, beginning of year					812,112,814	784,959,695	27,153,119	3.5%	35
36 Net position, end of year					849,596,311	796,982,342	52,613,969	6.6%	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
September 2020 Preliminary Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4 Other revenues	(97,739)	-	(97,739)	100.0%	(1,580,884)	-	(1,580,884)	100.0%	4
5 Total operating revenues	(97,739)	-	(97,739)	100.0%	(1,580,884)	-	(1,580,884)	100.0%	5
Operating Expenses:									
6 Power and pumping	780,732	1,181,056	(400,324)	-33.9%	7,491,854	10,629,504	(3,137,650)	-29.5%	6
7 Treatment	-	-	-	0.0%	-	-	-	0.0%	7
8 Transmission and distribution	305,440	420,270	(114,830)	-27.3%	3,061,741	3,782,433	(720,693)	-19.1%	8
9 Customer accounts	7,450	1,090	6,359	583.3%	15,334	9,812	5,522	56.3%	9
10 Customer service	5,750	6,876	(1,127)	-16.4%	59,621	61,887	(2,266)	-3.7%	10
11 Administration and general	394,342	1,134,659	(740,317)	-65.2%	3,864,445	10,211,929	(6,347,483)	-62.2%	11
12 Payroll related	1,518,816	716,793	802,023	111.9%	10,550,944	6,451,136	4,099,808	63.6%	12
13 Maintenance of general plant	231,072	511,629	(280,557)	-54.8%	3,109,471	4,604,658	(1,495,188)	-32.5%	13
14 Depreciation	2,082,822	1,912,500	170,322	8.9%	18,745,396	17,212,500	1,532,896	8.9%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	3,709	-	3,709	0.0%	33,385	-	33,385	0.0%	16
17 Provision for claims	49,180	99,108	(49,928)	-50.4%	(117,070)	891,975	(1,009,045)	-113.1%	17
18 Total operating expenses	5,379,313	5,983,982	(604,669)	-10.1%	46,815,120	53,855,834	(7,040,714)	-13.1%	18
19 Operating income (loss)	(5,477,052)	(5,983,982)	506,930	-8.5%	(48,396,004)	(53,855,834)	5,459,830	-10.1%	19
Non-operating revenues (expense):									
20 Two-mill tax	260	-	260	0.0%	643	-	643	0.0%	20
21 Three-mill tax	433,264	1,501,084	(1,067,820)	-71.1%	17,776,627	13,509,758	4,266,869	31.6%	21
22 Six-mill tax	456,184	1,585,226	(1,129,042)	-71.2%	18,735,321	14,267,031	4,468,290	31.3%	22
23 Nine-mill tax	683,661	2,376,156	(1,692,495)	-71.2%	28,082,405	21,385,402	6,697,003	31.3%	23
24 Interest income	48,737	42,003	6,734	16.0%	143,345	378,023	(234,678)	-62.1%	24
25 Other Taxes	-	42,746	(42,746)	-100.0%	-	384,711	(384,711)	-100.0%	25
26 Other Income	1,030,625	-	1,030,625	0.0%	1,030,625	-	1,030,625	0.0%	26
27 Interest expense	-	-	-	0.0%	-	-	-	0.0%	27
28 Operating and maintenance grants	17,458	42,052	(24,594)	-58.5%	17,458	378,471	(361,013)	-95.4%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	2,670,189	5,589,266	(2,919,077)	-52.2%	65,786,424	50,303,396	15,483,028	30.8%	30
31 Income before capital contributions	(2,806,863)	(394,715)	(2,412,147)	611.1%	17,390,420	(3,552,438)	20,942,858	-589.5%	31
32 Capital contributions	253,144	-	253,144	0.0%	648,163	-	648,163	0.0%	32
33 Change in net position	(2,553,718)	(394,715)	(2,159,003)	547.0%	18,038,583	(3,552,438)	21,591,021	-607.8%	33
34 Audit Adjustment					-				34
35 Net position, beginning of year					1,172,961,690	1,122,132,738	50,828,952	4.5%	35
36 Net position, end of year					1,191,202,711	1,118,580,300	72,622,411	6.5%	36

HR/Payroll Report



**November
2020**

Areas of focus:

Benefits

**Recruitment,
Classification,
Compensation**

**Employee
Relations**

Payroll

Coming Soon

SWBNO's Benefits Department manages three separate areas of HR:

1. Benefits Administration
2. Pension Administration
3. Leave Management

Benefits Administration

Through its Group Healthcare plan SWBNO has participated in the Retiree Drug Subsidy Program starting with the 2006 Plan Year. This program, which is administered by Centers for Medicare and Medicaid Services, allows plans to apply for a percentage of the total prescription cost incurred with the Medicare eligible retiree group. To qualify, the Plan must prove that its coverage for the Medicare eligible group is actuarially equivalent to, or at least as generous as, the defined standard offered with Medicare Part D prescription coverage. Through this program, the Benefits Department has submitted and received approval for 15 total applications, and SWBNO has recovered \$3,268,084.09 in total subsidies (since Plan Year 2006) by maintaining a prescription drug coverage program that meets the Medicare Part D standard.

