

BOARD OF DIRECTOR'S MEETING SEPTEMBER 21, 2017

MEETING MINUTES

SEWERAGE AND WATER BOARD OF NEW ORLEANS

ROLL CALL

The Board of Directors of the Sewerage and Water Board of New Orleans (SWBNO) met on Thursday, September 21, 2017 at 9:20 AM in the Board Room at 625 St. Joseph Street. The Interim Executive Director, Mr. Robert Miller, called the roll and confirmed the following members were present: Director Alan Arnold, Director Robin Barnes, Director Joseph Psychaud, Director Dr. Tamika Duplessis, Director Stacy Horn Koch and President Mitchell Landrieu.

The following member(s) were absent: Director Eric Blue, Director Marion Bracy, and Director Ralph Johnson.

Also present were: Mr. Randy Smith, Royal Engineers; Mr. Amer Turfail, Greenpoint; Mr. Michael Bothick, Mr. Greg Grimsal, Gordan Arata; Mr. Russell Kelly, ATCO Services, L.L.C; Ms. Geneva Coleman, THA, Inc.; Mr. Jerry Cole, Cole Construction Co., and Ms. Brenda Thornton, Communirep, Inc.

Staff present were: Mr. Bruce Adams, Deputy General Superintendent; Ms. Sharon Judkins, Deputy Director, Administration; Ms. Valerie Rivers, Deputy Director, Logistics; Mr. Nolan Lambert, Special Counsel; Mr. Harold Marchand, Mr. James Thompson, Legal Department; Ms. Jasmin Lawrence, Board Relations Staff; Mr. Hayne Rainey, Communications; Mr. Ron Spooner, Chief of Engineering; Mr. Paul Rainwater, Mr. Owen Monconduit, and Ms. Renee Lapeyrolerie, Interim Management Team.

APPROVAL OF PREVIOUS MINUTES

Director Joseph Psychaud moved to approve the minutes of the Regular Board Meeting held on August 16, 2017. Director Stacy Horn Koch seconded the motion. The motion carried.

Director Dr. Tamika Duplessis moved to approve the minutes of the Special Board Meeting held on September 1, 2017. Director Robin Barnes seconded the motion. The motion carried. Director Robin Barnes stated that the Board's minutes were very detailed and appreciated the revision.

REPORT OF THE EXECUTIVE DIRECTOR

Mr. Paul Rainwater presented a PowerPoint presentation on the following:

- Update on Power and Pumping Capabilities
- Precautionary Boil Water Advisory, issued on September 20, 2017
- Update on the Water Hammer Project
- Status of Power Generation
- Emergency Motor Diesel Generators (EMD's) being installed

- Drainage Pumping Stations Current Status
 - Manpower for Pumps and Power
 - Emergency Actions from 3/9/2017 - Turbine #3 and 7/28/2017 - Turbine #5
 - Emergency Actions from 8/9/2017 - Manpower, Pumps and Power plus cost
 - Combined Emergency Actions
- **Summary:**
- Still operating under emergency conditions
 - Interim Emergency Management and Support team on ground
 - Focus on execution of emergency contracts and budget realignment
 - Focus on continuity of operations during leadership change

Key Agenda Topics:

- **Finance and Administration Committee**

Action Items:

- General Superintendent's Recommendations
- Change Orders
- Authorization to Enter into Agreement with Entergy for Phase II of Relocations of Entergy Services Associated with SELA Florida Ave Phase IV Contracts Project
- Resolutions for Emergency Procurement Contracts
- Revision to 2017 Capital/Operating Budget
- Revision to 2017 Operating Budgets
- Request to set Sewerage and Water Board Drainage Millage Rates for 2018

Information Items:

- Financial Results through July 2017
- Executive Director's Approval of Contracts of \$1,000,000.00 or less
- DBE Participation on Contract
- Customer Service Results through August 2017
- FEMA Project Worksheet Status
- Overtime & Standby Overview

FINANCE & ADMINISTRATION COMMITTEE

Director Dr. Duplessis asked why some Change Orders were brought to the full Committee. She questioned whether staff is doing a good job at thoroughly going over what needs to be done on the front end before those change orders are brought before the committee. Director Joseph Peychaud agreed that more work is needed.

Mr. Robert Miller stated that many of the decisions are made as the items come in. However, with Turbine 4, FEMA was a significant decision partner. FEMA makes the determination on which investments they were willing to make and which ones they could not make. In regards to Turbine 4, the decision was made to rebuild it.

Director Koch asked when the Board of Directors will have a clear picture of where we are and where we need to go, moving forward. Mr. Paul Rainwater was asked to give more clarity on what stability and short-term and long-term look like. Mr. Rainwater's response was, to get the EMD's in place and let things run for about 2 to 3 weeks. Additional repairs are to be made on the pumps and that can take about three weeks. He hoped to have a report to the Board on or about October 15, will give information on the near-term, mid-term and long-term status of the pumps and turbines.

Director Peychaud then reported on the actions taken by the Finance and Administration Committee. Director Arnold moved to adopt the Finance and Administration Committee report and its recommendations with the exception of those items that were moved to the full Board for discussion. Director Koch seconded the motion. The motion carried.

NEW BUSINESS

Mr. Bruce Adams reported on two items brought before the full Board from the Finance and Administration Committee meeting. The members were concerned as to why the bids were well over the original contract bid. The two items were Contract 1384 and Change Order No. 6 for Contract 8143.

Mr. Ron Spooner, Chief of Engineering of SWBNO, gave a brief description and update on Contract 1384 Sycamore Filter Gallery Backwash Pump Replacement. He discussed the four bids received and asked that the Board approve the bid by M.R. Pittman in the amount of \$6.6 million.

Director Peychaud indicated he had requested to meet with staff and the committee that handles the DBE process to ensure that the 35% DBE participation goal is met. Director Dr. Duplessis wanted to know what happens in a case where a company doesn't meet that goal. That information was not given to the Board. President Landrieu suggested generating a report to show the aspiration goal so the Board and others can review.

Director Koch moved to approve Contract 1384 Sycamore Filter Gallery Backwash and Pump Replacement as described in (R-072-2017). Director Alan Arnold seconded the motion. The motion carried.

Mr. Spooner gave a brief description and update on Change Order No. 6 for Contract 8143. Contract 8143 is for the repair of existing garage #2 at Central Yard. Contract 8143 commenced in June 2015, at an original cost estimate of \$803,000. Change Order No. 6, which is an administrative Change Order, is a compilation of twenty-one field change orders that have been executed to date. The total Change Order cost is approximately \$201,000, of which \$151,000 will be reimbursed by FEMA.

Director Dr. Duplessis indicated she was satisfied with the new details. If that information had been provided, the Finance & Administration Committee would have voted on it. President Landrieu suggested staff have more details when making presentations to the Board and Committees.

Director Dr. Duplessis moved to accept Change Order No. 6 Contract 8143 as described in R-101-2017. Director Koch seconded the motion. The motion carried.

Mr. Miller presented on the recommendations for the Amendment of the 2017 Capital Budget and Revision of 2017-2026 Capital Programs. Robert Miller recommended that in the absence of a permanent Executive Director, Chief Operating Officer and Chief Financial Officer, it would not be prudent for the Board to revise the 2018 budget that is markedly different than the 2017 budget. Mr. Miller surmised that it's best to adopt a budget that allows significant degree of flexibility, so that when the new Executive Director comes in, resources can be aligned as he/she deems appropriate. Mr. Miller recommended the Board adopt resolutions (R-112-2017) and (R-113-2017).

Director Dr. Duplessis moved to accept (R-112-2017). Director Barnes seconded. The motion carried. Director Dr. Duplessis moved to accept (R-113-2017). Director Barnes seconded. The motion carried.

Also, it was the consensus of the Board to authorize staff to develop and issue a proposal for an executive search firm and to report back to the Board on the progress being made.

CORRESPONDING RESOLUTIONS

The following resolutions were adopted in conjunction with approval of the Committee reports as follows:

R-073-2017 – Final Acceptance and close out to Contract #8144 – Repaving open cuts in streets, driveways and sidewalks resulting from the repair to the Sewerage & Water Board of New Orleans Underground Utilities

R-074-2017 – Emergency Procurement for Emergency Contract EE 17-0005 Expedited Repairs at DPS No. 6 and DPS No. 7

R-075-2017 – Emergency Procurement for Emergency Contract EE 17-0006 Furnish Rental of Temporary Generators at Various Locations

R-076-2017 – Emergency Procurement for Emergency Contract EE 17-0007 Furnish Rental of Temporary Generators at DPS No.17

R-077-2017 – Emergency Procurement for Emergency Contract EE 17-0008 Purchase of five Generators sets for backup power at CWP

R-078-2017 - Emergency Procurement for Emergency Contract EE 17-0009 Electrical Services to Connect Temporary Generators at DPE No.17

R-079-2017 - Emergency Procurement for Emergency Contract EE 17-0010 Electrical Services to Connect Permanent Generators at CPW

R-080-2017 - Emergency Procurement for Emergency Contract ME 17-0008 Provision of Spare Parts and Spare Pump at Old Carrollton Underpass Pumping Station

R-081-2017 - Emergency Procurement for Emergency Contract ME 17-0009 Repair of Pump 1 at Drainage Pumping Station 20 (Amid)

R-082-2017 - Emergency Procurement for Emergency Contract ME 17-0010 Repair of I-Pump at Drainage Pumping Station 6

R-083-2017 - Emergency Procurement for Emergency Contract ME 17-0011 Repair of Pump 2 and Constant Duty Pump 1 at Drainage Pumping Station 1 and repair of Pump D and Pump E at Drainage Pumping Station 11

R-084-2017 - Emergency Procurement for Emergency Contract ME 17-0012 Repair of Constant Duty Pump 1 at Drainage Pumping Station 6 and repair of Constant Duty Pumps 2L/2R at Drainage Pumping Station 5

R-085-2017 - Emergency Procurement for Emergency Contract ME 17-0013 Repair of Drainage Pump B at Drainage Pump Station 11

R-086-2017 - Emergency Procurement for Emergency Contract ME 17-0014 Provision of two new Pumps/ Motor Assemblies at Old Carrollton Underpass Drainage Pumping Station

R-087-2017 - Emergency Procurement for Emergency Contract ME 17-0015 Provision of Drainage Pump 2 and Drainage Pump 4 at Drainage Pumping Station Grant

R-088-2017 - Emergency Procurement for Emergency Contract ME 17-0016 Provision of Emergency Diving Inspection Service at Drainage Pumping Station 7 and Drainage Pumping Station 5

R-089-2017 - Emergency Procurement for Emergency Contract ME 17-0014 Provision of Emergency Bypass Pumps at Drainage Pumping Station 7 and Drainage Pumping Station 5

R-090-2017 - Emergency Procurement for Emergency Contract ME 17-0018 Installation of Emergency Bypass Pumps at Drainage Pumping Station 7 and Drainage Pumping Station 5

R-091-2017 - Emergency Procurement for Emergency Contract ME 17-0019 Crane Support of Installation of Emergency Bypass Pumps at Drainage Pumping Station 7 and Drainage Pumping Station 5

R-092-2017 - Emergency Procurement for Emergency Contract ME 17-0020 Provision of Temporary Generators Rentals at 8 Underpass Drainage Pumping Stations

R-093-2017 - Emergency Procurement for Emergency Contract MS 17-0140 Repair of Gearbox of Pump 2 at Drainage Pumping Station 15

R-094-2017 – request to Set Sewerage & Water Board Drainage Millage rates for 2018

R-095-2017 – Ratification of Change Order No. 15 for Contract #1350 – Hurricane Katrina Related repairs to Turbine #4 at the Carrollton Water Treatment Facility/ Power Plant

R-096-2017 – Ratification of Change Order No. 1 for Contract #1352 – Hurricane Related Replacement of the Pump Package at the Carrollton Water Purification Plant – Power Complex

R-097-2017 – Ratification of Change Orders No. 3 for Contract #1378 – Hurricane Katrina Related Repairs to Boiler, Duct & Elevators at the Carrollton Water Purification Plant Power Complex

R-098-2017 – Ratification of Change Order No.1 for Contract #2126 – Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish

R-099-2017 – Ratification of Change Order No. 1 for Contract #6254 – Electrical Repairs to garage 2 and Power Room at Central Yard

R-100-2017 – Ratification of Change Order No. 6 for Contract #8132 – Katrina Related Repairs to Garage #1 and the Generator Building at Central Yard

R-102-2017 – Change Order No. 1 for Contract 30100 – Electrical Improvements to the Effluent Pump House at the East Bank Sewer treatment Plant

R-103-2017 – Ratification of Contract Amendment No. 1 To The Agreement Between The Sewerage & Water Board of New Orleans and CDM Smith for the Sludge Line to the River Design WQMP Priority Project, Improvement to Carrollton Water Purification Plant

R-104-2017 – Ratification of Contract Amendment No 4. To The Agreement Between The Sewerage & Water Board of New Orleans and Royal Engineering & Consultants, LLC for Hurricane Katrina Related Water Restoration Projects

R-105-2017 – Contract Amendment No.1 To The Agreement Between The Sewerage & Water Board of New Orleans and BCG Engineering and Consulting Inc. To Provide Assessment, Design, Construction and Program Management Services for SELA and Drainage System

R-106-2017 – Ratification of Amendment with Design Engineering, Inc. for Design and Engineering Services for the 404 Sewer Hazard Grant Mitigation Program

R-107-2017 – Ratification of Change Order No. 1 for Contract #30203 – Restoration of Existing Gravity Sewer Point Repair and CIPP Lining of Sewer Mains at Various Sites Throughout Orleans Parish

R-108-2017 – Authorization to Enter Into Agreement to Enter Into Agreement with Entergy for Phase II of Relocations of Entergy Services Associated with the SELA Florida Ave Phase IV Construction Project

EXECUTIVE SESSION

Director Joseph Peychaud moved to go into Executive Session. Director Stacy Horn Koch seconded the motion. The motion carried.

Director Joseph Peychaud moved to return to Regular Session. Director Robin Barnes seconded the motion. The motion carried.

Director Dr. Tamika Duplessis moved to accept the recommendation of Special Counsel on the SELA litigation. Director Robin Barnes seconded the motion. The motion carried.

INFORMATION ITEMS

The following items were submitted for informational purposes only:

- FEMA Status Report
- Report of the General Superintendent
- Financial Statements
- Monthly Human Resource Activity Report for the Period August 1 through August 31, 2017
- Executive Director's Approval of Contracts of \$1,000,000.00 or less
- Overtime and Stand By Time Overview

ANY OTHER MATTERS

Mr. Russell Kelly with ATCO Services, LLC, requested a resolution concerning a DBE matter. He indicated that he was a sub-contractor for Plant N Power (PNP) on Contract 1378 that was terminated. PNP had used the services of his employees without his knowledge and had refused to pay him. Mr. Kelly requested the SWBNO to take action by passing a resolution for PNP to pay him or his payment be out of PNP's retainage. President Landrieu asked that a report be presented to the next Board meeting on this matter.

ADJOURNMENT

There being no further business to come before the Board, Director Koch moved to adjourn. Director Barnes seconded. The meeting adjourned at approximately 12:27 PM.



"RE-BUILDING THE CITY'S WATER SYSTEMS FOR THE 21ST CENTURY"

Sewerage & Water Board OF NEW ORLEANS

MITCHELL J. LANDRIEU, President
Robert Miller, Interim Executive Director

625 ST. JOSEPH STREET
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Board of Directors' Special Meeting

2nd Floor Boardroom

Friday, October 13, 2017

9:00 AM

Minutes

I. Call to Order – the Honorable Board President

Roll Call – Quorum Established

- The Honorable Mitchell J. Landrieu – Present
- Director Alan Arnold – Present
- Director Robin Barnes – Present
- Director Eric C. Blue – Absent
- Director Marion Bracy – Present
- Director Dr. Tamika Duplessis – Present
- Director Ralph Johnson – Present
- Director Joseph Peychaud – Present
- Director Stacy Horn Koch – Present

Prior to the start of the meeting, Honorable Mitchell Landrieu informed the Board that one of New Orleans' police officers, Marcus McNeil, was killed on Thursday night, October 12, 2017. Mayor Landrieu asked the Board to join him in a moment of silence for the fallen officer and his family.

II. Interim Leadership Appointments

Honorable Mitchell Landrieu informed the Board that October 13, 2017 is the last meeting that Mr. Robert Miller would be with the Board. In order for the Board to have continuous leadership and operation, the Board has to appoint interim positions for the replacement of General Superintendent and Chief Financial Officer. Hon. Mitchell asked that the Board go into Executive Session.

Director Marion Bracy moved to go into Executive Session. Director Dr. Tamika Duplessis seconded. The motion carried.

III. Executive Session

Director Dr. Tamika Duplessis moved to exit Executive Session and enter Regular Session. Director Joseph Peychaud seconded. The motion carried.

Director Marion Bracy moved that the Board appoint Mr. Bruce Adams as Interim General Superintendent and to authorize Mr. Adams to contract what the Board has up to the level currently authorized for the Executive Director's position to attend to the publication of all motions, notices and resolutions as required, and to have him placed current on the corporate bank account. Director Robin Barnes seconded. The motion carried.

IV. Contracts Approval

Mr. Robert Miler felt that it was in the public's interest and in the interest of transparency that he bring these recommendations before the Board after he became aware that he had developed both recommendations and would, therefore, be signing off on his own recommendations. Mayor Landrieu emphasized that Mr. Miller did not have to bring this matter before the Board because he was given signatory authority to sign contracts up to \$1 million.

Director Joseph Peychaud moved to approve the Automated Meter Reading Amendment (R-119-2017). Marion Bracy seconded. The motion carried.

For clarification, the first part would allow the consultant, Utiliworks, to proceed with the procurement of the major contract.

Already under contract are:

- Readiness Assessment
- Presentations to the Board in November and December
- Preparation of procurement documents and leading Board through procurement

The overall amended contract with Utiliworks will be at a cost of \$400,000.

We are now in phase two – the business process – which includes work performance in a pure consulting roll and not installation of meters. Once the system is installed, the consulting team will be defining the skills, compensation and training needed to operate the system, already a part of the original Readiness Assessment. Mr. Terrence Ginn will take over the oversight of this software system following the departure of Mr. Robert Miller. Mr. Miller stated that the annual maintenance cost is within affordability and strongly recommended the approval of this amendment.

Director Marion Bracy moved to approve (R-120-2017). Director Stacy Horn Koch seconded. The motion carried.

V. Discussion Item

In reference to the Executive Search Firm RFP, Mr. Robert Miller stated there are two ways to proceed:

- The Board can go out and build the specifications of every attribute that it wants in terms of qualifications, experience and personality.

- The Board can go out to the Market Place and say that it intends to procure a firm to search for a utility chief executive. Then ask for their approach and price.

The process has begun to form an ad hoc search committee to make this RFP very straightforward and simple as quickly as possible. The Board will also be doing a search for a CFO and an engineer. The positions will be scalable, but the search needs to start at the top.

VI. Other Matters

Hon. Mitchell Landrieu reiterated that this was the last meeting that Mr. Miller would be attending. Mayor Landrieu mentioned that Mr. Miller had been a great asset to the organization and thanked him for all the work he had done. Hon. Mitchell Landrieu presented Mr. Robert Miller with a Certificate of Recognition from the City of New Orleans and a 300th Anniversary of New Orleans necktie. Board members acknowledged their appreciation for having worked with Mr. Miller.

- VII. Adjournment** – The Honorable Board President requested a motion to adjourn. Director Marion Bracy moved to adjourn. Director Dr. Tamika Duplessis seconded. The motion carried. The meeting adjourned at 10:40 AM.



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MITCHELL J. LANDRIEU, President

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October 13, 2017

The Finance and Administration Committee met on Friday, October 13, 2017 in the Board Room, 625 St. Joseph Street, New Orleans, LA. The meeting convened at approximately 11:00 A.M.

Present:

Director Joseph Peychaud
Director Dr. Tamika Duplessis
Director Stacy Horn Koch

Other Committee/Board Members Present:

Director Alan Arnold
Director Ralph Johnson

ACTION ITEMS:

1. General Superintendent's Recommendations

➤ BIDS:

- R-123-2017 – Contract 1389 – Algiers Water Purification Plant Improvement Project.
Director Dr. Tamika Duplessis would like for staff to make sure a thorough job is done on the front end with bids so there is no big difference in numbers and be a little more complete.
- R-139-2017 – Contract 1401 – Requisition and Delivery of two New Pumps and one Motor at New River Pumping Station.

➤ Contract Renewal:

- R-124-2017 – First and Final Renewal of Contract for Furnishing Liquid Ferric Sulfate to the Algiers Water Plant and Carrollton Water Plant.

➤ Contract Final Acceptance:

- R-125-2017-Contract 1345 – Replacement of Filter Backwash Equipment at the Main Water Purification Plant.
- R-126-2017 – Contract – 5203 – Drainage Pumping Station No. 14 – Trash Screen and Cleaner Replacement.
- R-127-2017 – Contract – 8132 – Katrina Related Repairs garage No. 1 and The Generator Building at Central Yard in the City of New Orleans.

Director Dr. Tamika Duplessis moved to accept the General Superintendent's Recommendations as listed above. Director Stacy Horn Koch seconded the motion. The motion carried.

2. Change Order(s) R-128-2017 through R-137-2017:

Director Joseph Peychaud asked Interim General Superintendent Bruce Adams to give a brief reason for the multitude of Change Orders presented to the Board Members again. Mr. Adams' response was there was a backlog due to a Board meeting that did not occur earlier this summer; also with changes in personnel recently, items left on desk and so forth, staff is now catching up. In the following Board Meetings, the numbers should start to reduce.

- **R-128-2017 – Award of Contract to Provide Design and Engineering Services for Repairs to River Intake Fender System**

Director Stacy Horn Koch moved to accept recommendations to award as described in R-128-2017. Dr. Tamika Duplessis seconded the motion. The motion carried.

- **R-129-2017 – Emergency Procurement for Emergency Contract ME – 17-0023 Provision of Acceleration of the scope of the work to Contract 6259 Installation of Permanent Generators at 5 Underpass Stations**

Director Dr. Tamika Duplessis moved for acceptance of Contract 6259 as described in resolution R-129-2017. Director Stacy Horn Koch seconded the motion. The motion carried.

- **R-130-2017 – Ratification of Change Order No. 2 for Contract 1395 – Water Hazard Mitigation – Elevated Storage Tanks**

Director Stacy Horn Koch moved to approve Change Order No. 2 Contract 1395 resolution R-130-2017. Director Dr. Tamika Duplessis seconded the motion. The motion carried.

- **R-131-2017 – Ratification of Change Order No. 11 for Contract 1352 – Hurricane related Replacement of Pump Package at Carrollton Water Purification Plant – Power Complex**

Mr. Bruce Adams stated that there was a typo in resolution R-131-2017 with 2 dollar signs before the amount.

Director Dr. Tamika Duplessis moved for acceptance of Contract 1352 as described in resolution R-131-2017. Director Stacy Horn Koch seconded the motion. The motion carried.

- **R-132-2017 - Ratification of Change Order No. 7 and Final Acceptance Closeout of Contract 8143 – Hurricane Katrina Related repairs to Central Yard Garage #2**

Mr. Ron Spooner informed the Board that per each resolution, there is an attachment giving details for a better explanation. The Board is very pleased with this information.

Director Stacy Horn Koch moved to accept Change Order No. 7 resolution R-132-2017. Director Dr. Tamika Duplessis seconded the motion. The motion carried.

- **R-133-2017- Ratification of Change Order No. 2 for Contract 6254 – Repairs to Garage #2 Electronic and Equipment Central Yard**

Director Dr. Tamika Duplessis would like to note an error in the resolution under the second WHEREAS to be corrected. It reads one-hundred and thirty (30) as opposed to (130) the numerical value listed.

Director Dr. Tamika Duplessis moved for acceptance with noted change in Change Order No. 2 as described in resolution R-133-2017. Director Stacy Horn Koch seconded the motion. The motion carried.

- **R-134-2017 - Ratification of Change Order No. 4 for Contract 1378 – Hurricane Katrina Related repairs to Boilers, Ducts & Elevators at the Carrollton Water Purification Plant Power Complex**

Director Stacy Horn Koch asked about the DBE participation, due to the contractor wanting to meet with Board Members. Mr. Bruce Adams responded with this being the Contract in which the Sub-Contractor spoke on at the previous Board meeting; it's an item that has been addressed by the EDBE to address this Contractor and Sub-Contractor. Director Stacy Horn Koch asked if information/explanation would be presented to the Board. Mr. Nolan Lambert stated it will be brought to the Board for information purposes. Mr. Vickie Rivers will address this issue.

Director Stacy Horn Koch moved to approve Change Order No. 4 as described in resolution R-134-2017. Director Dr. Tamika Duplessis seconded the motion. The motion carried.

Director Joseph Peychaud requested the EDBE present the process flow and where they are and changes up to date. Mr. Nolan Lambert's response was that a separate sub-meeting would be best.

- **R-135-2017 – Ratification of Change Order No. 5 for Contract 2105 – Line Replacement of Mains Damaged by Hurricane Katrina within the Central Business District and French Quarter**

Director Stacy Horn Koch moved to approve ratification of Change Order No. 5 Contract 2105 with a request of explanation of the percentage met, as described in resolution R-135-2017. Director Dr. Tamika Duplessis seconded the motion. The motion carried.

- **R-136-2017 – Resolution of Amendment No. 2 to the Agreement between the Sewerage & Water Board of New Orleans and G.E.C., Inc. for Hurricane Katrina Related Drainage Restoration – Board Underpass Pump Station Design**

Director Dr. Tamika Duplessis moved to accept Amendment No. 2 as described in resolution R-136-2017. Director Stacy Horn Koch seconded the motion. The motion carried.

- **R-137-2017 – Amendment No. 10 to the Agreement between The Sewerage and Water Board of New Orleans And Waldemar D. Nelson And Company for Hurricane Katrina Related Restoration Project**

Director Joseph Peychaud asked where are things with all the Change Orders and finalization to the bulk of things to get through these Change Orders. Mr. Ron Spooner's response was that due to the backlog of Change Orders and Contract 2105 being a large one, they will get one more Change Order and final close out and other Change Orders.

Director Dr. Tamika Duplessis moved for acceptance of amendment No. 10 as described in resolution R-137-2017. Director Stacy Horn Koch seconded the motion. The motion carried.

Director Stacy Horn Koch stated she appreciated the extra information presented today. She reiterated it would be very helpful to get more education and old Members also may like that they get a refresher on things up to date.

Director Joseph Peychaud agreed it would be best to have this information sooner than later to help process and get through these meetings accordingly.

Mr. Nolan Lambert stated that if information items can be presented in a timely manner, it would help the process. Director Joseph Peychaud agreed to this. Also, it would help for Board Members to receive this information to be able to review information before meetings.

3. First and Final Renewal of Contract 2123 – Water Main Line Replacement and Extension at Scattered Locations throughout Orleans Parish (R-116-2017):

Director Stacy Horn Koch moved to accept Contract 2123 as described in resolution R-116-2017. Director Dr. Tamika Duplessis seconded the motion. The motion carried.

Director Dr. Tamika Duplessis asked that moving forward, the Board start to evaluate the contractors using a rating system of prior and pass DBE participation, how they fair in completing, how many times they met goals, what were circumstances surrounding that. It would give the Board a better idea since DBE has been the point of contention for members to get a better understanding of how companies have made out in the pass.

4. Request for Declaration of Extreme Emergency for the Restoration of Turbine 4:

No Further action was needed for the request, because it was already approved at the last meeting. It was brought to the Board to show transparency and documentation and for ratification.

5. Authorization to Amend Metering Project Assessment Contract (R-119-2017):

6. Authorization to Procure Customer Relationship management Software (R-120-2017):

Items number 5 and 6 were voted on at the special meeting so no action was needed for R-119-2017 and R-120-2017.

7. East Bank Treatment Plant Municipal Water Pollution Prevention Environment Audit (R-121-2017):

8. West Bank Treatment Plant Municipal Water Pollution Prevention Environment Audit (R-122-2017):

Items 7 and 8 will be brought to the full Board for more time to review the items to determine if there are any requirements to resolution R-121-2017 and R-122-2017; these items also may need to be presented to the Audit Committee and not Finance and Administration

Director Stacy Horn Koch moved to defer resolution R-121-2017 and R-122-2017 to the full Board. Director Dr. Tamika Duplessis seconded the motion. The motion carried.

PRESENTATION ITEMS:

9. Financial Results through August 2017

This item will be brought to the full Board as information.

INFORMATION ITEMS:

8. Financial Results through July 2017

Information item(s) 10, 11, 12, and 13 were received.

ADJOURNMENT:

There being no further business to come before the Finance & Administration Committee, the meeting adjourned at approximately 12:48 P.M.

Respectfully submitted,

Joseph Peychaud, Vice Chair



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October 16, 2017

The Pension Committee met on Monday, October 16, 2017 in the Board Room, 625 St. Joseph Street, New Orleans, LA. The meeting convened at approximately 3:00 P.M.

Present:

Director Joseph Peychaud
Director Alan Arnold
Director Ralph Johnson
Ms. Chante' Powell Pierre
Mr. Christopher Bergeron
Mr. John Wilson
Mr. Marvin Russell

Executive Session

Disability Retirement Application

Mr. Marvin Russell moved to go into Executive Session. Mr. John Wilson seconded the motion. The motion carried.

Mr. John Wilson moved to return from Executive Session. Director Ralph Johnson seconded the motion. The motion carried.

Mr. John Wilson moved to accept the recommendation of the staff of Human Relations on the Executive Session matter as described in the Disability Retirement Application. Mr. Marvin Russell seconded the motion. The motion carried.

ACTION ITEMS:

1. Mission Statement for the Employees' Retirement System of the Sewerage & Water Board of New Orleans (R-114-2017)

Director Alan Arnold moved to recommend the Board of Trustees adopt the Mission Statement as it is described in resolution R-114-2017. Ms. Chante' Powell Pierre seconded the motion. The motion carried.

2. Adoption of the CFA Code of Conduct for Members of a Pension Scheme Governing Body by the Employees' Retirement System of Sewerage & Water Board of New Orleans (R-115-2017)

Mr. John Wilson moved to recommend that the Board of Trustees adopt the CFA Code of Conduct (R-115-2017). Mr. Marvin Russell seconded. The motion carried.

3. Asset Allocation Targets for Employees' Retirement System of the Sewerage & Water Board of New Orleans (R-109-2017)

Director Ralph Johnson moved to recommend that Board of Trustees incorporate the 2015 asset allocation into the Investment Policy Statement (R-109-2017). Mr. Marvin Russell seconded. The motion carried.

4. Miscellaneous Updates of the Investment Policy Statement for the Employees' Retirement System of the Sewerage & Water Board of New Orleans (R-110-2017)

Director Ralph Johnson moved to recommend to the Board of Trustees the various edits in the redlined Investment Policy Statement (R-110-2017). Ms. Chante' Powell Pierre seconded. The motion carried.

All Resolutions listed above will be moved to the Board of Trustee's Committee for full adoption.

PRESENTATION ITEMS:

Ms. Sharon Judkins, Deputy Director of Administration, shared an informational item on rehiring retired S&WB employees. Ms. Sharon Judkins noted that Human Resources was considering various strategies to fill the roughly 300 vacant positions at the Sewerage & Water Board of New Orleans (S&WB). Among those strategies was the rehiring of retired S&WB employees. The Rules and Regulations Article II of the Employees' Retirement System of the Sewerage & Water Board of New Orleans (ERS) defines "employee." That definition excludes individuals who "work less than 17.5 hours per week." If the rehired retiree works less than 17.5 hours per week, they would not be a contributing member of the ERS. They would continue to receive their pension but not accrue sick time or vacation. Mr. Mike Conefry – ERS's Actuary - confirmed that individuals who worked less than 17.5 hours per week would not be members of ERS and thus would not impact the pension with their rehiring. S&WB Attorney Mr. James Thompson confirmed this interpretation.

Committee members asked a number of questions for clarification and to understand compliance. Mr. John Wilson raised a question as to whether S&WB employees on DROP could withdraw from DROP to lengthen their employment. Mr. Mike Conefry said the Rules and Regulations would not currently allow this and Ms. Sharon Judkins said the topic might be considered in the future. Director Joseph Peychaud encouraged Ms. Sharon Judkins to make sure communications about the rehiring of retired S&WB employees was communicated to avoid misunderstandings.

Chief Investment Officer, Dr. Tim Viezer's presentation provided background for the four action items and two updates. Dr. Tim Viezer introduced the first of four action items noting that "prudence is process." He noted that the ERS trust is a separate entity created by Louisiana RS 11:3821. S&WB - the water utility - was created by Louisiana RS 33:4071. Since "mission clarity" is a governance best practice, it would be useful to adopt a separate mission statement for ERS. Mr. James Thompson noted that the proposed mission statement is consistent with and its language derived from RS 11:3821.

Dr. Tim Viezer then presented the CFA Institute's Code of Conduct for Members of a Pension Scheme Governing Body. Dr. Tim Viezer noted that this was a "gold standard" within the industry and that as a CFA charter holder was himself bound by the CFA Institute's Code of Ethics and Standards of Professional Conduct. Dr. Tim Viezer noted that the Code would help assure all stakeholders that ERS would adhere to high standard which was achievable. The Code also provides protection to Trustees as it offers guidance on how to comply with their duties to administer benefits as Directors and make investment decisions as Trustees.

Dr. Tim Viezer then presented two administrative items to amend the Investment Policy Statement. The first was to memorialize changes to the asset allocation that were voted upon by the Pension Committee in 2015 and implemented but not incorporated into the Investment Policy Statement. Dr. Tim Viezer noted that in the course of providing that update to the Investment Policy Statement, FFC Capital Management proposed a number of minor edits (e.g., benchmark titles, dates, etc.). Dr. Tim Viezer noted that the Committee will monitor compliance with the asset allocation each month. He also noted that RS 11:3821 limits total equity to 65% of the total fund.