Pension Administration

Upon retirement eligibility, and at the time of retirement, in lieu of terminating employment and receiving a Retirement Allowance an employee may choose to apply for the Deferred Retirement Option Plan (DROP). This program allows employees to continue working for up to five (5) years past the elected retirement date. During the DROP period, the Retirement Allowance is earned by the retiree, and transferred to a tax-deferred account selected by the retirement system. Upon termination from the DROP program, the DROP balance is paid either in a lump sum payment to the employee or transferred as a rollover payment to the financial institution chosen by the employee. In addition, after DROP termination, the Retirement Allowance that was previously transferred to a tax-deferred account while the employee was actively in the DROP program will now be paid directly to the member.

Current Elected Members:

Employee Members

Christopher Bergeron *Term expires August 31, 2021*
Adam Kay *Term expires August 31, 2024*
Latressia Matthews *Term expires August 31, 2022*

Retiree Member

Harold Heller, Jr. *Term expires August 31, 2023*

October 2020 Benefits Administration Reporting

- 3,183
Current Group
Healthcare Plan
enrollment
(employees,
pensioners,
dependents)
- 4,002
Total Group
Healthcare claims
processed
- 2,785
Employer-Sponsored
life insurance &
Supplemental live
enrollments

October 2020 Pension Administration Reporting

- 795
Active Pensioners &
Beneficiaries
- 77
Active DROP
Participants

Leave Management

Families First Coronavirus Response Act (FFCRA) Leave

In August 2020, SWBNO implemented an emergency leave program for employees affected by the COVID-19 pandemic. This program is being administered in accordance with the Families First Coronavirus Response Act recently signed into law to provide relief for those directly affected. Employees initiate this process by submitting a completed FFCRA request form to the Benefits Department. The Benefits Department has implemented an FFCRA process to determine the need for FFCRA leave. Pursuant to the FFCRA, there are six COVID-19 related qualifying events that would qualify an employee for FFCRA leave.

Parental Leave

Pursuant to the City of New Orleans' initiative to provide paid leave to eligible employees following the birth of a child or the adoption of a child, SWBNO provides up to eight (8) weeks of paid Parental Leave. This alleviates the financial impact on employees and provides paid time off for bonding with a newborn child or placement of an adoptive child.

Leave Donation

City employees can donate days of accrued Sick Leave and Annual Leave to eligible employees who are approved for a medical leave of absence. Donated leave can be for either the employee's medical leave of absence or the employee's immediate family member's illness.

Military Leave

SWBNO pays up to fifteen (15) days of paid Military Leave per year to employees who enter into active military duty with the U.S. Armed Forces. Employees can use accumulated Sick Leave and Annual Leave beyond the fifteen (15) days of paid Military Leave.

October 2020 Leave Management Reporting

- 5
Employees who received
paid FFCRA Leave
- 3
Employees who received
paid Parental Leave
- 126
Hours of Sick Leave and
Annual Leave hours
donated to two employees
on medical leave





COMING SOON!!!

- Exciting updates in the employee requisition process

Recruitment

In addition to the 320 vacancies the division is actively recruiting; We would also like to celebrate the following new hires as they begin their SWBNO careers.

- Rashaunda Beaulieu
- Shavon Hunter
- Lloyd Lightfoot
- Nyjha Mitchell
- Alexander Lalla
- Michael Genova
- Carl Jones
- Derrick Echols
- Carl Antoine
- Onrae Cowan
- Joseph Butler
- Rashad Segue
- Juan Perez Jr.

Classification & Compensation

We would like to congratulate the follows employees on their promotions:

- Justin Legard
- Erastus Mwangala
- Mary Brown
- Xavier Pierre
- Terel Santiago
- Sharon Sauerwin
- Rebecca Johnsey
- Lauren Williams
- Cynthia Parker
- Ronjae Taylor
- Harry Ferrier
- Christopher Debose
- Christopher Picou
- Eric Mancuso Jr.
- Briton Husby

Employee Relations

The Employee Relations Office provides a place where both SWBNO employees and supervisors can discuss various work-related situations in order to get help or advice.