Dr. Tim Viezer then reiterated the rationale for the asset-liability study. A goal of ERS is to honor S&WB's pension obligations. Since the future is unknown, the Pension Committee must prepare for multiple situations in financial markets, plan design, and contribution levels to plan on how to achieve full funding. The asset-liability study is the tool that will assist that planning. An RFP has been issued and responses are due on

October 20, 2017. The Pension Committee discussed the composition of the Proposal Selection Committee. The Pension Committee made clear its desire for a competent, unbiased Proposal Selection Committee and adherence to S&WB's Professional Services Procurement Policy. Finally, Dr. Tim Viezer noted that FFC Capital Management's general investment consultant contract expires in March 2018. FFC has served as ERS's prime investment consultant since October 2008. To begin preparing to rebid the contract, the Pension Committee will discuss the general investment consultant services it desires over the next two meetings.

INFORMATION ITEMS:

Information item(s) 5b, 5c, 5d, 5e, 5f, 5g and 5h were received.

ADJOURNMENT:

There being no further business to come before the Pension Committee, the meeting adjourned at approximately 4:15 P.M.

Respectfully submitted,

Joseph Peychaud, Vice Chair

**FIRST AND FINAL RENEWAL OF CONTRACT 2123 - WATER MAIN LINE
REPLACEMENT AND EXTENSIONS AT SCATTERED LOCATIONS THROUGHOUT
ORLEANS PARSH**

WHEREAS, under the provisions of the contract, the Board, with the contractor's concurrence, reserves the right to extend their contract; and

WHEREAS, the contractor, **Wallace C. Drennan Construction Co., LLC**, desires to extend its contract facilitating the continuity of its services, in the amount of \$1,777,140,000.00 for Water Main Line Replacements and Extensions at scattered Locations throughout Orleans Parish.

NOW, THEREFORE, BE IT RESOLVED, that the request of **Wallace C. Drennan Construction Co., LLC**, to extend its contract beginning November 1, 2017, is hereby approved.

I, Robert K. Miller Interim 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 October 18, 2017.

ROBERT K. MILLER
INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

AUTHORIZATION TO AMEND AUTOMATED METERING PROJECT ASSESSMENT CONTRACT

WHEREAS, in June 2017, Sewerage and Water Board executed a contract with Utiliworks Consulting, LLC to perform an assessment of readiness to implement automated metering for 184,040; and

WHEREAS, prior to considering the results of the readiness assessment, staff believes that it would be prudent to provide presentations to the Strategy Committee and the Board of Directors on the state of the industry and the strategic potential of this project; and

WHEREAS, staff anticipates that there will be a full complement of recommendations from the readiness assessment for steps needed to be taken by Sewerage and Water Board prior to full project implementation; and

WHEREAS, in order for the Board to continue to make necessary progress on this project while the recommendations are being addressed, it would be appropriate to allow Utiliworks, LLC, upon completion of the readiness assessment, to proceed immediately with development of procurement documents and solicitation; and

WHEREAS, the expanded scopes of work were contemplated as possibilities in the original request for proposal for this project;

NOW, THEREFORE, BE IT RESOLVED that the Interim Executive Director is authorized to amend the agreement with Utiliworks Consulting, LLC for the attached scopes of work for a total increase of \$243,800 through December 2018.

I, Robert K. Miller, Interim 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
Special Meeting of said Board, duly called and held,
according to law, on October 13, 2017.

ROBERT K. MILLER, INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

AUTHORIZATION TO PROCURE CUSTOMER RELATIONSHIP MANAGEMENT SOFTWARE

WHEREAS, in October 2016, Sewerage and Water Board implemented Cogsdale's Customer Service Management software product for customer service and utility billing; and

WHEREAS, this system is powerful and provides an abundance of functions to our user, but also enhanced the opportunity for user error; and

WHEREAS, in an effort to address all of the aforementioned issues, staff initiated the Business Transformation Project to improve customer service and reduce errors by evaluating and revamping our Customer Service business processes and enhancing our software tools; and

WHEREAS, this project is addresses these goals through a redesign of our customer service business processes in accordance with industry best practices and through the implementation of a Customer Relationship Management (CRM) application to simplify and expedite our key customer service processes; and

WHEREAS, Verint is the provider of CRM software used by the City of New Orleans for the 311 Call Center; and

WHEREAS, Sewerage and Water Board wants to utilize the same software in order to provide customers with the same high-quality user experience and to attain the potential benefits of common in-house software support and technology platforms, common cross training of personnel, and possible future integration or consolidation for the "one stop" city wide customer service approach;

NOW, THEREFORE, BE IT RESOLVED that the Interim Executive Director is authorized to enter into a Master Software License, Service, and Support Agreement with Verint in the amount of \$695,775.96.

I, Robert K. Miller, Interim 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
Special Meeting of said Board, duly called and held,
according to law, on October 13, 2017.

ROBERT K. MILLER, INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**CONTRACT 1389 - ALGIERS WATER PURIFICATION PLANT IMPROVEMENTS
PROJECT**

BE IT RESOLVED by the Sewerage and Water Board of New Orleans that three (3) bids were received on September 8, 2017 after advertising according to the Public Bid Law, for performing work under Contract 1389. The second low formal bid was hereby accepted and contract awarded therefore to **Lou-Con, Inc.** for the total amount of **\$7,157,600.00.**

I, Robert K. Miller, 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 October 18, 2017.

ROBERT K. MILLER
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

FIRST AND FINAL RENEWAL OF CONTRACT FOR FURNISHING LIQUID FERRIC SULFATE TO THE ALGIERS WATER PLANT AND THE CARROLLTON WATER PLANT

WHEREAS, under the provisions of the contract, the Board, with the contractor's concurrence, reserves the right to renew the contract with no increase in the cost of services and no change in terms and conditions; and

WHEREAS, the contractor, **Altivia Chemicals, LLC**, desires to exercise its renewal option as allowed under this contract with the totals being **\$128,400.00** (Item I - Algiers Water Plant) and **\$1,284,000.00** (Item II - Carrollton Water Plant) for Furnishing Liquid Ferric Sulfate to the Algiers Water Plant and the Carrollton Water Plant).

NOW, THEREFORE, BE IT RESOLVED, that the request of **Altivia Chemicals, LLC** for this first and final renewal, effective December 1, 2017, is hereby approved.

I, Robert K. Miller, 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 October 18, 2017.

ROBERT K. MILLER
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT 1345 - ALGIERS WATER
PURIFICATION PLANT IMPROVEMENTS PROJECT**

WHEREAS, Contract 1345 - Algiers Water Purification Plant Improvements Project is ready for Final Acceptance by the Sewerage & Water Board of New Orleans; and

WHEREAS, the General Superintendent in his report has recommended that this contract receive final acceptance and be closed out.

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 to close out Contract by **Industrial & Mechanical Contractors, Inc.** for Algiers Water Purification Plant Improvements Project, is hereby approved.

I, Robert K. Miller, 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 October 18, 2017.

ROBERT K. MILLER
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT 5203 - DRAINAGE
PUMPING STATION NO. 14 - TRASH SCREEN AND CLEANER REPLACEMENT**

WHEREAS, Contract 5203 - Drainage Pumping Station No. 14 - Trash Screen and Cleaner Replacement is ready for Final Acceptance by the Sewerage & Water Board of New Orleans; and

WHEREAS, the Deputy General Superintendent in his report has recommended that this contract receive final acceptance and be closed out.

NOW, THEREFORE, BE IT RESOLVED, by the Sewerage and Water Board of New Orleans that the recommendation of the Deputy General Superintendent to authorize final acceptance and to close out Contract by **F.H. Paschen, S.N. Nielsen & Associates** for Drainage Pumping Station No. 14 - Trash Screen and Cleaner Replacement, is hereby approved.

I, Robert K. Miller, 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 October 18, 2017.

ROBERT K. MILLER
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT 8132 - KATRINA
RELATED REPAIRS GARAGE NO. 1 AND THE GENERATOR BUILDING AT
CENTRAL YARD IN THE CITY OF NEW ORLEANS, LA**

WHEREAS, Contract 8132 - Katrina Related Repairs Garage No. 1 and the Generator Building at Central Yard in the City of New Orleans, La is ready for Final Acceptance by the Sewerage & Water Board of New Orleans; and

WHEREAS, the Deputy General Superintendent in his report has recommended that this contract receive final acceptance and be closed out.

NOW, THEREFORE, BE IT RESOLVED, by the Sewerage and Water Board of New Orleans that the recommendation of the Deputy General Superintendent to authorize final acceptance and to close out Contract by **Industrial & Mechanical Contractors, Inc.** for Katrina Related Repairs Garage No. 1 and the Generator Building at Central Yard in the City of New Orleans, La, is hereby approved.

I, Robert K. Miller, 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 October 18, 2017.

ROBERT K. MILLER
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**AWARD OF CONTRACT TO PROVIDE DESIGN AND ENGINEERING SERVICES FOR
REPAIRS TO RIVER INTAKE FENDER SYSTEMS**

WHEREAS, at the October 15, 2014 Board Meeting, the Sewerage and Water Board of New Orleans (Board) approved a list of engineering and consulting firms for the replacement and rehabilitation of Sewerage & Water Board of New Orleans facilities and directed staff to enter into negotiations for project(s) with the most qualified candidate based upon the firm's ability to perform the work for the project's size and complexity; and

WHEREAS, the staff has reviewed the list and recommended Neel-Schaffer, Inc. to provide project administration and management, preliminary engineering analysis, preliminary and final design, bidding and construction phase services for repairs to river intake fender systems; and

WHEREAS, Neel-Schaffer, Inc. is providing a phased approach in accordance with project requirements; and

WHEREAS, Neel-Schaffer, Inc. plans to comply with the DBE participation goal to meet or exceed the participation goal of 35% with (list of companies)

NOW THEREFORE BE IT RESOLVED, by the Sewerage and Water Board of New Orleans that the President or President Pro-Tem is hereby authorized to enter into an agreement on behalf of the Sewerage and Water Board of New Orleans with Neel-Schaffer, Inc. to provide project administration and management, preliminary engineering analysis, preliminary and final design, bidding and construction phase services for repairs to river intake fender systems.

I, Robert K Miller, Interim 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 October 18, 2017.

ROBERT K. MILLER
INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**EMERGENCY PROCURMENT FOR EMERGENCY CONTRACT ME 17-0023
PROVISION OF ACCELERATION OF THE SCOPE OF WORK TO CONTRACT
6259 INSTALLATION OF PERMANENT GENERATORS AT 5 UNDERPASS
STATIONS**

BE IT RESOLVED by the Sewerage and Water Board of New Orleans that a proposal to accelerate the scope of work associated with **CONTRACT 6259 INSTALLATION OF PERMANENT GENERATORS AT 5 UNDERPASS STATIONS**. The proposal was hereby accepted and contract awarded therefore to **Industrial & Mechanical Contractors Inc.**, in the total amount of **\$392,113.42**.

I, Robert K. Miller, Chief
Financial Officer, 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 September 20,
2017.

ROBERT K. MILLER
CHIEF FINANCIAL OFFICER
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**RATIFICATION OF CHANGE ORDER NO. 2 FOR CONTRACT 1395– WATER HAMMER
HAZARD MITIGATION– ELVATED STORAGE TANKS**

WHEREAS, the Sewerage and Water Board entered into Contract 1395 with B&K Construction Co. for the FEMA funded construction of Water Hammer Hazard Mitigation Elevated Storage Tanks in the bid amount of \$33,570,152.00, and

WHEREAS, additional work was removed from a future construction contract and added to this contract due to unforeseen conditions including, but not limited to, adding required manholes and additional communication hand holes for feeders exposed during excavation for valve vault installation, temporarily and permanently rerouting power, adding a line stop to a 36" abandoned line and fill with flow-able fill, and modifying the specifications for the two tank pedestals to waterproof and minimize maintenance; and

WHEREAS, this Change Order, in the amount of \$1,151.980.76 is 3.4% of the original Contract value, and

NOW THEREFORE BE IT RESOLVED, that approval of Change Order No. 1 for Contract 1395 is ratified by the Sewerage and Water Board of New Orleans.

I, Robert Miller, Interim 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 October 18, 2017.

CEDRIC S. GRANT, EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**RATIFICATION OF CHANGE ORDER NO. 11 FOR CONTRACT 1352 -
HURRICANE RELATED REPLACEMENT OF THE PUMP PACKAGE AT THE
CARROLLTON WATER PURIFICATION PLANT – POWER COMPLEX**

WHEREAS, the Sewerage and Water Board entered into Contract 1352 with Industrial & Mechanical Contractors, Inc. in the amount of \$2,721,890.00 for the FEMA funded Replacement of the Pump Package at the Carrollton Water Purification Plan – Power Complex and

WHEREAS, following negotiations between the Sewerage and Water Board of New Orleans and Industrial Mechanical Contractors, a settlement agreement was reached in the amount of \$431,555.29 for extended overhead for additional days that were added to this Contract. The Contractor was informed during discussions/negotiations that the Sewerage and Water Board of New Orleans would not acknowledge the lack of efficiency/lost productivity claim. This Change order is not eligible for FEMA reimbursement and

WHEREAS, this Change Order, in the amount of \$431,555.29, brings the accumulated Contract change order total to \$1,611,247.09 or 59.2% of the original Contract value.

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 11 for Contract 1352 is ratified by the Sewerage and Water Board of New Orleans.

I, Robert K. Miller, Interim 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 _____.

ROBERT K. MILLER, INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**RATIFICATION OF CHANGE ORDER NO. 7 AND FINAL ACCEPTANCE AND
CLOSEOUT OF CONTRACT 8143 - HURRICANE KATRINA RELATED REPAIRS TO
CENTRAL YARD GARAGE #2**

WHEREAS, the Sewerage and Water Board entered into Contract 8143 with Hamp's Construction, LLC in the amount of \$802,620.00 for FEMA funded repairs to Central Yard Garage #2

WHEREAS, the Contractor was directed to install two (2) recessed water coolers and removal/replacement of drywall, and was granted a total of 60 additional Contract days due to delays associated with installation of electrical components in Garage 2 as part of Contract 6254, and

WHEREAS, this Change Order, in the amount of \$23,074.17, brings the accumulated Contract change order total to \$527,229.76 or 65.69% of the original Contract value, and

NOW THEREFORE BE IT RESOLVED, that approval of Change Order No. 7 for Contract 8143 is ratified and the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Hamp's Construction, LLC., for Contract 6245, is hereby approved.

I, Robert K. Miller, Interim 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 October 18, 2017.

ROBERT K MILLER, INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

RATIFICATION OF CHANGE ORDER NO. 2 FOR CONTRACT 6254 - REPAIRS TO GARAGE 2 ELECTRICAL AND EQUIPMENT CENTRAL YARD

WHEREAS, the Sewerage and Water Board entered into Contract 6254 with Walter J. Barnes Electrical in the amount of \$1,114,000. for FEMA funded repairs to Central Yard Garage #2

WHEREAS, the costs associated with seven (7) extra work items and one hundred and thirty (30) Additional Contract Days is addressed herein, and

WHEREAS, this Change Order, in the amount of \$77,461.39, brings the accumulated Contract change order total to \$217,866.43 or 19.56% of the original Contract value, and

NOW THEREFORE BE IT RESOLVED, that approval of Change Order No. 2 for Contract 6254 is ratified by the Sewerage and Water Board of New Orleans.

I, Robert K. Miller, Interim 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 October 18, 2017.

ROBERT K. MILLER, EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

RATIFICATION OF CHANGE ORDER NO. 4 FOR CONTRACT 1378 - HURRICANE KATRINA RELATED REPAIRS TO BOILERS, DUCT & ELEVATORS AT THE CARROLLTON WATER PURIFICATION PLANT POWER COMPLEX

WHEREAS, the Sewerage and Water Board entered into Contract 1378 with Plant N Power Services, LLC in the amount of \$15,928,241. for FEMA funded repairs to the Boilers, Duct & Elevators at the Carrollton Water Purification Plant Power Complex, and

WHEREAS, the following work was performed: Grey Water System Modifications, relocation of the CEM System, relocate power to 120V solenoid valve for bound draft damper 131, boil out procedures on boilers 5, 6, 3 and 1 after the re-tube, extra work on Boiler 2 to get it running to full capacity and independently controlled, demolition and repairs inside the clear, and procuring five extra sets of pressure relief valves for the boiler.

WHEREAS, this Change Order, in the amount of \$720,350.50, brings the accumulated Contract change order total to \$804,585.40, or 5.1% of the original Contract value of \$15,928,241., and

NOW THEREFORE BE IT RESOLVED, that approval of Change Order No. 4 for Contract 1378 is ratified by the Sewerage and Water Board of New Orleans.

I, Robert K. Miller, Interim 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_____.

ROBERT K. MILLER, INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**RATIFICATION OF CHANGE ORDER 5 FOR CONTRACT 2105-
LINE REPLACEMENT OF MAINS DAMAGED BY HURRICANE KATRINA
WITHIN THE CENTRAL BUSINESS DISTRICT AND FRENCH QUARTER**

WHEREAS, the Sewerage and Water Board entered into Contract 2105 with Boh Brothers Construction Company in the amount of \$6,699,595.00 for FEMA funded replacement of damaged water mains in Central Business District and the French Quarter, and

WHEREAS, due to sensitive nature of the area in question, the Contractor was required to frequently mobilize and demobilize for special events, and was required to perform work during early morning hours to minimize inconvenience to residents and businesses within the area, and

WHEREAS, this change order includes additional days for coordination with special events, additional time and compensation for resolution of unknown obstructions as they were identified, and additional work identified as required during the course of installation as it was performed.