Our goal is to foster positive work relationships between SWBNO employees, supervisors, and departments. We are available to advise and provide information as needed.

This office also processes all disciplinary actions, resignations, terminations, grievance administrations, responsible for policy creation, coordination and training.

October Actions:

- Disciplinary Actions – 15
- Terminations – 4
- Resignations – 5
- Grievances - 2

Training

The Training Unit is responsible for supporting the learning and development of all SWBNO employees, ensuring compliance with training mandates required by law.

Our goal is to assist you in the pursuit of your career potential, whether you aspire to advance in your current career path, explore a change of career within the organization, or simply become an expert in your current role.

All SWBNO employees are required to complete the following mandatory annual training:

- Customer Service (30-minutes)
- Diversity and Inclusion (1-hour; Stay tuned for this offering online)
- Ethics (1-hour)
- Harassment Prevention (1-hour)
- Safety (30 minutes, minimum)

All in-person trainings are still suspended until further notice. However, we are now offering live and on-demand trainings online.

See the monthly training newsletter for details, which also includes remote Training and Development Opportunities such as:

- PERFORM Training
- Business Software Application Training
- Antiracism Information and Resources
- Growth and Development Opportunities
- TED talks
- The Muse

“We have recently added Diversity and Inclusion, OSHA 10 and OSHA 30 online courses.”

When to Call Employee Relations:

Policy Clarification

Employee Relations staff are available to help employees and supervisors understand SWBNO policies and procedures.

Probationary Employees

Supervisors are encouraged to consult with Employee Relations if a probationary employee is not meeting expectations.

Performance Management

Managing performance is a continuous process of timely and effective communication between managers, supervisors and employees. The goals of the performance management process are to help the individual employee be successful in his/her work assignment and to facilitate the organization's accomplishment of its goals. Employee Relations is available to assist employees and supervisors when any part of the Performance Management process is not working well.

Disciplinary Process

Employee Relations is available to consult with employees and supervisors when there are questions or concerns about expectations, performance, or behavior in the workplace. Our staff can coach employees and supervisors and make referrals as needed. SWBNO uses a progressive process to address performance and behavioral problems and the Employee Relations staff provides direction to that process.

Grievances

When possible, employees are encouraged to resolve grievances informally through discussions with their supervisors. The grievance procedure is a process through which a SWBNO employee can bring a workplace concern or management action to upper levels of management. This process is formal and requires that rules be followed strictly.

Payroll

There will be a few departments in the coming weeks that will begin testing the electronic timesheet process while SWBNO continues to practice social distancing. Until electronic timesheets can be rolled out Board wide, our Payroll staff continues to collect, organize and manually input employee timesheets for both the weekly and bi-weekly pay cycles.

UPCOMING HOLIDAYS

Thanksgiving
November 26 - 27

COMING SOON!!

- Progressive Discipline Policy Revision
- Grievance Policy Revision
- Attendance Policy Revision
- Vacancy Policy
- HR/Payroll System Updates



**OFFICE OF GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS**

November 18, 2020

To the Honorable President and members of the Sewerage and Water Board of New Orleans:

The following report for the month of October presented herewith:

Contract 1368 – M.R. Pittman Group, LLC – Hazard Mitigation Grant Project. Oak Street Pumping Station. This work is approximately 99% complete. (CP Item 112).

Contract 1370A – Walter J. Barnes Electric Co., Inc. – 60Hz Transformer/Switchgear. This work is approximately 30% complete. (CP Item 676-05).

Contract 1377 – M.R. Pittman Group, LLC – Water Hammer Hazard Mitigation Program. Claiborne Avenue Pump Station & Off-Site Improvements. This work is approximately 18% complete. (CP Item 175).

Contract 170065 – Echologics, LLC. – Leak Detection Services. This work is approximately 99% complete. (CP Item 175).

Contract 180034 – Tree Remediation Services. This work is approximately 11% complete. (O & M Item).

Contract 2129 – Wallace C. Drennan, Inc. – Water Point Repair. This work is approximately 96% complete. (CP Item 214).

Contract 2130 – Wallace C. Drennan, Inc. – Water Point Repair. This work is approximately 99% complete. (CP Item 175).