WHEREAS, the contract shall be extended by an additional 456 days to complete the work and the required DBE participation on this contract is 36% which will remain unchanged through this approved change order.

WHEREAS, this change orders, in the amount of \$1,199,210.64, brings the accumulated contract change order total to \$3,403,159.59 or 50.8% of the original Contract value.

NOW THEREFORE BE IT RESOLVED, that approval of Change Order No. 5 for Contract 2105 is ratified by the Sewerage and Water Board of New Orleans.

I, Robert Miller, Interim 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 October 18, 2017

ROBERT K MILLER, INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

RESOLUTION OF AMENDMENT NO. 2 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND G.E.C., Inc. FOR HURRICANE KATRINA RELATED DRAINAGE RESTORATION - BROAD UNDERPASS PUMP STATION DESIGN

WHEREAS, on June 26, 2015 the Sewerage and Water Board of New Orleans (Board) awarded a contract to G.E.C., Inc. in the amount of \$57,000 to perform design and bid support services for Hurricane Katrina Related Water Restoration Project Repairs to Broad Street Underpass Drainage Pumping Station (R-079-2015); and

WHEREAS, G.E.C., Inc. submitted a fee of \$181,488.25 for Contract Amendment No. 1 to provide additional engineering services to perform design, construction management and engineering services for Hurricane Katrina Related Water Restoration Project Repairs to Broad Street Underpass Drainage Pumping Station (R-135-2016); and

WHEREAS, This Contract Amendment No. 2 in the amount of \$8,417.87 is for Additional Engineering Design services to modify the design of the electrical duct bank and assist with obtaining a permit from The U.S Army Corp of Engineers; and

NOW THEREFORE BE IT RESOLVED, that approval of Contract Amendment No. 2 for G.E.C., LLC is ratified by the Sewerage and Water Board of New Orleans.

I, Robert K. Miller, Interim 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 October 20, 2017.

ROBERT K. MILLER
INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

AMENDMENT NO. 10 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND WALDEMAR S. NELSON AND COMPANY FOR HURRICANE KATRINA RELATED WATER RESTORATION PROJECTS

WHEREAS, on January 14, 2009 the Sewerage and Water Board of New Orleans (Board) awarded a contract to Waldemar S. Nelson and Company in the amount of \$2,377,665.20 to perform design services for Hurricane Katrina Related Water Restoration Project Repairs at the Power Plant – Carrollton Plant (R-013-2009); and

WHEREAS, Waldemar S. Nelson and Company submitted a fee of \$229,771.00 for Contract Amendment No. 1 to complete the repairs of Generator No. 4 at the Power Plant – Carrollton Plant with the repair (R-003-2013); and

WHEREAS, Waldemar S. Nelson and Company submitted a fee of \$272,564.37 for Contract Amendment No. 2 to complete additional services to ensure repairs to Generator No. 4 is returned to operation in coordination with the repairs of Turbine No. 4 in a timely manner (R-167-2013); and

WHEREAS, additional engineering design services in the amount of \$64,035.50 for Contract Amendment No. 3 are required to complete repairs of Generator No. 4, repair of the governor for Turbine No. 1, design for the repair to the pump, switchgear and motor, addition of controls and flow meters and design of the diesel tank (R-204-2013);

WHEREAS, Waldemar S. Nelson and Company submitted a fee of \$262,668.50 for Contract Amendment No. 4 to perform additional design and construction inspection services for work related to Turbine No. 4, A&B steam pumps, miscellaneous pump package and Panola Pump Station (R-259-2014); and

WHEREAS, Waldemar S. Nelson and Company submitted a fee of \$592,273.00 for Contract Amendment No. 5 for increased construction costs received for Contract 1378 - Repair of the boilers, ducts, elevators, including installation of a mandatory grey water system located at the Carrollton Water Purification and Power Plant (R-076-2015); and

WHEREAS, Waldemar S. Nelson and Company submitted a fee of \$136,570.00 for Contract Amendment No. 6 for additional design engineering services for change order work related to Turbine No. 4, A&B steam pumps, miscellaneous pump package and Panola Pump Station (R-113-2015); and

WHEREAS, Waldemar S. Nelson and Company submitted a fee of \$171,739.00 for Contract Amendment No. 7 for additional design engineering services for change order work to add a level controller/pressure valve and make design modifications to the seal water system for Turbine No. 4 (R-039-2016); and

WHEREAS, Waldemar S. Nelson and Company submitted a fee of \$231,950.00 for Contract Amendment No. 8 for additional design and construction inspection services for work related to Turbine No. 4, A&B steam pumps, miscellaneous pump package, boiler re-tubing, and Panola Pump Station (R-136-2016); and

WHEREAS, Waldemar S. Nelson and Company submitted a fee of \$3,998,069.31 for Contract Amendment No. 9 for additional design and construction inspection services for interface with construction contractors and their vendors to obtain data required to complete detailed design and alignment of all systems prior to startup and testing, including all commissioning, startup, and operations manuals required for the operation of Steam Turbine/Generator No. 4 at the Power Plant – Carrollton Plant , and

WHEREAS, this Amendment No. 10 in the amount of \$275,000.00 is for Additional Engineering Services associated with the power plant at the Carrollton facility through March 31, 2018 and brings the total authorized contract amount for design services to \$8,612,305.88; and,

NOW THEREFORE BE IT RESOLVED, that approval of Contract Amendment No. 10 for Waldemar S. Nelson and Company is ratified by the Sewerage and Water Board of New Orleans.

I, Robert K. Miller, Interim 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 October 18, 2017.

ROBERT K. MILLER, INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**CONTRACT 1401 - REQUISITION AND DELIVERY OF TWO NEW PUMPS AND
ONE MOTOR AT NEW RIVER PUMPING STATION**

BE IT RESOLVED by the Sewerage and Water Board of New Orleans that one (1) bid was received on September 28, 2017 after advertising according to the Public Bid Law, for performing work under Contract 1401. The bid was hereby accepted and contract awarded therefore to **Fluid Process & Pumps, LLC** for the total amount of **\$1,877,600.00**.

I, Robert K. Miller, 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 October 18, 2017.

ROBERT K. MILLER
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**EAST BANK WASTEWATER TREATMENT PLANT MUNICIPAL WATER POLLUTION PREVENTION
ENVIRONMENTAL AUDIT**

WHEREAS, on October 18, 2017, the Board's wastewater operator (Veolia Water North America) completed the Louisiana Municipal Water Pollution Prevention report for the East Bank Wastewater Treatment Plant for the period, June 1, 2016 to May 31, 2017; and

WHEREAS, the Board has reviewed the Municipal Water Pollution Prevention Environmental Audit Report, prepared for the Louisiana Department of Environmental Quality, which is attached to this resolution; and

WHEREAS, though no corrective action is needed at this time, the Board will continue to take whatever actions are necessary to maintain permit requirements contained in the Louisiana Water Discharge Permit System (LWPDPs) Number LA0038091.

NOW, THEREFORE BE IT RESOLVED that the Board hereby acknowledges receipt and review of the report and assures performance of any actions necessary to maintain permit requirements.

I, Robert Miller, Interim 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 October 18, 2017.

ROBERT MILLER
INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS



SEWERAGE AND WATER BOARD Inter-Office Memorandum

Date: October 4, 2017
To: Robert Miller, Interim Executive Director
From: Bruce Adams, Deputy Director of Engineering and Construction
Bruce Adams 10/05/2017
Re: Municipal Water Pollution Prevention Audit (MWPP)
East Bank Wastewater Treatment Plant

Attached please find the East Bank Wastewater Treatment Plant MWPP Audit for the period June 1, 2016 to May 31, 2017. There were no areas of concern found during the self-audit conducted by Veolia Water and SWBNO personnel. The facility's LPDES Permit requires the Board of Directors review this document and pass a resolution to document this review. A draft resolution is included for your review.

Please place this item on the agenda for the October Board meeting.

Robert Miller
Interim Executive Director
Sewerage and Water Board of New Orleans

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:	Donald Patterson
Title:	Senior Project Manager
Date Completed:	October 3, 2017

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-16	98.7	X	60	X 8.34 =	49,390
Jul-16	93.0	X	92	X 8.34 =	71,357
Aug-16	107.0	X	83	X 8.34 =	74,068
Sep-16	97.0	X	89	X 8.34 =	71,999
Oct-16	73	X	114	X 8.34 =	69,406
Nov-16	81	X	106	X 8.34 =	71,607
Dec-16	89.2	X	99	X 8.34 =	73,649
Jan-17	106.2	X	86	X 8.34 =	76,171
Feb-17	82.4	X	98	X 8.34 =	67,347
Mar-17	84.2	X	95	X 8.34 =	66,712
Apr-17	90.5	X	88	X 8.34 =	66,420
May-17	104.4	X	70	X 8.34 =	60,949

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	10	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-2016	13	11
Jul-2016	17	10
Aug -2016	13	12
Sep – 2016	12	8
Oct – 2016	16	8
Nov – 2016	20	13
Dec – 2016	22	12
Jan – 2017	13	13
Feb – 2017	16	10
Mar – 2017	14	10
Apr – 2017	12	9
May – 2017	13	9

- 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) 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	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) 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 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	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:

The Fecal Coliform daily maximum concentration, 400 colonies/100 ml was exceeded once on June 18, 2016. The cause of the noncompliance is believed to be sampler contamination of the container.

- 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>
Lead	5 ug/l	8.5 ug/l	12/08/2016

PART 3: AGE OF THE WASTEWATER TREATMENT FACILITIES

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

$$\begin{array}{rclcl} \text{Current Year} & - & \text{(Answer to A)} & = & \text{Age in years} \\ \hline 2017 & - & 1974 & = & 43 \text{ years} \end{array}$$

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>Activated Sludge</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:

$$\begin{array}{rclcl} \text{TOTAL POINT VALUE FOR PART 3} = & 2.5 & \times & 43 & = \\ & \text{FACTOR} & & \text{AGE} & \boxed{107.5} \text{ (max. = 50)} \end{array}$$

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: 9

(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 9 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: 17

(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 17 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:

N.O. S&WB, Cedric Grant, Executive Director and Environmental Affairs Department

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	<u>>6</u>	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	<u>>36</u>	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 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: The opening of two new hospitals: The Veterans Administration Hospital and LSU Teaching Hospital.

List any new pollutants that you anticipate: Increased Flow, BOD, and TSS into the POTW.

- 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 15 (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? James Porter
- B. What is his/her certification number? #15-607; 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 has 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.

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.

The Board and its contractors inspected 9,351 sewer manholes, completed 934 repairs, and cleaned 1,249,907.00 feet of the sewer system in 2016. Also, the Board and its contractors inspected a cumulative total of 40,254.00 feet of sewer line utilizing CCTV and a cumulative total of 908,633,.80 feet of sewer line utilizing Smoke Testing in 2016. During the first and second halves of 2016, the Board inspected and maintained 68 known air release valves. In addition, 170 of 172 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, 2016.

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?
2. Do you mow your dikes regularly (at least monthly), to the waters edge?
3. Do you have bushes or trees growing on the dikes or in the ponds?
4. Do you have excess sludge buildup (>1 foot) on the bottom of any of your ponds?
5. Do you exercise all of your valves?
6. Are your control manholes in good structural shape?
7. Do you maintain at least three feet of freeboard in all your ponds?
8. Do you visit your pond system, at least weekly?

<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input type="checkbox"/> No
<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 -
05/10/2017 – The Flow Meters are calibrated
monthly

The most recent calibration of that period -
05/10/2017 – 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

of

Environmental Quality that the following actions were taken by

the

informs Louisiana Department of

(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

**WEST BANK WASTEWATER TREATMENT PLANT MUNICIPAL WATER POLLUTION
PREVENTION ENVIRONMENTAL AUDIT**

WHEREAS, on October 18, 2017, the Board's wastewater operator (Veolia Water North America) completed the Louisiana Municipal Water Pollution Prevention report for the West Bank Wastewater Treatment Plant for the period September 1, 2016 to August 31, 2017; and

WHEREAS, the Board has reviewed the Municipal Water Pollution Prevention Environmental Audit Report, prepared for the Louisiana Department of Environmental Quality, which is attached to this resolution; and

WHEREAS, though no corrective action is needed at this time, the Board will continue to take whatever actions are necessary to maintain permit requirements contained in the Louisiana Water Discharge Permit System (LWPDPS) Number LA0038105.

NOW, THEREFORE BE IT RESOLVED that the Board hereby acknowledges receipt and review of the report and assures performance of any actions necessary to maintain permit requirements.

I, Robert Miller, Interim 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 October 18, 2017.

ROBERT MILLER
INTERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: October 4, 2017

To: Robert Miller, Interim Executive Director

From: Bruce Adams, Deputy Director of Engineering and Construction
Bruce D Adams 10/05/2017

Re: Municipal Water Pollution Prevention Audit (MWPP)
West Bank Wastewater Treatment Plant

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Please place this item on the agenda for the October Board meeting.

Robert Miller
Interim Executive Director
Sewerage and Water Board of New Orleans

LOUISIANA

MUNICIPAL WATER POLLUTION PREVENTION

MWPP



<i>Facility Name:</i>	New Orleans West Bank WWTP
<i>LPDES Permit Number:</i>	LA0038105
<i>Agency Interest (AI) Number:</i>	4688
<i>Address:</i>	3501 Canal Street
	New Orleans, LA 70131
<i>Parish:</i>	Orleans
<i>(Person Completing Form) Name:</i>	Donald Patterson
<i>Title:</i>	Senior Project Manager
<i>Date Completed:</i>	October 3, 2017

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.**
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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-16	9.3	X	292	X 8.34 =	22,648
Oct-16	7.0	X	336	X 8.34 =	19,616
Nov-16	7.8	X	351	X 8.34 =	22,833
Dec-16	10.9	X	457	X 8.34 =	41,544
Jan-17	13.7	X	344	X 8.34 =	39,305
Feb-17	9.6	X	100	X 8.34 =	8,006
Mar-17	9.3	X	95	X 8.34 =	7,368
Apr-17	10	X	99	X 8.34 =	8,257
May-17	13.6	X	70	X 8.34 =	7,940
Jun-17	16.1	X	59	X 8.34 =	7,922
Jul-17	12.7	X	68	X 8.34 =	7,202
Aug-17	16.2	X	58	X 8.34 =	7,836

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

20

X 0.90 =

18

Design BOD, lb/day

14,972

X 0.90 =

13,475

- 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	10	10	10	10	10	10	10	10	points

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

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-16	6	10
Oct-16	7	11
Nov-16	9	11
Dec-16	10	12
Jan-17	10	13
Feb-17	13	11
Mar-17	15	13
Apr-17	13	14
May-17	7	10
Jun-17	7	10
Jul-17	7	9
Aug-17	6	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 0 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 0 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 0 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 0 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. 0 (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:

- 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 :
Arsenic (Total)	5 ug/l	7.1 ug/l	10/10-12/2016
Aluminum	2.5 ug/l	77 ug/l	10/11-12/2016
Copper (Total)	3 ug/l	5.2 ug/l	10/11-12/2016
Mercury (Total)	0.00050 ug/l	0.0108 ug/l	10/11-12/2016
Zinc	20 ug/l	46 ug/l	10/11-12/2016
Arsenic (Total)	5 ug/l	6.2 ug/l	02/06-07/2017
Copper (Total)	3 ug/l	4.3 ug/l	02/06-07/2017
Phenols (Total)	5 ug/l	16 ug/l	02/06-07/2017
Mercury (Total)	0.00050 ug/l	0.0111 ug/l	02/06-07/2017

PART 3: AGE OF THE WASTEWATER TREATMENT FACILITIES

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

$$\begin{array}{rclcl} \text{Current Year} & - & (\text{Answer to A}) & = & \text{Age in years} \\ \underline{2017} & - & \underline{1974} & = & \underline{43} \text{ years} \end{array}$$

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:

$$\text{TOTAL POINT VALUE FOR PART 3} = \frac{2.5}{\text{FACTOR}} \times \frac{43}{\text{AGE}} = \boxed{107.5} \text{ (max. = 50)}$$

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: 5

(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 5 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: 3

(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 2 Treatment Plant 1

- 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 and the treatment plant bypass came from an unused 36 inch ancillary pipe.

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

TOTAL POINT VALUE FOR PART 4 60 (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	<u>>6</u>	months
points	50	30	20	10	<u>0</u>	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	<u>>36</u>	months
points	50	30	20	10	<u>0</u>	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 has 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? _____

By the operator? 100%

Veolia

- 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

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 Inspections: 1,789 feet
 Sewer Line Cleanings: 7,216 feet
 Sewer Repairs: 3
 Sewer Man Hole Inspections 625

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

1,266 Preventative Maintenance Actions
 111 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 dates(s):

Effluent flow meter calibration date(s):

August 17, 2017; calibrated monthly

August 17, 2017; 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>60</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>65</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**175**

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



SEWERAGE AND WATER BOARD OF NEW ORLEANS

October 11, 2017

Strategy Committee
Sewerage and Water Board of New Orleans
New Orleans, Louisiana

Subject: Monthly Human Resources Activity Report for the Period September 1 – September 30, 2017

Dear Directors:

Please find below an account of various Board human resources activities for the period September 1-September 30, 2017. This monthly snapshot is presented to keep you abreast of the progress and challenges related to the Board's ability to hire and retain the best qualified candidates to perform the Board's important work.

Human Resources Activities

Beginning Vacant Positions: 288

Ending Vacant Positions: 297

New Hires: 23

Resignations: 17

Retirement: 0

Retirement Eligible (Not in DROP): 119

DROP Program Participants: 117

- Beginning Balance: 123
- New Member(s): 0
- Member(s) Removed: 6

Promotions: 10

Disciplinary Actions: 24

- Rehabilitations: 0
- Reprimands: 12
- Suspensions: 3
- Terminations: 9

Regards,



Sharon Judkins
Deputy Director-Administration

Attachments:

Monthly Activity Report
Resignation Analysis
Retirement Eligible
DROP Summary

September Monthly Activity Report

DATE	ACTION	JOB TITLE	REASON
New Hires:			
9/11/2017		Administrative and Program Support	
9/11/2017		Emergency Management Service Coordinator	
9/5/2017		Engineer Intern II	
9/11/2017		Laborer	
9/11/2017		Laborer	
9/18/2017		Laborer	
9/18/2017		Laborer	
9/25/2017		Laborer	
9/25/2017		Laborer	
9/25/2017		Laborer	
9/11/2017		Networks Maintenance Technician I	
9/18/2017		Networks Maintenance Technician I	
9/5/2017		Office Assistant Trainee	
9/5/2017		Project Manager Supervisor	
9/18/2017		Senior Special Agent	
9/5/2017		Utilities Plant Worker	
9/5/2017		Utilities Plant Worker	
9/5/2017		Utilities Plant Worker	
9/5/2017		Utilities Plant Worker	
9/5/2017		Utilities Plant Worker	
9/11/2017		Utilities Plant Worker	
9/5/2017		Water Service Inspector I	
9/11/2017		Water Service Inspector I	
Total	23		
Resignations:			
9/8/2017		Laborer	Accepted Employment Outside of Civil Service
9/11/2017		Management Development Specialist II	Accepted Employment Outside of Civil Service
9/22/2017		Networks Maintenance Technician I	Accepted Employment Outside of Civil Service
9/5/2017		Networks Maintenance Technician I	Accepted Employment Outside of Civil Service
9/29/2017		Office Assistant II	Accepted Employment Outside of Civil Service
9/5/2017		Senior City Planner	Accepted Employment Outside of Civil Service
9/5/2017		Utilities Plant Worker	Accepted Employment Outside of Civil Service
9/13/2017		Laborer	Other Reasons
9/1/2017		Office Assistant IV	Other Reasons
9/17/2017		Office Assistant IV	Other Reasons

9/30/2017		Office Assistant IV	Other Reasons
9/1/2017		Utilities Plant Worker	Other Reasons
9/6/2017		Utilities Plant Worker	Other Reasons
9/8/2017		Utilities Plant Worker	Other Reasons
9/21/2017		Engineering Technician	Transferred/Promoted to the City
9/9/2017		Senior City Planner	Transferred/Promoted to the City
9/22/2017		Deputy Director of Continuous Improvement	Unknown
Total	17		
Retirements:			
Total	0		
DROP:			
Started DROP			
Total	0		
Ended DROP			
9/30/2017		Buyer II	
9/1/2017		Field Service Supervisor	
9/30/2017		General Superintendent	
9/22/2017		Networks Senior Maintenance Technician I	
9/8/2017		Networks Zone Manager I	
9/2/2017		Pumping Plant Operator	
Total	6		
Promotions:			
9/14/2017		Administrative Support Supervisor III	
9/14/2017		Administrative Support Supervisor III	
9/4/2017		Automotive Mechanic I	
9/14/2017		Automotive Mechanic I	
9/1/2017		Interim Executive Director	
9/4/2017		Networks Maintenance Technician II	
9/18/2017		Networks Master Maintenance Technician I	
9/4/2017		Networks Senior Maintenance Technician I	
9/11/2017		Office Assistant IV	
9/26/2017		Utilities Master Maintenance Specialist II	
Total	10		
Disciplinary Actions:			
9/22/2017	Reprimand	Safety Engineer	Unsatisfactory Job Performance
9/22/2017	Reprimand	Safety Engineer	Unsatisfactory Job Performance
9/13/2017	Reprimand	Utilities Assistant Maintenance Technician II	Failure to Follow Board Procedure: Speeding In A Board Vehicle

9/1/2017	Reprimand	Utilities Plant Worker	Departmental Policy: Sleeping on the Job
9/22/2017	Reprimand	Utilities Plant Worker	Violation of Attendance Policy
9/14/2017	Reprimand	Utilities Plant Worker II	Violation of Attendance Policy
9/14/2017	Reprimand	Utilities Plant Worker II	Violation of Attendance Policy
9/18/2017	Reprimand	Utilities Plant Worker II	Job Abandonment
9/18/2017	Reprimand	Water Purification Operator	Job Abandonment
9/12/2017	Reprimand	Water Service Inspector I	Unsatisfactory Job Performance
9/21/2017	Reprimand	Water Service Inspector I	Violation of Attendance Policy
9/21/2017	Reprimand	Water Service Inspector I	Violation of Attendance Policy
9/25/2017	Suspension	Chief Accountant	Violation of Policies #6 and #87: Professional Conduct/Harassing Conduct
9/5/2017	Suspension	Water Service Inspector I	Civil Service Rule IX, Section I - Maintaining Standards of Service
9/5/2017	Suspension	Water Service Inspector I	Violation of Attendance Policy
9/8/2017	Termination	Laborer	Job Abandonment
9/11/2017	Termination	Laborer	Violation of Attendance Policy
9/26/2017	Termination	Laborer	Rescinded Offer of Employment Due to Job Abandonment
9/27/2017	Termination	Laborer	Job Abandonment
9/27/2017	Termination	Networks Maintenance Technician I	Job Abandonment
9/8/2017	Termination	Utilities Plant Worker	Job Abandonment
9/12/2017	Termination	Water Service Inspector I	Intentional Falsification of Meter Readings
9/22/2017	Termination	Water Service Inspector I	Intentional Falsification of Meter Readings
9/22/2017	Termination	Water Service Inspector I	Intentional Falsification of Meter Readings
Total	24		

Resignations for September 2017

Date	Reason	Job Title
9/8/2017	Accepted Employment Outside of Civil Service	Laborer
9/11/2017	Accepted Employment Outside of Civil Service	Management Development Specialist II
9/22/2017	Accepted Employment Outside of Civil Service	Networks Maintenance Technician I
9/5/2017	Accepted Employment Outside of Civil Service	Networks Maintenance Technician I
9/29/2017	Accepted Employment Outside of Civil Service	Office Assistant II
9/5/2017	Accepted Employment Outside of Civil Service	Senior City Planner
9/5/2017	Accepted Employment Outside of Civil Service	Utilities Plant Worker
9/13/2017	Other Reasons	Laborer
9/1/2017	Other Reasons	Office Assistant IV
9/17/2017	Other Reasons	Office Assistant IV
9/30/2017	Other Reasons	Office Assistant IV
9/1/2017	Other Reasons	Utilities Plant Worker
9/6/2017	Other Reasons	Utilities Plant Worker
9/8/2017	Other Reasons	Utilities Plant Worker
9/21/2017	Transferred and/or Promoted to the City	Engineering Technician
9/9/2017	Transferred and/or Promoted to the City	Senior City Planner
9/22/2017	Unknown	Deputy Director of Continuous

Reason	# of Resignations	% of Total Resignations
Accepted Employment Outside of City Civil Service	7	41%
Avoided Disciplinary Action		
Continued Education		
Ill Health		
Left City (Relocated)		
Other Reasons	7	41%
Returned to School		
Transferred and/or Promoted to the City	2	12%
Unknown	1	6%
Work-Related (Management)		
Total	17	100%

RETIREMENT ELIGIBLE AS OF SEPTEMBER 30, 2017

Accountant 1	1
Accountant 2	1
Accountant 3	1
Administrative Support Supervisor 1	3
Administrative Support Supervisor 2	1
Administrative Support Supervisor 3	1
Administrative Support Supervisor 4	2
Automotive Maintenance Technician	2
Boiler Plant Operator	1
Buyer 3	1
Chief Accountant	2
Drainage and Sewerage Pumping Supervisor	1
Duplicating Room Supervisor	1
Engineering Specialist	1
Engineering Technician	2
Environmental Enforcement Technician 2	2
Facilities Engineering Specialist	1
Fleet Services Manager	1
Maintenance Engineer	1
Management Development Specialist 2	1
Management Development Supervisor	1
Networks Maintenance Technician 1	2
Networks Maintenance Technician 2	1
Networks Master Maintenance Technician 1	1
Networks Master Maintenance Technician 2	1
Networks Planner/Scheduler	1
Networks Quality Assurance and Safety Inspector	1
Networks Senior Maintenance Technician 1	1
Networks Senior Maintenance Technician 2	4
Networks Zone Manager 1	1
Office Assistant 2	1
Office Assistant 3	1
Office Assistant 4	4
Office Assistant Trainee	1
Office Support Specialist	6
Plumbing Inspection Supervisor Assistant	1
Plumbing Inspector 2	2
Power Dispatcher 2	1
Principal Engineer	1
Principal Office Support Specialist	6
Pumping and Power Plant Operator	6
Pumping Plant Operator	4
Pumping Stations Supervisor Assistant	5
Senior Office Support Specialist	2
Steam Plant Engineer 1	1
Steam Plant Engineer 2	5
Steam Plant Engineer 3	1
Steam Plant Engineer 4	1
Utilities Maintenance Technician 2	3
Utilities Master Maintenance Specialist 2	1
Utilities Master Maintenance Supervisor	2
Utilities Plant Worker	1
Utilities Senior Services Administrator	1
Utilities Senior Services Manager	3
Utilities Services Administrator	3
Utilities Services Manager	2
Utility Meter Services Supervisor Assistant	1
Warehouse & Supplies Manager	1
Water Chemist 3	1
Water Purification Operator 1	2
Water Purification Operator 2	5
Water Purification Operator 3	2
Water Service Inspector 2	1

TOTAL: 119

DROP SUMMARY REPORT

TITLE	START	END	TIME REMAINING (yrs)	AVG TIME REMAINING (YRS)	TOTAL EMPLOYEES ON DROP
				2.94	117
NET SENIOR MAINTENANCE TECH 2	10/7/2012	10/7/2017	0.10		
WAREHOUSE & SUPPLIES MGR	1/3/2013	1/3/2018	0.34		
NET SENIOR MAINTENANCE TECH 2	3/1/2013	3/1/2018	0.50		
EQUIPMENT OPERATOR 3	3/1/2013	3/1/2018	0.50		
PUMPING STATIONS SUPV ASST	3/1/2013	3/1/2018	0.50		
UTIL MAINT MASTER SPECIALIST 2	4/1/2013	4/1/2018	0.58		
OFFICE SUPPORT SPECIALIST	5/1/2013	5/1/2018	0.67		
OFFICE SUPPORT SPECIALIST	5/1/2013	5/1/2018	0.67		
NET SENIOR MAINTENANCE TECH 2	5/31/2013	5/31/2018	0.75		
DEPUTY SPECIAL COUNSEL	6/1/2013	6/1/2018	0.75		
NET MASTER MAINTENANCE TECH 2	6/1/2013	6/1/2018	0.75		
OFFICE ASSISTANT 3	6/3/2013	6/3/2018	0.76		
PUMPING STATIONS SUPV	7/31/2013	7/31/2018	0.92		
OFFICE ASSISTANT 3	8/1/2013	8/1/2018	0.92		
OFFICE ASSISTANT 3	8/1/2013	8/1/2018	0.92		
NET MASTER MAINTENANCE TECH 2	8/12/2013	8/12/2018	0.95		
Employees within 1 year:				16	
ENGINEERING SPECIALIST	10/1/2013	10/1/2018	1.08		
NET QUALITY ASSUR & SFTY INSPC	11/1/2013	11/1/2018	1.17		
FLEET SERVICES SUPERVISOR	11/1/2013	11/1/2018	1.17		
MANAGEMNT DEVELOPMNT SPECLST 2	12/1/2013	12/1/2018	1.25		
STEAM PLANT ENGINEER 2	12/2/2013	12/2/2018	1.25		
UTIL MAINT MASTER SUPERVISOR	1/3/2014	1/3/2019	1.34		
LEGAL ADMINISTRATIVE ASSISTANT	1/3/2014	1/3/2019	1.34		
PUBLIC WORKS MAINTENANCE SUPT	1/3/2014	1/3/2019	1.34		
NETWORKS MAINTENANCE TECH 2	1/27/2014	1/27/2019	1.41		
WATER PURIFICATION OPERATOR 2	2/1/2014	2/1/2019	1.42		
PUMPING AND POWER PLANT OPR	2/1/2014	2/1/2019	1.42		
NET MASTER MAINTENANCE TECH 2	2/13/2014	2/13/2019	1.45		
PUMPING AND POWER PLANT OPR	3/1/2014	3/1/2019	1.50		
PUMPING STATIONS SUPV ASST	3/1/2014	3/1/2019	1.50		
WATER PURIFICATION OPERATOR 3	6/4/2014	6/4/2019	1.76		
EQUIPMENT OPERATOR 2	9/1/2014	9/1/2019	2.00		
Employees within 2 years:				16	

DROP SUMMARY REPORT

OFFICE ASSISTANT 3	10/1/2014	10/1/2019	2.08
NETWORKS MAINTENANCE TECH 1	10/30/2014	10/30/2019	2.16
NET SENIOR MAINTENANCE TECH 1	10/31/2014	10/31/2019	2.17
UTILITY SENIOR SERVICES MGR	10/31/2014	10/31/2019	2.17
MANAGEMNT DEVELOPMNT SPECLST 2	11/1/2014	11/1/2019	2.17
PUMPING PLANT OPERATOR	11/1/2014	11/1/2019	2.17
WATER PURIFICATION OPERATOR 1	11/20/2014	11/20/2019	2.22
AUTOMOTIVE MAINT. TECHNICIAN	12/1/2014	12/1/2019	2.25
ADMIN. SUPPORT SUPERVISOR 3	12/15/2014	12/15/2019	2.29
NET SENIOR MAINTENANCE TECH 2	12/19/2014	12/19/2019	2.30
PUMPING STATIONS SUPV ASST	12/31/2014	12/31/2019	2.33
NET MASTER MAINTENANCE TECH 1	12/31/2014	12/31/2019	2.33
STEAM PLANT ENGINEER 2	1/24/2015	1/24/2020	2.40
PUMPING STATIONS SUPV ASST	2/1/2015	2/1/2020	2.42
UTILITY SERVICES ADMINISTRATOR	3/1/2015	3/1/2020	2.50
FIELD SERVICE SUPERVISOR	3/15/2015	3/15/2020	2.54
OFFICE SUPPORT SPECIALIST	3/28/2015	3/28/2020	2.58
STEAM PLANT ENGINEER 1	3/31/2015	3/31/2020	2.58
PUMPING AND POWER PLANT OPR	8/1/2015	8/1/2020	2.92
FLEET SERVICES MANAGER	8/7/2015	8/7/2020	2.94
Employees within 3 years:			20
STEAM PLANT ENGINEER 4	9/22/2015	9/22/2020	3.06
POWER DISPATCHER 4	9/22/2015	9/22/2020	3.06
FIELD SERVICE SUPERVISOR	10/1/2015	10/1/2020	3.09
NET SENIOR MAINTENANCE TECH 1	11/1/2015	11/1/2020	3.17
FIELD SERVICE SUPERVISOR	11/1/2015	11/1/2020	3.17
NET SENIOR MAINTENANCE TECH 1	11/1/2015	11/1/2020	3.17
ADMIN. SUPPORT SUPERVISOR 3	11/26/2015	11/26/2020	3.24
CHIEF ACCOUNTANT	11/28/2015	11/28/2020	3.25
PUBLIC WORKS SUPERVISOR 2	12/2/2015	12/2/2020	3.26
NET SENIOR MAINTENANCE TECH 2	12/30/2015	12/30/2020	3.33
NET MASTER MAINTENANCE TECH 1	12/30/2015	12/30/2020	3.33
PRIN OFFICE SUPPORT SPECIALIST	1/1/2016	1/1/2021	3.34
AUTOMOTIVE SERVICES SUPERVISOR	1/8/2016	1/8/2021	3.36
UTIL MAINT MASTER SUPERVISOR	1/8/2016	1/8/2021	3.36
UTIL MAINT MASTER SUPERVISOR	1/8/2016	1/8/2021	3.36
UTIL MAINT MASTER SUPERVISOR	1/11/2016	1/11/2021	3.37
NET SENIOR MAINTENANCE TECH 1	2/1/2016	2/1/2021	3.42
NET SENIOR MAINTENANCE TECH 2	2/29/2016	3/1/2021	3.50
NET MASTER MAINTENANCE TECH 1	4/1/2016	4/1/2021	3.59
POWER DISPATCHER 3	4/1/2016	4/1/2021	3.59
OFFICE ASSISTANT 4	4/1/2016	4/1/2021	3.59
PUBLIC WORKS MAINTENANCE WKR 1	6/1/2016	6/1/2021	3.75
NET SENIOR MAINTENANCE TECH 2	6/1/2016	6/1/2021	3.75
PUBLIC WORKS MAINTENANCE WKR 1	6/4/2016	6/4/2021	3.76
LABORATORY TECHNICIAN 3	7/1/2016	7/1/2021	3.84
PUMPING STATIONS SUPV	8/1/2016	8/1/2021	3.92
PUMPING AND POWER PLANT OPR	8/1/2016	8/1/2021	3.92
Employees within 4 years:			27