Contract 3665 – TKTMJ, Inc. – Hurricane Katrina 404 Hazard Mitigation Grant Program Replacement of DOTD Sewage Lift Station. Contract is currently in litigation. This work is 100% complete. (CP Item 340).

Contract 3667 – TKTMJ, Inc. – Hurricane Katrina 404 Hazard Mitigation Grant Program Replacement of Plum Orchard Sewage Lift Station. Contract is currently in litigation. This work is 100% complete. (CP Item 340).

Contract 3799 – Industrial & Mechanical Contractors, Inc. – Installation of Sludge Dryer at the East Bank Wastewater Treatment Plant. This work is approximately 95% complete. (CP Item 348).

Contract 30102 – The McDonnell Group – DPS 17/Station D Structural Repairs. This work is 100% complete. (CP Item 511).

Contract 30109 – Cycle Construction – Sewer Pumping Station A Structural Rehabilitation. This work is approximately 52% complete. (CP Item 326).

Contract 30213 – Grady Crawford – South Shore Sewer Rehabilitation No. 1. This work is approximately 15% complete. (CP Item 317).

Contract 30214 – Grady Crawford – South Shore Sewer Rehabilitation No. 2. This work is approximately 40% complete. (CP Item 317).

Contract 30217 – CES – Cleaning & CCTV Inspection. This work is approximately 98% complete. (CP Item 375).

Contract 30218 – Wallace C. Drennan, Inc. – Sewer Point Repair. This work is approximately 84% complete. (O & M Item).

Contract 30219 – Wallace C. Drennan, Inc. – Manhole to Manhole & Sewer Point Repair. This work is approximately 80% complete. (CP Item 175).

Contract 30222 – Grady Crawford – South Shore Sewer Rehabilitation No. 3. This work is approximately 50% complete. (CP Item 317).

Contract 30223 – BLD Services – South Shore Sewer Rehabilitation No. 4. This work is approximately 45% complete. (CP Item 317).

Contract 30224 – BLD Services – South Shore Sewer Rehabilitation No. 5. This work is approximately 20% complete. (CP Item 317).

Contract 5224 – Industrial & Mechanical Contractors, Inc. – Hurricane Katrina Related Repairs to New Carrollton Hospital, Marconi, Paris & Press Drainage Underpass Stations. This work is approximately 80% complete. (CP Item 511).

Contract 5243 – Industrial & Mechanical Contractors, Inc. – Drainage Pump Station #4 Anti-Siphon Project. This work is approximately 99% complete. (CP Item 535).

Contract 8145 – Wallace C. Drennan, Inc. – Repaving Zone 4. This work is approximately 82% complete. (O & M Item).

Contract 8162 – Fleming Construction Co., Inc. – Paving Zone 3. This work is approximately 14% complete. (O & M Item).

Contract 8163 – Fleming Construction Co., Inc. – Paving Zone 4. This work is approximately 24% complete. (O & M Item).

PLUMBING DEPARTMENT

Submitted herewith, you will find the monthly report for work performed by the Plumbing Department;

There were 218 Plumbing and 3 Backflow permits issued during the month of **October**. This department complied with 191 requests for Plumbing Inspections, which consists of inspections conducted with Licensed Plumbing Contractors, Property Owners, Tenants, Department of Health and Hospitals Sanitarians, and Environmental Inspectors.

For your information, the following numbers are of the permits issued and inspections conducted.

	<u>Aug</u>	<u>Sep</u>	<u>2020 Oct</u>	<u>2019 Oct</u>	<u>YTD 2020</u>
Plumbing Permits Issued	219	245	218	309	
Backflow Permits Issued	<u>008</u>	<u>007</u>	<u>003</u>	<u>024</u>	
	227	252	221	333	2274
Inspections Conducted					
Water	172	180	107	448	
Special	000	000	000	213	
Final	<u>090</u>	<u>123</u>	<u>071</u>	<u>121</u>	
Totals	262	303	178	782	3464

RAINFALL REPORT FOR OCTOBER 2020

The rainfall for the month of **October** was **3.45"**, compared to the 127-year average of **3.25"** for the month of **October**. The cumulative rainfall through the Tenth month of the year was **53.55"** compared to the 127-year average of **50.88"**.

AVERAGE DAILY PUMPAGE FOR THE MONTH OF OCTOBER

New Orleans Side
Algiers Side

133.51 Million Gallons Per Day
10.54 Million Gallons Per Day

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'R. Turner', written over a horizontal line.

**ROBERT TURNER
GENERAL SUPERINTENDENT**

RT/zfg
GENSUP%11-18-20

**SEWERAGE AND WATER BOARD OF NEW ORLEANS
OFFICE OF SPECIAL COUNSEL**

November 18, 2020

**To the Honorable President and Members of the
Sewerage and Water Board of New Orleans:**

The following represents Legal Department activities during the month of
October 2020.

CONTRACTS EXECUTED BEFORE SPECIAL COUNSEL:

Tanner Industries – Furnishing Anhydrous Ammonia - \$358,050.00

CIVIL SUITS FILED AGAINST BOARD:

New:

JOHNICCA LIGHTFOOT V. ARTHUR WOODS, ET AL, No. 20-07917, Civil District Court. In this case, plaintiff sued seeking judgment for property damages and injuries allegedly sustained when her vehicle was struck by SWB vehicle driven by Woods, at the intersection of Earhart Boulevard on or about September 25, 2019.

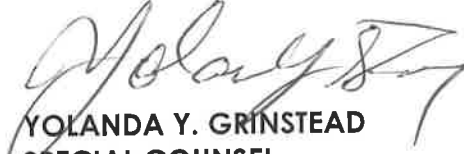
ERNEST EVERIDGE, SR. V. FLEMING CONSTRUCTION, L.L.C., VOLKERT INC., LIBERTY MUTUAL INSURANCE COMPANY AND ZURICH AMERICAN INSURANCE COMPANY, No. 20-03470, Civil District Court. In this case, plaintiff sued seeking judgment for injuries allegedly sustained when he fell in a drain cover at 4301 Chef Menteur Highway on or about October 24, 2019.

KEYANA RODNEY V. QUENISHA PARKER, SEWERAGE AND WATER BOARD OF NEW ORLEANS, AND ACE AMERICAN INSURANCE COMPANY, No. 20-08530, Civil District Court. In this case, plaintiff sued seeking judgment for property damages and injuries allegedly sustained when her vehicle was struck by SWB vehicle driven by Parker, near the intersection of Behrman Avenue and De Armas Street on or about October 18, 2019.

BESSIE LEWIS V. SEWERAGE AND WATER BOARD OF NEW ORLEANS AND OTIS ELEVATOR COMPANY, No. 19-4715, Civil District Court. In this case, plaintiff sued seeking judgment for injuries allegedly sustained when an elevator door closed on her right arm at 625 St. Joseph Street on or about May 7, 2018.

DANIEL LANGE V. SEWERAGE AND WATER BOARD OF NEW ORLEANS, ACE AMERICAN INSURANCE COMPANY, DERIL VALDERY AND XYZ INSURANCE COMPANY, No. 20-1199, 34th Judicial District Court for the Parish of St. Bernard. In this case, plaintiff sued seeking judgment for property damages and injuries allegedly sustained when his vehicle was struck by SWB vehicle driven by Valdery, at the intersection of Perrin Drive on or about October 30, 2019.

Respectfully submitted,



**YOLANDA Y. GRINSTEAD
SPECIAL COUNSEL**

YYG:smh

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**Project Delivery Unit
October 2020 Closeout Snapshot**