DROP SUMMARY REPORT

UTILITY SERVICES ADMINISTRATOR	9/1/2016	9/1/2021	4.01
FACILITIES ENGINEERING SPCL	9/7/2016	9/7/2021	4.02
ADMIN. SUPPORT SUPERVISOR 4	10/8/2016	10/8/2021	4.11
PUMPING PLANT OPERATOR	11/1/2016	11/1/2021	4.17
NET SENIOR MAINTENANCE TECH 1	11/1/2016	11/1/2021	4.17
PUBLIC WORKS MAINTENANCE WKR 2	11/1/2016	11/1/2021	4.17
ENGINEER INTERN 2	12/1/2016	12/1/2021	4.25
SR. OFFICE SUPPORT SPECIALIST	12/1/2016	12/1/2021	4.25
OFFICE SUPPORT SPECIALIST	12/1/2016	12/1/2021	4.25
NET MASTER MAINTENANCE TECH 1	12/28/2016	12/28/2021	4.33
PUMPING AND POWER PLANT OPR	12/31/2016	12/31/2021	4.34
SR. OFFICE SUPPORT SPECIALIST	1/2/2017	1/2/2022	4.34
WATER PURIFICATION OPERATOR 4	1/2/2017	1/2/2022	4.34
PUMPING AND POWER PLANT OPR	1/3/2017	1/3/2022	4.35
WATER PURIFICATION OPERATOR 2	1/5/2017	1/5/2022	4.35
POWER DISPATCHER 2	1/8/2017	1/8/2022	4.36
FIELD SERVICE SUPERVISOR	2/13/2017	2/13/2022	4.46
ADMIN. SUPPORT SUPERVISOR 1	2/28/2017	2/28/2022	4.50
AUTOMOTIVE SECTION SUPERVISOR	3/1/2017	3/1/2022	4.50
ADMIN. SUPPORT SUPERVISOR 3	3/1/2017	3/1/2022	4.50
OFFICE ASSISTANT 2	4/1/2017	4/1/2022	4.59
ENGINEER	4/1/2017	4/1/2022	4.59
SPECIAL COUNSEL SWB	4/1/2017	4/1/2022	4.59
NETWORKS MAINTENANCE TECH 2	4/1/2017	4/1/2022	4.59
ADMIN. SUPPORT SUPERVISOR 3	4/1/2017	4/1/2022	4.59
NETWORKS ZONE MANAGER 1	4/13/2017	4/13/2022	4.62
NET MASTER MAINTENANCE TECH 1	5/1/2017	5/1/2022	4.67
STEAM PLANT ENGINEER 1	6/1/2017	6/1/2022	4.75
NET SENIOR MAINTENANCE TECH 1	6/1/2017	6/1/2022	4.75
NETWORKS MAINTENANCE TECH 2	6/1/2017	6/1/2022	4.75
ENGINEER INTERN 2	6/20/2017	6/20/2022	4.81
ATTORNEY 4	6/26/2017	6/26/2022	4.82
NETWORKS MAINTENANCE TECH 2	7/1/2017	7/1/2022	4.84
NET SENIOR MAINTENANCE TECH 2	7/1/2017	7/1/2022	4.84
PUBLIC WORKS SUPERVISOR 4	7/1/2017	7/1/2022	4.84
MATERIAL AND STORES SUPV	7/3/2017	7/3/2022	4.84
ENGINEERING DIVISION MANAGER	8/1/2017	8/1/2022	4.92
PUMPING AND POWER PLANT OPR	8/1/2017	8/1/2022	4.92

Employees within 5 years: 38

DROP SUMMARY REPORT

SEPTEMBER SUMMARY

TITLE	EFFECTIVE DATE	ACTION
FIELD SERVICE SUPERVISOR	9/1/2017	DELETION
PUMPING PLANT OPERATOR	9/2/2017	DELETION
NETWORKS ZONE MANAGER 1	9/8/2017	DELETION
NET SENIOR MAINTENANCE TECH 1	9/22/2017	DELETION
BUYER 2	9/30/2017	DELETION
GEN SUPT SWB	9/30/2017	DELETION

Month	Year	New Hires	Resignations	Terminations	Ended DROP	Retirement
June	2016	10	15	5	1	2
July	2016	15	7	1	0	3
August	2016	16	8	5	2	1
September	2016	2	5	1	3	0
October	2016	19	14	0	5	0
November	2016	33	5	3	2	1
December	2016	41	2	3	4	1
January	2017	24	6	7	0	3
February	2017	14	8	2	4	1
March	2017	31	8	12	1	0
April	2017	31	6	5	7	3
May	2017	27	13	7	6	2
June	2017	22	6	9	5	0
July	2017	31	8	5	0	1
August	2017	27	12	10	1	2
September	2017	23	17	9	6	0
Totals		366	140	84	47	20

366 New Hires

79.5% Left (291 Employees)

Month/Year	City-Wide	SWB	Direct Hire	Unclassified	Total Positions
June 2016	2	1	7	0	10
July 2016	3	4	8	0	15
August 2016	5	3	8	0	16
September 2016	0	0	2	0	2
October 2016	1	5	12	1	19
November 2016	8	13	11	1	33
December 2016	6	17	18	0	41
January 2017	5	13	4	2	24
February 2017	8	1	4	1	14
March 2017	3	19	8	1	31
April 2017	6	17	7	1	31
May 2017	3	12	7	5	27
June 2017	2	2	12	6	22
July 2017	10	4	13	4	31
August 2017	5	13	4	5	27
September 2017	3	10	8	2	23
Total Hires	70	134	133	29	366

City-Wide	19%
SWB	37%
Direct Hire	36%
Unclassified	8%

Position Type	Number of Positions	Percentage
Administrative/Professional:	101	28%
Operational/Technical:	265	72%
Total Hires:	366	100%

Administrative/Professional	
Position	Number of Positions
Accountant I	2
Administrative and Program Support (U)	1
Attorney I	1
Attorney IV	2
Chief Investment Officer (U)	1
Cost Control Analyst (U)	1
Deputy Program Administrator (U)	1
Document Control Lead (U)	1
Document Control Manager (U)	3
Executive Secretary	3
Federal Grants Manager (U)	1
Financial Analyst/Fiscal Manager (U)	1
GIS Specialist (U)	2
Management Development Analyst I	11
Management Development Analyst II	1
Management Development Specialist I	1
Management Development Specialist II	3
Office Assistant II	26
Office Assistant Trainee	18
Office Support Specialist	2
Program Administrator (U)	1
Program Analyst (U)	2
Project Manager (U)	1
Project Scheduler (U)	1
Purchasing Agent (U)	1
Reconciliation and Closeout Specialist (U)	3
Reporting Analyst (U)	1
Senior Office Support Specialist	1
Senior Quality Assurance Control Manager (U)	1
Senior Specialist Agent	2
Utility Services Manager	5

Operational/Technical	
Construction Project Manager (U)	3
Emergency Management Services Coordinator	4
Engineering Assistant I	1

Engineering Intern I	1
Engineering Intern II	4
Engineering Technician	1
Environmental Enforcement Technician I	6
Equipment Operator II	1
Laborer	115
Material and Store Supervisor	2
Networks Maintenance Technician I	9
Plant Engineer	1
Project Manager Supervisor (U)	1
Senior Construction Project Manager (U)	1
Senior Project Manager (U)	1
Utilities Maintenance Trainee II	7
Utilities Master Maintenance Specialist I	2
Utilities Plant Worker	82
Utilities Senior Services Manager	1
Water Purification Operator II	1
Water Service Inspector I	21



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: October 6, 2017

From: Willie Mingo, Director of Procurement
Purchasing Department

Thru: Vicki Rivers, Deputy Director
Sewerage and Water Board New Orleans - Logistics

To: Sharon Judkins, Deputy Director
Sewerage and Water Board New Orleans- Administration

Re: **Executive Director's Approval of Contracts of \$1,000,000.00 or less**

1. MST Enterprises
82 Coronado Ave, Kenner, LA 70064
 - Furnishing Limestone
 - Start date 11/1/17 thru 10/31/18 first and final renewal
 - \$82,850.60 annually
2. Lotus Insurance
1615 Poydras St. Suite 927, New Orleans, LA 70122
 - Professional Claims Services for Personal Automotive and Homeowners Property Damage Claims for August 5, 2017 Flood in New Orleans, LA
 - Start date 10/2/17 thru 10/1/18 with (5) 1-year renewals
 - Not to exceed \$90,000.00 annually
3. Aaron and Gianna
210 St. Charles Ave., Suite 3800, New Orleans, LA 70170
 - Outside Counsel to provide advice counsel and representation of the Board in the area of municipal representation
 - Start date 9/25/17 thru 9/24/18 with (5) 1-year renewals
 - Not to exceed \$50,000 annually

- Upon request, complete contract available for review in Procurement office.

Hurricane Katrina	# of PWs	Obligations	FEMA Revenue Received	% Financially Complete	Total # PWs Submitted for Closeout	Total \$ Value Submitted for Closeout	# PWs Officially Closed	% Submitted	% Closed	# PWs Submitted but Not Closed	Total \$ Value Submitted but Not Closed
St. Joseph Headquarters	20	\$ 1,419,212.36	\$ 549,146.47	39%	19	\$ 1,030,774.25	13	95%	65%	6	\$ 654,667.10
Central Yard	42	\$ 28,849,237.60	\$ 22,203,137.57	77%	28	\$ 7,270,849.57	20	67%	48%	8	\$ 600,642.82
Wastewater Treatment Plant	128	\$ 90,721,028.97	\$ 75,453,001.24	83%	127	\$ 84,856,520.97	121	99%	95%	6	\$ 37,755,947.72
Carrollton Water Plant	55	\$ 74,668,325.39	\$ 59,647,666.45	80%	49	\$ 11,370,969.55	39	89%	71%	10	\$ 8,669,906.71
Distribution Network	82	\$ 525,597,609.71	\$ 182,677,348.20	35%	15	\$ 29,979,400.87	11	18%	13%	4	\$ 15,765,430.86
Pump Stations	166	\$ 81,967,229.47	\$ 67,019,738.38	82%	145	\$ 59,076,708.02	127	87%	77%	18	\$ 19,838,153.40
Total	493	\$ 803,222,643.50	\$ 407,550,038.31	51%	383	\$ 193,585,223.23	331	78%	67%	52	\$ 83,284,748.61

Hurricane Gustav	# of PWs	Obligations	FEMA Revenue Received	% Financially Complete	Total # PWs Submitted for Closeout	Total \$ Value Submitted for Closeout	# PWs Officially Closed	% Submitted	% Closed	# PWs Submitted but Not Closed	Total \$ Value Submitted but Not Closed
Total	9	\$ 673,838.62	\$ 668,689.06	99%	9	\$ 673,838.62	7	100%	78%	2	\$ 265,537.84

Hurricane Isaac	# of PWs	Obligations	FEMA Revenue Received	% Financially Complete	Total # PWs Submitted for Closeout	Total \$ Value Submitted for Closeout	# PWs Officially Closed	% Submitted	% Closed	# PWs Submitted but Not Closed	Total \$ Value Submitted but Not Closed
Total	8	\$ 1,554,775.01	\$ 955,019.44	61%	1	\$ 4,540.20	1	13%	13%	0	\$ -

Hurricane Katrina Hazard Mitigation	HMGP No.	# of Projects	Obligations	FEMA Revenue Received	% Financially Complete	% Financially Complete	Total # PWs Submitted for Closeout	Total \$ Value Submitted for Closeout	# PWs Officially Closed	% Submitted	% Closed	# PWs Submitted but Not Closed	Total \$ Value Submitted but Not Closed
Retrofit of Power House	39	9	\$ 91,510,697.00	\$ 46,169,150.36	49%								
Flood Mitigation of 9 SPS	6	9	\$ 19,987,722.00	\$ 15,028,080.21	63%								
Total		18	\$ 111,498,419.00	\$ 59,445,458.36	52%								

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

October 18, 2017

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

The following report for the month of **September** presented herewith:

Contract 1345 – Industrial & Mechanical Contractors, Inc. – Replacement of Filter Backwash Equipment at the Main Water Purification Plant. This work is 100% complete. (CP Item 110).

Contract 1350 – Industrial & Mechanical Contractors, Inc. – Katrina related repairs to Stream Turbine No. 4 & Auxiliaries at the Main Water Purification Plant Power Complex. This work is approximately 98% complete. (CP Item 175).

Contract 1351 – Lou-Con, Inc. – Repairs to A & B Pumps & Auxiliaries at the Main Water Purification Plant. This work is 100% complete. (CP Item 175).

Contract 1352 – Industrial & Mechanical Contractors, Inc. – Katrina related replacement of Pump Package at the Main Water Purification Power Plant Complex. This work is 100% complete. (CP Item 175).

Contract 1378 – Plant-N-Power Services, LLP – Hurricane Katrina related repairs to Boilers/Duct/Elevator at the Main Water Purification Plant Power Complex. This work is approximately 94% complete. (CP Item 175).

Contract 1381 – Lou-Con, Inc. – Purchase & Installation of Compressor, Tank & Dryer in Sycamore Filter Gallery at the Main Water Purification Plant. This work is approximately 94% complete. (CP Item 110).

Contract 1382 – Lou-Con, Inc. – Replacement of Media Filters 1A, 1B, 5A & 5B at the Claiborne Filter Gallery at the Main Water Purification Plant. This work is 100% complete. (CP Item 110).

Contract 1387 – New Orleans Metalworks, Inc. – Painting & Repairs of Four (4) Million Gallon Water Storage Tanks at the Main Water Purification Plant. This work is approximately 94% complete. (CP Item 110).

Contract 1395 – Burk-Kleinpeter Construction, Inc. – Water Hammer Hazard Mitigation – Elevated Storage Tanks. This work is approximately 38% complete. (CP Item 175).

Contract 2105 – Boh Brothers Construction Co., LLC – Replacement of Water Lines damaged by Hurricane Katrina within various roadways in different neighborhoods throughout the City of New Orleans. This work is approximately 95% complete. (CP Item 175).

Contract 2111 – Wallace C. Drennan, Inc. – Water Main Point Repair, Water Service Connection, Water Valve & Fire Hydrant Replacement at Various Sites throughout Orleans Parish. This work is 100% complete. (CP Item 175).

Contract 2123 – Wallace C. Drennan, Inc. – Waterline Replacement & Extensions. This work is approximately 94% complete. (CP Item 214).

Contract 3663 – Lou-Con, Inc. – Hurricane Katrina 404 Hazard Mitigation Grant Program Replacement of Bullard Sewage Pumping Station. This work is 100% complete. (CP Item 340).

Contract 3664 – Hard Rock Construction, Inc. – Replacement of Sewage Pumping Station #8. This work is approximately 24% complete. (CP Item 340).

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

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

Contract 3669 – Industrial & Mechanical Contractors, Inc. – Hurricane Katrina 404 Hazard Mitigation Grant Program Replacement of Lawrence Sewage Pumping Station #6. This work is 100% complete. (CP Item 340).

Contract 3670 – Lou-Con, Inc. – Hurricane Katrina 404 Hazard Mitigation Grant Program Replacement of Lawrence Sewage Pumping Station. This work is 100% complete. (CP Item 340).

Contract 3675 – F.H. Paschen, S.N. Nielsen & Associates LLC - Katrina related replacement of the Administration Building at the East Bank Waste Water Treatment Plant. This work is 100% complete. (CP Item 375).

Contract 3737 – Wallace C. Drennan, Inc. – Carrollton Area Sewer Rehabilitation Project Mistletoe St., 18-Inch Sewer Line Replacement SSERP. This work is 100% complete. (CP Item 317).

Contract 3796 – Industrial & Mechanical Contractors, Inc. – Replacement of Pumps at the Boulevard “X” Sewage Pumping Station. This work is approximately 99% complete. (CP Item 311).

Contract 3986 – BLD Services, LLC – Ninth Ward Area Sewer Rehabilitation-Sewer Rehabilitation No. 5. This work is 100% complete. (CP Item 317).

Contract 5203 – F.H. Paschen, S.N. Nielsen & Associates LLC - DPS No. 14 Trash Screen & Cleaner Replacement. This work is 100% complete. (CP Item 511).

Contract 6254 – Walter J. Barnes Electric Co., Inc. – Hurricane Katrina related repairs to Central Yard Garage #2/Electrical & Main Power Room. This work is 95% complete. (CP Item 676).

Contract 6259 – Industrial & Mechanical Contractors, Inc. – Installation of Permanent Generator at 5 Underpass Stations. This work is approximately 2% complete. (CP Item 575).

Contract 8132 – Industrial & Mechanical Contractors, Inc. - Hurricane Katrina related repairs to Central Yard Garage #1/Generator & Power Room. This work is 100% complete. (CP Item 175).

Contract 8139 – W.L. Wymann Construction Co., Inc. – Re-bid to replace the Central Yard Annex Building damaged during Hurricane Katrina. This work is 100% complete. (CP Item 175).

Contract 8143 – Hamp's Construction – Hurricane Katrina related repairs to Central Yard Garage #2/Building & Roof. This work is 100% complete. (CP Item 175).

Contract 8144 – Wallace C. Drennan, Inc. – Repaving of Open Cuts in Streets, Driveways, & Sidewalks resulting from the repair to the Sewerage & Water Board of New Orleans Underground Utilities. This work is approximately 89% complete. (CP Item 880).

Contract 30002 – BLD Services, Inc. – Restoration of existing Gravity Sewer Mains damaged by Hurricane Katrina by excavation & replacement from Manhole to Manhole, CIPP Lining from Manhole to Manhole & Point Repairs at various sites throughout Orleans Parish. This work is approximately 99% complete. (CP Item 375).

Contract 30003 – BLD Services, Inc. – Restoration of existing Gravity Sewer Mains damaged by Hurricane Katrina by excavation & replacement from Manhole to Manhole, CIPP Lining from Manhole to Manhole & Point Repairs at various sites throughout Orleans Parish. This work is 100% complete. (CP Item 375).

Contract 30004 – Fleming Construction Co., LLC – Restoration of existing Gravity Sewer Mains damaged by Hurricane Katrina by excavation & replacement from Manhole to Manhole, CIPP Lining from Manhole to Manhole & Point Repairs at various sites throughout Orleans Parish. This work is 100% complete. (CP Item 375).

Contract 30006 – Boh Brothers Construction Co., LLC – Restoration of existing Gravity Sewer Mains damaged by Hurricane Katrina by excavation & replacement from Manhole to Manhole, CIPP Lining from Manhole to Manhole & Point Repairs at various sites throughout Orleans Parish. This work is approximately 99% complete. (CP Item 375).

Contract 30009 – Wallace C. Drennan, Inc. – Restoration of existing Gravity Sewer Mains damaged by Hurricane Katrina by excavation & replacement from Manhole to Manhole, CIPP Lining from Manhole to Manhole & Point Repairs at various sites throughout Orleans Parish. This work is 100% complete. (CP Item 375).

Contract 30014 – CES – Cleaning & CCTV Inspection. This work is approximately 95% complete. (CP Item 375).

Contract 30015 – Wallace C. Drennan, Inc. – Restoration of existing Gravity Sewer Mains by Point Repair & CIPP Lining of Sewer Mains. This work is approximately 100% complete. (CP Item 375).

Contract 30016 – Wallace C. Drennan, Inc. - Manhole to Manhole & Sewer Point Repair. This work is approximately 100% complete. (CP Item 375).

Contract 30103 – Fleming Construction Co., Inc. – Installation of EDC at various Sewer Pumping Stations. This work is approximately 2% complete. (CP Item 326).

Contract 30203 – Wallace C. Drennan, Inc. – Sewer Point Repairs. This work is approximately 53% complete. (O & M Item).

Contract 30204 – Wallace C. Drennan, Inc. – Manhole to Manhole & Sewer Point Repair. This work is approximately 41% complete. (CP Item 318).

Contract 30205 – Wallace C. Drennan, Inc. – New Orleans East Basin, Plum Orchard Sewer Rehabilitation. This work is approximately 85% complete. (CP Item 317/375).

Contract 30206 – Fleming Construction Co., Inc. – New Orleans East Basin, W. Lake Forest & Read Blvd. West Sewer Rehabilitation. This work is approximately 94% complete. (CP Item 317/375).

Contract 30207 – BLD Services, Inc. – New Orleans East Read East & West Viavant. This work is approximately 55% complete. (CP Item 317).

Contract 30208 – Fleming Construction Co., Inc. – New Orleans East De'Lest & Venetian Isles. This work is approximately 45% complete. (CP Item 317).

PLUMBING DEPARTMENT

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

There were 354 Plumbing, and 88 Backflow permits issued during the month of **September**. This department complied with 698 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>July</u>	<u>Aug</u>	<u>2017 Sep</u>	<u>2016 Sep</u>	<u>YTD 2017</u>
Plumbing Permits Issued	260	297	266	277	
Backflow Permits Issued	050	111	088	114	
	410	408	354	391	3255
Inspections Conducted					
Water	409	489	514	380	
Special	072	078	027	180	
Final	194	180	157	196	
Totals	675	747	698	756	6077

RAINFALL FOR SEPTEMBER 2017

The rainfall for the month of **September** was **1.47"**, compared to the 124-year average of **5.55"** for the month of **September**. The cumulative rainfall through the ninth month of the year was **60.66"** compared to the 124-year average of **47.62"**.

AVERAGE DAILY PUMPAGE FOR THE MONTH OF SEPTEMBER

New Orleans Side
Algiers Side

109.724 Million Gallons Per Day
10.15 Million Gallons Per Day

Respectfully submitted,



10/12/2017

BRUCE ADAMS
DEPUTY GENERAL SUPERINTENDENT

BA/zfg
GENSUP%10-18-17

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

October 18, 2017

**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 **September 2017**.

FURNISHING CONTRACTS EXECUTED:

**CIMSCO INC. – Contract for Furnishing R.D. Wood
Gate Valve Parts - \$93,900.00**

CIVIL SUITS FILED AGAINST BOARD:

New:

LEWERENCE JONES V. SEWERAGE & WATER BOARD OF NEW ORLEANS, No. 2:17-cv-08076, United States District Court. In this case, plaintiff sued seeking judgment in connection with alleged violations of the Americans With Disabilities Act.

Respectfully submitted,



**NOLAN P. LAMBERT
SPECIAL COUNSEL**

NPL:mkt

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SEWERAGE AND WATER BOARD OF NEW ORLEANS

October 13, 2017

Finance and Administration Committee
Sewerage and Water Board of New Orleans
New Orleans, Louisiana

Re: Financial Results through August 2017

Attached are the *Statement of Revenues, Expenses, and Changes in Net Position* with budget and prior year comparisons for the water, sewer, drainage and total systems through August 2017. The Variance Indicators for Financial Results through August 2017 is also attached. The *Statement of Net Assets* and the *Statement of Cash Flows* will be provided after the completion of the 2016 audit.

Operating Revenues:

Water System Fund (pages 7 and 8, line 5) for August of \$7,515,102 is \$1,306,409 or 14.8% less than budgeted and \$346,069 or 4.8% more than August 2016. August YTD operating revenues of \$60,158,389 is \$5,160,439 or 7.9% less than budgeted and \$2,848,215 or 5.0% more than August YTD 2016.

Sewer System Fund (pages 13 and 14, line 5) for August of \$8,741,866 is \$1,467,921 or 14.4% less than budgeted and \$68,876 or 0.8% more than August 2016. August YTD operating revenues of \$71,934,610 is \$3,663,696 or 4.8% less than budgeted and \$2,020,815 or 2.9% more than August YTD 2016.

Drainage System Fund (pages 19 and 20, line 5) for August of \$4,723 is \$4,723 or 0.0% budgeted and \$2,327 or 97.1% more than for August 2016. August YTD operating revenues of \$25,767 is \$25,767 or 0.0% budgeted and \$14,129 or 35.4% less than August YTD 2016.

Total System Funds (pages 1 and 2, line 5) for August of \$16,261,691 are \$2,769,606 or 14.6% less than budgeted and \$417,273 or 2.6% more than August 2016. August YTD operating revenues of \$132,118,765 are \$8,798,368 or 6.2% less than budgeted and \$4,854,901 or 3.8% more than August YTD 2016.

Operating Expenses:

Water System Fund (pages 7 and 8, line 18) for August of \$7,248,888 is \$103,401 or 1.4% more than budgeted and \$664,093 or 8.4% less than August 2016. August YTD operating expenses of \$55,317,791 is \$1,946,471 or 3.4% less than budgeted and \$6,429,414 or 10.4% less than August YTD 2016.

Sewer System Fund (pages 13 and 14, line 18) for August of \$7,173,038 is \$1,160,417 or 13.9% less than budgeted and \$1,243,710 or 21.0% more than August 2016. August YTD operating expenses of \$52,385,324 is \$14,032,365 or 21.1% less than budgeted and \$5,221,650 or 11.1% more than August YTD 2016.

Drainage System Fund (pages 19 and 20, line 18) for August of \$4,897,025 is \$236,557 or 4.6% less than budgeted and \$466,444 or 10.5% more than August 2016. August YTD operating expenses of \$36,349,275 is \$4,089,644 or 10.1% less than budgeted and \$3,702,300 or 11.3% more than August YTD 2016.

Total System Funds (pages 1 and 2, line 18) for August of \$19,318,951 are \$1,293,573 or 6.3% less than budgeted and \$1,046,061 or 5.7% more than August 2016. August YTD operating expenses of \$144,052,390 is \$20,068,480 or 12.2% less than budgeted and \$2,494,536 or 1.8% more than August



SEWERAGE AND WATER BOARD OF NEW ORLEANS

YTD 2016.

Net Non-Operating Revenues:

Water System Fund (pages 7 and 8, line 28) for August of \$169,155 is \$128,188 or 312.9% more than budgeted and \$69,672 or 70.0% more than August 2016. August YTD net non-operating revenues of \$716,377 are \$1,894,609 or 72.6% less than budgeted and \$120,232 or 14.4% less than August YTD 2016.

Sewer System Fund (pages 13 and 14, line 28) for August of \$66,193 is \$47,624 or 256.5% more than budgeted and \$28,569 or 75.9% more than August 2016. August YTD net non-operating revenues of \$529,297 are \$654,160 or 55.3% less than budgeted and \$71,122 or 11.8% less than August YTD 2016.

Drainage System Fund (pages 19 and 20, line 28) for August of \$13,614,461 is \$12,786,746 or 1544.8% more than budgeted and \$11,519,971 or 550.0% more August 2016. August YTD net non-operating revenues of \$52,659,122 are \$93,949 or 0.2% less than budgeted and \$716,015 or 1.3% less than August YTD 2016.

Total System Funds (pages 1 and 2, line 28) for August of \$13,849,809 is \$12,962,558 or 1461.0% more than budgeted and \$11,618,213 or 520.6% more than August 2016. August YTD net non-operating revenues of \$53,904,797 are \$2,642,718 or 4.7% less than budgeted and \$907,369 or 1.7% less than August YTD 2016.

Income Before Contributions in Aid of Construction:

Water System Fund (pages 7 and 8, line 29) for August of \$435,370 is \$1,281,621 or 74.6% less than budgeted and \$1,079,834 or 167.6% more than August 2016. August YTD income before capital contributions of \$5,556,975 is \$5,108,577 or 47.9% less than budgeted and \$9,157,397 or 254.3% more than August YTD 2016.

Sewer System Fund (pages 13 and 14, line 29) for August of \$1,635,020 is \$259,880 or 13.7% less than budgeted and \$1,146,264 or 41.2% less than August 2016. August YTD income before capital contributions of \$20,078,582 is \$9,714,509 or 93.7% more than budgeted and \$3,271,958 or 14.0% less than August YTD 2016.

Drainage System Fund (pages 19 and 20, line 29) for August of \$8,722,159 is \$13,028,026 or 302.6% more than budgeted and \$11,055,855 or 473.7% more than August 2016. August YTD income before capital contributions of \$16,335,614 is \$4,021,462 or 32.7% more than budgeted and \$4,432,444 or 21.3% less than August YTD 2016.

Total System Funds (pages 1 and 2, line 29) for August of \$10,792,549 is \$11,486,524 or 1655.2% more than budgeted and \$10,989,424 or 5581.9% more than August 2016. August YTD income before capital contributions of \$41,971,171 is \$8,627,394 or 25.9% more than budgeted and \$1,452,996 or 3.6% more than August YTD 2016.



SEWERAGE AND WATER BOARD OF NEW ORLEANS

The balances of funds from the Series 2014 bond proceeds available for capital construction as of August 31, 2017 are:

	Water	Sewer	Total
Original Balance	\$1,504,703.90	20,925.60	\$1,525,629.50
Less Disbursements	550,075.53	-	550,075.53
Plus Reimbursements	-	-	0.00
Plus Income	1,443.86	-	1,443.86
Ending Balance	\$2,056,223.29	20,925.60	\$2,077,148.89

The balances of funds from the Series 2015 bond proceeds available for capital construction as of August 31, 2017 are:

	Water	Sewer	Total
Original Balance	\$76,698,285.50	\$28,852,960.96	\$105,551,246.46
Less Disbursements	(4,500,000.00)	(7,000,000.00)	(11,500,000.00)
Plus Reimbursements	514,412.82	198,069.32	712,482.14
Plus Income	48,459.51	12,557.47	61,016.98
Ending Balance	\$72,761,157.83	\$22,063,587.75	\$94,824,745.58

The days-of-cash at August 31, 2017 were 198.17 for the water system, 314.57 for the sewer system, and 340.34 for the drainage system. These results are well ahead of their minimum policy target of 180 days for the water, sewerage and drainage systems.

The projected coverage for the year ending December 31, 2017, based upon financial results through August 31, 2017, remains at the budgeted levels of 1.62 times for the water system and 2.13 times for the sewer system. The water results are ahead of the policy target of 1.50 times and the bond covenant minimum of 1.25. The sewerage results are ahead of the policy targets of 1.50 times and the bond covenant minimum of 1.25 times coverage for sewerage systems.

Certification. In connection with the accompanying monthly financial report of the Sewerage and Water Board of New Orleans for the period ended August 31, 2017, I hereby certify that, to my knowledge, the information contained in the report fairly presents, in all material respects, the financial condition and results of the Board.

Robert K. Miller
Interim Executive Director

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2017

	A	B	C	D	E	F	G	H
	MTD	MTD	MTD	%	YTD	Prior Year	YTD	%
	Actual	Prior Year	Variance		Actual		Variance	
Operating revenues:								
1 Sales of water and delinquent fees	7,294,036	6,875,167	418,869	6.1%	58,942,927	54,976,157	3,966,770	7.2%
2 Sewerage service charges and delinquent fees	8,703,336	8,648,607	54,729	0.6%	71,404,970	69,289,786	2,115,184	3.1%
3 Plumbing inspection and license fees	54,200	46,300	7,900	17.1%	406,500	452,480	(45,980)	-10.2%
4 Other revenues	210,119	274,345	(64,226)	-23.4%	1,364,368	2,545,440	(1,181,072)	-46.4%
5 Total operating revenues	16,261,691	15,844,418	417,273	2.6%	132,118,765	127,263,864	4,854,901	3.8%
Operating Expenses:								
6 Executive Director	274,086	(545,642)	819,728	-150.2%	1,316,476	1,240,637	75,839	6.1%
7 Special Counsel	150,642	116,088	34,553	29.8%	1,254,994	942,895	312,099	33.1%
8 Security	828,388	918,635	(90,247)	-9.8%	7,346,377	5,234,191	2,112,186	40.4%
9 Operations	8,709,092	8,001,616	707,476	8.8%	66,378,422	64,910,820	1,467,602	2.3%
10 Engineering	758,972	572,641	186,330	32.5%	4,992,613	3,841,328	1,151,286	30.0%
11 Logistics	1,125,979	1,151,927	(25,948)	-2.3%	7,145,777	7,395,495	(249,719)	-3.4%
12 Communications	58,396	96,284	(37,888)	-39.4%	331,056	161,043	170,013	105.6%
13 Administration	1,379,478	1,536,151	(156,673)	-10.2%	8,303,900	9,936,197	(1,632,297)	-16.4%
14 Chief Financial Officer	1,797,558	1,812,737	(15,179)	-0.8%	13,885,979	11,863,542	2,022,437	17.0%
15 Continuous Improvement	12,827	-	12,827	0.0%	105,570	12	105,558	879649.3%
16 Overhead and Budget Adjustments	(1,195,387)	(906,554)	(288,833)	31.9%	(9,188,632)	(7,985,655)	(1,202,978)	15.1%
17 Non-Cash Operating Expenses	5,418,921	5,519,007	(100,086)	-1.8%	42,179,859	44,017,349	(1,837,490)	-4.2%
18 Total operating expenses	19,318,951	18,272,890	1,046,061	5.7%	144,052,390	141,557,854	2,494,536	1.8%
19 Operating income (loss)	(3,057,260)	(2,428,472)	(628,788)	25.9%	(11,933,625)	(14,293,990)	2,360,365	-16.5%
Non-operating revenues (expense):								
20 Two-mill tax	641	212	429	202.8%	1,662	7,296	(5,634)	-77.2%
21 Three-mill tax	12,853,008	589,347	12,263,661	2080.9%	13,277,613	15,109,742	(1,832,129)	-12.1%
22 Six-mill tax	288,871	595,677	(306,806)	-51.5%	15,711,953	15,271,754	440,199	2.9%
23 Nine-mill tax	432,986	892,891	(459,905)	-51.5%	23,551,466	22,891,677	659,789	2.9%
24 Interest income	272,824	128,802	144,022	111.8%	1,064,259	1,239,072	(174,813)	-14.1%
25 Other Income	-	-	-	0.0%	296,165	267,886	28,279	10.6%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	1,480	24,667	(23,187)	-94.0%	1,679	24,738	(23,059)	-93.2%
28 Total non-operating revenues	13,849,809	2,231,597	11,618,213	520.6%	53,904,797	54,812,166	(907,369)	-1.7%
29 Income before capital contributions	10,792,549	(196,875)	10,989,424	-5581.9%	41,971,171	40,518,176	1,452,996	3.6%
30 Capital contributions	6,864,515	3,450,013	3,414,502	99.0%	21,148,253	19,123,526	2,024,727	10.6%
31 Change in net position	17,657,064	3,253,138	14,403,926	442.8%	63,119,424	59,641,701	3,477,723	5.8%
32 Net position, beginning of year					2,228,421,948	2,082,688,315	145,733,633	7.0%
33 Net position, end of year					2,291,541,372	2,142,330,016	149,211,356	7.0%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
August 2017