FEMA Public Assistance	# of Project Worksheets	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - St. Joseph Headquarters	20	\$ 3,337,110.14	\$ 3,032,390.41	\$ 304,719.73	91%	19	\$ 2,236,513.15	\$ 2,236,513.15	19	\$ 2,236,513.15	95%	95%	0	\$ -
Hurricane Katrina - Central Yard	42	\$ 27,734,255.70	\$ 26,158,109.94	\$ 1,576,145.76	94%	42	\$ 27,734,255.70	\$ 27,427,104.70	32	\$ 22,025,919.44	100%	76%	10	\$ 5,708,336.26
Hurricane Katrina - Wastewater Treatment Plant	128	\$ 90,803,270.37	\$ 82,873,802.34	\$ 7,929,468.03	91%	127	\$ 83,765,860.77	\$ 80,355,483.77	120	\$ 38,257,447.07	99%	94%	7	\$ 45,508,413.70
Hurricane Katrina - Carrollton Water Plant	55	\$ 76,019,829.37	\$ 66,324,093.04	\$ 9,695,736.33	87%	54	\$ 64,304,777.65	\$ 64,211,524.10	51	\$ 13,730,451.46	98%	93%	3	\$ 50,574,326.19
Hurricane Katrina - Distribution Network	27	\$ 196,982,528.55	\$ 162,723,466.54	\$ 34,259,062.01	83%	25	\$ 116,490,014.08	\$ 120,481,931.60	18	\$ 30,028,021.61	93%	67%	7	\$ 86,461,992.47
Hurricane Katrina - Pump Stations	166	\$ 81,286,159.38	\$ 72,165,651.77	\$ 9,120,507.61	89%	159	\$ 78,655,405.97	\$ 80,169,077.46	143	\$ 58,844,680.54	96%	86%	16	\$ 19,810,725.43
Hurricane Gustav	9	\$ 667,553.90	\$ 668,689.06	\$ (1,135.16)	100%	9	\$ 667,553.90	\$ 667,553.90	8	\$ 665,778.64	100%	89%	1	\$ 1,775.26
Hurricane Isaac	8	\$ 1,554,775.01	\$ 955,019.44	\$ 599,755.57	61%	7	\$ 1,554,775.01	\$ 67,467.45	2	\$ 7,391.29	88%	25%	5	\$ 1,547,383.72
Tropical Storm Nate	2	\$ 439,728.39	\$ 80,519.47	\$ 359,208.92	18%	2	\$ 439,728.39	\$ -	1	\$ 20,939.45	100%	50%	1	\$ 418,788.94
Hurricane Barry	2	\$ 947,134.10	\$ -	\$ 947,134.10	0%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Total	459	\$ 479,772,344.91	\$ 414,981,742.01	\$ 64,790,602.90	86%	444	\$ 375,848,884.62	\$ 375,616,656.13	394	\$ 165,817,142.65	97%	86%	50	\$ 210,031,741.97

FEMA Joint Infrastructure	# of Project Worksheets	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - JIRR settlement	2	\$ 268,448,968.15	\$ 5,353,880.43	\$ 263,095,087.72	2%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Katrina - JIRR Donors	53	\$ 67,564,903.11	\$ 54,518,259.69	\$ 13,046,643.42	81%	38	\$ 46,771,694.95	\$ 49,958,000.16	5	\$ 240,117.50	72%	0%	33	\$ 46,531,577.45
Total	55	\$ 336,013,871.26	\$ 59,872,140.12	\$ 276,141,731.14	18%	38	\$ 46,771,694.95	\$ 49,958,000.16	5	\$ 240,117.50	69%	9%	33	\$ 46,531,577.45

FEMA Hazard Mitigation Grant Program	# of Contracts	FEMA Obligated	FEMA Revenue Received per LAHM	FEMA Obligation Balance	% Financially Complete	# of Contracts Completed	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - Retrofit of Power House	14	\$ 212,649,796.00	\$ 111,297,718.90	\$ 101,352,077.10	52%	5	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Katrina - Flood Mitigation of 9 SPS	9	\$ 19,987,722.00	\$ 19,299,825.10	\$ 687,896.90	97%	9	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Ike - Five Underpass Generators	1	\$ 988,658.00	\$ 839,129.23	\$ 149,528.77	85%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Total	24	\$ 233,626,176.00	\$ 131,436,673.23	\$ 102,189,502.77	56%	14	\$ -	\$ -	0	\$ -	58%	0%	0	\$ -

TOTALS as of 09.29.2020			FEMA Obligated	FEMA Revenue Received	FEMA Obligation Balance
			\$ 1,049,412,392.17	\$ 606,290,555.36	\$ 443,121,836.81



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: November 2, 2020

To: Ghassan Korban, Executive Director

Thru: Irma Plummer, EDBP Director



From: Lyria Hicks, EDBP Compliance Officer

Re: EDBP Department Summary – October 2020

ANALYSES CONDUCTED BY EDBP

For the month of October 2020, the EDBP Department did not receive any Goods and Services contracts to review.

For the month of October 2020, the EDBP Department did not receive any Professional Services contracts to review.

For the month of October 2020, the EDBP Department did not receive any Construction contracts to review.

CONSTRUCTION REVIEW COMMITTEE RECOMMENDATIONS

The Contract Review Committee convened on Thursday, October 8, 2020, and made the following recommendations:

- | | |
|--------------------|--|
| 1) | Contract #1407: Sycamore Filter Gallery Rehabilitation of Filters |
| Budget Amount: | \$2,795,800.00 |
| Renewal Option(s): | N/A |
| Recommended | 20% |
| Percentage Goal: | |
| Justification: | N/A |
|
2) |
Contract #TM002: St. Bernard Transmission Main Project |
| Budget Amount: | \$1,348,766.50 |
| Renewal Option(s): | N/A |
| Recommended | 26% |
| Percentage Goal: | |
| Justification: | N/A |

INFORMATION ITEMS

PROJECTS	CONTRACTOR	BUDGET AMOUNT	CONTRACT EXECUTED	GOAL
1. Contract #1414: HMGP Purchase of New Static Frequency Changer	N/A	\$12,000,000.00	N/A	0%
By authority given by Resolution 107-2000, EDBP has attributed a DBE subcontracting goal to this emergency contract.				
2. CV 20-0011: Turbine 5 Metal Stack and Duct Demolition and Asbestos Abatement	Alfred Conhagen Inc. of Louisiana	\$273,804.00	N/A	10%
By authority given by Resolution 107-2000, EDBP has attributed a DBE subcontracting goal to this emergency contract.				
3. Turbine 5 Controls Upgrades	Baker Hughes/Nexus	\$1,496,919.00	Executed October 27, 2020	10%
By authority given by Resolution 107-2000, EDBP has attributed a DBE subcontracting goal to this emergency contract.				

STAFF CONTRACT REVIEW COMMITTEE RECOMMENDATIONS

The Staff Contract Review Committee convened on Thursday, October 8, 2020, and made the following recommendations:

OPEN MARKET CONTRACTS

- 1) RFP: Request for Furnishing Armored Care Services**
- Budget Amount: \$19,000.00
- Renewal Option(s): One (1) year with four (4) one (1) year renewal options
- Recommended: 0%
- Percentage Goal:
- Justification: Does not lend itself to subcontracting opportunities.

RENEWAL CONTRACTS

1) Request for Furnishing Aerosol, Janitorial, & Industrial Chemicals

Budget Amount:	\$350,000.00
Amount Spent:	\$182,437.00
Renewal Term(s):	First of two (2) renewal options
Renewal Cost:	\$350,000.00
Recommended	30%
Percentage Goal:	
Percentage Goal	30.62%
Achieved:	
Prime Contractor:	Southeast Safety & Supply

2) Request for Furnishing Rubber Hip Boots & Knee Boots

Budget Amount:	\$220,784.00
Amount Spent:	\$189,336.00
Renewal Term(s):	First of two (2) renewal options
Renewal Cost:	\$220,784.00
Recommended	30%
Percentage Goal:	
Percentage Goal	30.44%
Achieved:	
Prime Contractor:	Southeast Safety & Supply

CONSTRUCTION RENEWAL CONTRACTS with DBE PARTICIPATION

There were no projects with a DBE Participation Goal to review for the month of October 2020.

FINAL ACCEPTANCE CONTRACTS with DBE PARTICIPATION

There were no final acceptance construction contracts with a DBE participation goal to review for the month of October 2020.

SEWERAGE & WATER BOARD OF NEW ORLEANS CONTRACTS WITH DBE PARTICIPATION FOR OCTOBER 2020

There was one (1) contract with DBE participation awarded for the month of October 2020.

Sewerage & Water Board New Orleans Awarded Projects with SLDBE Participation January 2020 - October 2020

Category	Category Dollar Amount	SLDBE Dollar Value
Construction Projects	\$ 38,392,749	\$ 13,923,050
Goods & Services Projects	\$ 277,257	\$ 49,041
Professional Services Projects	\$ 3,019,825	\$ 19,800
Grand Total	\$ 41,689,831	\$ 13,991,891

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2020 - October 2020

Construction Projects Awarded 2020

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
Cont #1370A: 60Hz Transformer/Switchgear	20%	\$ 11,746,364.00	Walter J. Barnes	C. Watson Group	16.99%	\$ 1,995,132.00			2/19/2020
				Marrero, Couvillion, & Associates	3.29%	\$ 387,010.00			
				Balthazar Elektriks Wholesale Distributors	5.91%	\$ 693,720.00			
				Total	26.19%	\$ 3,075,862.00			
Cont #30223: Southern Basin #4-Sewer Rehabilitation	36%	\$ 4,786,566.00	BLD Services, LLC	Choice Supply Solutions, LLC	6.02%	\$ 288,000.00			2/19/2020
				Advantage Manhole & Concrete Services, Inc.	2.84%	\$ 136,000.00			
				C&M Construction Group, Inc.	22.48%	\$ 1,076,000.00			
				Prince Dump Truck Service, LLC	4.68%	\$ 224,000.00			
				Total	36.02%	\$ 1,724,000.00			
Cont #30213: Southern Basin #1-Sewer Rehabilitation	36%	\$ 1,584,847.24	Grady Crawford Construction Co., Inc. of Baton Rouge	V. Keeler & Associates	3.37%	\$ 53,452.19			4/22/2020
				Commander Corporation	30.42%	\$ 482,185.18			
				Dieudonne Enterprises	1.87%	\$ 29,672.00			
				EFT Diversified	3.44%	\$ 54,466.46			
				Total	39.11%	\$ 619,775.83			

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
Cont #30222: Southern Basin #3-Sewer Rehabilitation	36%	\$ 1,977,879.20	Grady Crawford Construction Co., Inc. of Baton Rouge	V. Keeler & Associates	5.24%	\$ 103,683.24			4/22/2020
				Commander Corporation	24.54%	\$ 485,469.60			
				Dieudonne Enterprises	1.91%	\$ 37,832.00			
				EFT Diversified	4.35%	\$ 86,000.00			
				Total	36.05%	\$ 712,984.84			
Cont #30224: Southern Basin #5-Sewer Rehabilitation	36%	\$ 4,576,947.00	BLD Services, LLC	Choice Supply Solutions, LLC	5.72%	\$ 262,000.00			4/22/2020
				Advantage Manhole & Concrete Services, Inc.	3.80%	\$ 174,000.00			
				C&M Construction Group, Inc.	21.80%	\$ 998,000.00			
				Prince Dump Truck Service, LLC	4.72%	\$ 216,000.00			
				Total	36.05%	\$ 1,650,000.00			
Cont #8164: Skilled and Unskilled Maintenance for Labor	30%	\$ 4,861,156.00	JEI Solutions	Clays Construction Group, LLC	9.12%	\$ 443,100.00			4/22/2020
				Jaes Plumbing & Construction LLC	9.04%	\$ 439,236.00			
				Perc Enterprises, Inc.	11.88%	\$ 577,500.00			
				Total	30.03%	\$ 1,459,836.00			
Cont #2143: Water Main Line Replacements and Extensions at Scattered Locations throughout Orleans Parish	36%	\$ 1,621,000.00	Infinity Construction and Trucking	Gentilly Debris Removal					8/19/2020
					36.05%	\$ 584,300.00			

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
Cont #1403: Demolition of Abandoned C-7 & C-8 Basins and Other Site Improvements at the Carrollton Water Treatment Plant	36%	\$ 7,569,394.00	Cycle Construction Co.	Three C's Properties, Inc.	32.19%	\$ 2,436,533.00			9/24/2020
				Twin Shores Landscaping and Construction Services, Inc.	7.27%	\$ 550,000.00			
				Total	39.46%	\$ 2,986,533.00			

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2020 - October 2020

Goods & Services Projects Awarded 2020

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
YW20-0006 Furnishing Safety Supplies	30%	\$140,670.00	Southeast Safety & Supply	Corporate Buisness Supplies	30%	\$42,201.00	\$42,201.00	30%	6/23/2020
YW20-0013 Furnishing Hoses and Accessories	5%	\$136,586.55	Atlas Hose & Gasket Co.	Next Generation Logistics	5%	\$6,839.93	\$6,839.93	5%	9/2/2020
Total Goods & Services Projects		\$277,256.55			35%	\$49,040.93	\$49,040.93		

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2020 - October 2020

Professional Services Projects Awarded 2020

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
Master Professional Service Agreement	35%	\$197,500.00	Lotus Insurance Solutions	F.W. Insurance Services, LLC	35.00%				4/1/2020
Master Professional Service Agreement	35%	\$428,770.00	Jacobs Engineering Group, Inc.	Intergrated Logistical Support, Inc. (ILSI); Infinity Engineering Consultants, LLC	35.00%				6/2/2020
Professional Services Agreement	36%	\$830,000.00	PFM Group Consulting, LLC	Pending submission of DBE Participation Summary Sheet	36%				7/30/2020
Engineering Services for Power Frequency Converter at Carrollton Water Plant	35%	Dependent on Option: 1) 608,165.00 2) \$640,122.00 3)	Jacobs Engineering Group, Inc.	Pending submission of DBE Participation Summary Sheet	35%				9/2/2020
Insurance Broker Services		\$49,500.00	Eagan Insurance Agency, LLC	F.W. Insurance Services, LLC	35%	\$19,800.00			9/30/2020
Operation Controls System for Turbine 5 at Carrollton Water Plant		\$1,514,055.00	Nexus Controls, LLC		10.00%				10/27/2020
Total Professional Services Projects	35%	\$3,019,825.00			31%	\$19,800.00			