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Budget	MTD Variance	%	YTD Actual	YTD Budget	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	7,294,036	8,407,501	(1,113,465)	-13.2%	58,942,927	62,253,292	(3,310,365)	-5.3%
2 Sewerage service charges and delinquent fees	8,703,336	10,127,604	(1,424,268)	-14.1%	71,404,970	74,989,785	(3,584,815)	-4.8%
3 Plumbing inspection and license fees	54,200	55,696	(1,496)	-2.7%	406,500	412,402	(5,902)	-1.4%
4 Other revenues	210,119	440,497	(230,378)	-52.3%	1,364,368	3,261,655	(1,897,287)	-58.2%
5 Total operating revenues	16,261,691	19,031,297	(2,769,606)	-14.6%	132,118,765	140,917,133	(8,798,368)	-6.2%
Operating Expenses:								
6 Executive Director	274,086	119,432	154,654	129.5%	1,316,476	973,451	343,025	35.2%
7 Special Counsel	150,642	199,681	(49,040)	-24.6%	1,254,994	1,627,540	(372,546)	-22.9%
8 Security	828,388	838,705	(10,317)	-1.2%	7,346,377	6,836,019	510,357	7.5%
9 Operations	8,709,092	8,335,809	373,282	4.5%	66,378,422	67,942,554	(1,564,133)	-2.3%
10 Engineering	758,972	959,487	(200,515)	-20.9%	4,992,613	7,820,477	(2,827,863)	-36.2%
11 Logistics	1,125,979	1,239,558	(113,579)	-9.2%	7,145,777	10,103,245	(2,957,469)	-29.3%
12 Communications	58,396	84,906	(26,510)	-31.2%	331,056	692,043	(360,987)	-52.2%
13 Administration	1,379,478	1,162,377	217,101	18.7%	8,303,900	9,474,168	(1,170,267)	-12.4%
14 Chief Financial Officer	1,797,558	2,093,894	(296,336)	-14.2%	13,885,979	17,066,672	(3,180,692)	-18.6%
15 Continuous Improvement	12,827	34,385	(21,558)	-62.7%	105,570	280,263	(174,693)	-62.3%
16 Overhead and Budget Adjustments	(1,195,387)	(1,266,822)	71,435	-5.6%	(9,188,632)	(10,325,466)	1,136,833	-11.0%
17 Non-Cash Operating Expenses	5,418,921	6,811,111	(1,392,190)	-20.4%	42,179,859	51,629,905	(9,450,046)	-18.3%
18 Total operating expenses	19,318,951	20,612,524	(1,293,573)	-6.3%	144,052,390	164,120,870	(20,068,480)	-12.2%
19 Operating income (loss)	(3,057,260)	(1,581,227)	(1,476,034)	93.3%	(11,933,625)	(23,203,737)	11,270,112	-48.6%
Non-operating revenues (expense):								
20 Two-mill tax	641	-	641	0.0%	1,662	-	1,662	0.0%
21 Three-mill tax	12,853,008	222,449	12,630,559	5678.0%	13,277,613	14,177,419	(899,806)	-6.3%
22 Six-mill tax	288,871	234,918	53,953	23.0%	15,711,953	14,972,118	739,835	4.9%
23 Nine-mill tax	432,986	352,128	80,858	23.0%	23,551,466	22,442,282	1,109,184	4.9%
24 Interest income	272,824	20,253	252,571	1247.1%	1,064,565	1,290,791	(226,532)	-17.5%
25 Other Income	-	27,624	(27,624)	-100.0%	296,165	1,760,570	(1,464,405)	-83.2%
26 Interest expense	1,480	(35,972)	35,972	-100.0%	-	(2,292,632)	2,292,632	-100.0%
27 Operating and maintenance grants	13,849,809	887,252	12,962,558	97.8%	1,679	4,196,968	(4,195,289)	-100.0%
28 Total non-operating revenues	10,792,549	(693,975)	11,486,524	-1655.2%	41,971,171	33,343,778	8,627,394	25.9%
29 Income before capital contributions	6,864,515	-	6,864,515	0.0%	21,148,253	-	21,148,253	0.0%
30 Capital contributions	17,657,064	(693,975)	18,351,039	-2644.3%	63,119,424	33,343,778	29,775,647	89.3%
31 Change in net position								
32 Net position, beginning of year					2,228,421,948	2,082,688,315	145,733,633	7.0%
33 Net position, end of year					2,291,541,372	2,095,002,467	196,538,905	9.4%

August 2017

Assets		A	B	C	D	E	F	G
		Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year
Noncurrent assets:								
1	Property, plant and equipment	3,462,625,611	282,836,937	8.2%	3,745,462,548	596,395,159	18.9%	3,149,067,389
2	Less: accumulated depreciation	912,409,867	46,735,987	5.1%	959,145,854	130,077,746	15.7%	829,068,108
3	Property, plant, and equipment, net	2,550,215,744	236,100,950	9.3%	2,786,316,694	466,317,413	20.1%	2,319,999,281
Restricted cash, cash equivalents, and investments								
4	Cash and cash equivalents restricted for capital projects	192,769,769	(76,454,305)	-39.7%	116,315,464	22,912,989	24.5%	93,402,475
5	Debt service reserve	74,527,726	4,456,751	6.0%	78,984,477	48,137,518	156.1%	30,846,959
6	Health insurance reserve	1,867,498	240,001	12.9%	2,107,499	130,000	6.6%	1,977,499
7	Total restricted cash, cash equivalents, and investments	269,164,993	(71,757,553)	-26.7%	197,407,440	71,180,507	56.4%	126,226,933
Designated cash, cash equivalents, and investments								
8	Cash and cash equivalents designated for capital projects	93,444,157	(26,169,306)	-28.0%	67,274,851	45,023,194	202.4%	22,249,657
9	Customer deposits	11,496,922	669,528	5.8%	12,166,450	1,464,595	13.7%	10,701,855
10	Other	5,343,969	(1,435,357)	-26.9%	3,908,612	(90,659)	-2.3%	3,999,271
11	Total designated cash and cash equivalents, and investments	110,285,048	(26,935,135)	-24.4%	83,349,913	46,399,130	175.6%	36,950,783
Current assets:								
Unrestricted and undesignated								
12	Cash and cash equivalents	37,302,883	21,134,859	56.7%	58,437,742	19,559,546	50.3%	38,878,196
Accounts receivable:								
13	Customers (net of allowance for doubtful accounts)	18,914,979	13,113,904	69.3%	32,028,883	15,677,602	95.9%	16,351,281
14	Taxes	8,044,268	1,818,994	22.6%	9,863,262	1,732,315	21.3%	8,130,947
15	Interest	58	-	0.0%	58	58	0.0%	-
16	Grants	48,247,843	14,043,437	29.1%	62,291,280	18,045,126	40.8%	44,246,154
17	Miscellaneous	4,874,295	945,509	19.4%	5,819,804	3,417,578	142.3%	2,402,226
18	Due from enterprise fund	(628,069)	973,118	-154.9%	345,049	345,049	0.0%	-
19	Inventory of supplies	5,303,745	(547,551)	-10.3%	4,756,194	(710,907)	-13.0%	5,467,101
20	Prepaid expenses	1,379,165	(761,355)	-55.2%	617,810	(284,907)	-31.6%	902,717
21	Total unrestricted current assets	123,439,167	50,720,916	41.1%	174,160,083	57,781,461	49.6%	116,378,622
Other assets:								
22	Bond issue costs	-	-	0.0%	-	-	0.0%	-
23	Deposits	51,315	-	0.0%	51,315	-	0.0%	51,315
24	Total other assets	51,315	-	0.0%	51,315	-	0.0%	51,315
25	TOTAL ASSETS	3,053,156,267	188,129,178	6.2%	3,241,285,445	641,678,511	24.7%	2,599,606,934
Deferred outflows or resources:								
26	Deferred amounts related to net pension liability	19,080,030	(2,175,492)	-11.4%	16,904,538	16,904,538	0.0%	-
27	Deferred loss on bond refunding	3,954,869	(352,552)	-8.9%	3,602,317	(705,077)	-16.4%	4,307,394
28	TOTAL DEFERRED OUTFLOWS OF RESOURCES	23,034,899	(2,528,044)	-11.0%	20,506,855	16,199,461	376.1%	4,307,394
29	TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	3,076,191,166	185,601,133	-4.8%	3,261,792,299	657,877,971	400.8%	2,603,914,328

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENTS OF NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2017

NET ASSETS AND LIABILITIES		A	B	C	D	E	F	G
		Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year
Net position								
1	Net investments in capital assets	2,035,633,680	252,378,413	12.4%	2,288,012,093	274,951,716	13.7%	2,013,060,377
2	Restricted for Debt Service	74,527,726	4,456,751	6.0%	78,984,477	48,137,518	156.1%	30,846,959
3	Unrestricted	32,168,611	(107,623,809)	-334.6%	(75,455,198)	(347,218)	0.5%	(75,107,980)
4	Total net position	2,142,330,016	149,211,356	7.0%	2,291,541,372	322,742,016	16.4%	1,988,799,356
Long-term liabilities								
5	Claims payable	2,490,568	(939,873)	-37.7%	1,550,695	(1,043,459)	-40.2%	2,594,154
6	Net pension obligation	80,592,414	3,630,720	4.5%	84,223,134	66,348,074	371.2%	17,875,060
7	Other postretirement benefits liability	71,195,865	5,247,814	7.4%	76,443,679	15,234,934	24.9%	61,208,745
8	Bonds payable (net of current maturities)	502,731,633	(30,423,475)	-4.1%	482,308,158	188,628,254	64.2%	293,679,904
9	Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-
10	Southeast Louisiana Project liability	115,703,588	48,291,920	41.7%	163,995,508	97,339,532	146.0%	66,655,976
11	Debt Service Assistance Fund Loan payable	57,230,725	(4,627,615)	-8.1%	52,603,110	(9,050,029)	-14.7%	61,653,139
12	Total long-term liabilities	829,944,793	31,179,490	3.8%	861,124,283	357,457,305	71.0%	503,666,978
Current liabilities (payable from current assets)								
13	Accounts payable and other liabilities	14,898,742	876,387	5.9%	15,775,129	(30,954,019)	-66.2%	46,729,148
14	Due to City of New Orleans	518,866	465,634	89.7%	984,500	824,328	514.7%	160,172
15	Disaster Reimbursement Revolving Loan	11,320,531	(804,973)	-7.1%	10,515,556	(7,379,485)	-41.2%	17,895,041
16	Retainers and estimates payable	9,410,709	189,199	2.0%	9,599,908	1,653,633	20.8%	7,946,275
17	Due to other fund	130,534	17,280	13.2%	147,814	(145,856)	-49.7%	293,670
18	Accrued salaries, vacation and sick pay	10,108,361	142,213	1.4%	10,250,574	(929,209)	-8.3%	11,179,783
19	Claims payable	10,682,015	4,972,063	46.5%	15,654,078	5,434,039	53.2%	10,220,039
20	Debt Service Assistance Fund Loan payable	4,422,414	205,202	4.6%	4,627,616	401,724	9.5%	4,225,892
21	Advances from federal government	7,598,043	(1,673,287)	-22.0%	5,924,756	(232,793)	-3.8%	6,157,549
22	Other Liabilities	2,149,781	(1,678,830)	-78.1%	470,951	396,742	534.6%	74,209
23	Total current liabilities (payable from current assets)	71,239,906	2,710,887	3.8%	73,950,883	(30,930,893)	-20.5%	104,881,778
Current liabilities (payable from restricted assets)								
24	Accrued interest	2,768,829	(532,731)	-19.2%	2,236,098	(245,580)	-9.9%	2,481,678
25	Bonds payable	14,827,000	2,800,000	18.9%	17,627,000	4,368,000	32.9%	13,259,000
26	Retainers and estimates payable	658,713	91,068	13.8%	749,781	626,098	506.2%	123,683
27	Customer deposits	11,496,922	669,528	5.8%	12,166,450	1,464,595	13.7%	10,701,855
28	Total current liabilities (payable from restricted assets)	29,751,464	3,027,865	10.2%	32,779,329	6,213,113	23.4%	26,566,216
29	Total current liabilities	100,991,460	5,738,752	5.7%	106,730,212	(24,717,782)	-18.8%	131,447,994
30	Total liabilities	930,936,252	1,111,137	0.1%	967,854,495	332,739,523	52.4%	635,114,972
Deferred inflows or resources:								
31	Unavailable revenue-refunding of bonds	2,924,898.00	(528,465)	-18.1%	2,396,433.00	2,396,433	0.0%	-
32	TOTAL DEFERRED INFLOWS OF RESOURCES	2,924,898	(528,465)	-18.1%	2,396,433	2,396,433	0.0%	-
33	Total Net Position, Liabilities and Deferred Inflows of Resources	3,076,191,166	150,322,492	4.9%	3,261,799,300	657,877,972	25.3%	2,603,914,328

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENTS OF CASH FLOWS
August 2017

	A	B	C	D
	YTD	YTD	YTD	%
	Current Year	Prior Year	Variance	
Cash flows from operating activities				
1 Cash received from customers	124,219,941	113,145,270	11,074,671	9.8%
2 Cash payments to suppliers for goods and services	(81,214,727)	(72,722,837)	(8,491,889)	11.7%
3 Cash payments to employees for services	(47,280,737)	(45,000,965)	(2,279,772)	5.1%
4 Other revenue	2,010,817	799,641	1,211,176	151.5%
5 Net cash used in operating activities	(2,264,703)	(3,778,891)	1,514,187	-40.1%
Cash flows from noncapital financing activities				
6 Proceeds from property taxes	53,490,524	51,470,225	2,020,299	3.9%
7 Proceeds from federal operating and maintenance grants	-	-	-	0.0%
8 Cash received paid to an other government	-	-	-	0.0%
9 Net cash provided by noncapital financing activities	53,490,524	51,470,225	2,020,299	3.9%
Cash flows from capital and related financing activities				
10 Acquisition and construction of capital assets	(73,524,094)	(47,232,998)	(26,291,096)	55.7%
11 Principal payments on bonds payable	0	-	0	0.0%
12 Proceeds from bonds payable	-	-	-	0.0%
13 Payments for bond issuance costs	-	-	-	0.0%
14 Payment to refunded bond escrow agent	(1)	-	(1)	0.0%
15 Interest paid on bonds payable	357,826	1,914,542	(1,556,716)	-81.3%
16 Proceeds from construction fund, net	(1,273,852)	(2,727,318)	1,453,466	-53.3%
17 Capital contributed by developers and federal grants	17,766,054	21,688,988	(3,922,934)	-18.1%
18 Net cash used in capital and related financing activities	(56,674,066)	(26,356,786)	(30,317,280)	115.0%
Cash flows from investing activities				
19 Payments for purchase of investments	-	-	-	0.0%
20 Proceeds from maturities of investments	(22,010,652)	-	(22,010,652)	0.0%
21 Investment income	280,799	1,185,086	(904,287)	-76.3%
22 Net cash provided by investing activities	(21,729,853)	1,185,086	(22,914,939)	-1933.6%
23 Net increase in cash	(27,178,098)	22,519,634	(49,697,732)	-220.7%
24 Cash at the beginning of the year	338,593,950	386,695,888	(48,101,938)	-12.4%
25 Cash at the end of the period	311,415,852	409,215,522	(97,799,670)	-23.9%
Reconciliation of cash and restricted cash				
26 Current assets - cash	58,437,772	24,526,662	33,911,110	138.3%
27 Current assets - designated	81,712,960	119,357,968	(37,645,008)	-31.5%
28 Restricted assets - cash	171,026,733	265,330,891	(94,304,158)	-35.5%
29 Total cash	311,177,464	409,215,521	(98,038,057)	-24.0%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENTS OF CASH FLOWS
August 2017

	A YTD Current Year	B YTD Prior Year	C YTD Variance	D %
1 Reconciliation of operating loss to net cash used in operating activities is as follows:				
Operating loss	(11,933,625)	(12,719,091)	785,466	-6.2%
Adjustments to reconcile net operating loss to net cash used in operating activities:				
2 Depreciation	34,601,696	32,649,812	1,951,884	6.0%
3 Provision for claims	1,805,535	1,189,840	615,695	51.7%
4 Provision for (revision) doubtful accounts	1,476,560	1,387,825	88,735	6.4%
5 Amortization	-	-	-	0.0%
Change in operating assets and liabilities:				
6 (Increase) decrease in customer and other receivables	(6,717,574)	(2,836,171)	(3,881,403)	136.9%
7 Increase in inventory	(1)	-	(1)	0.0%
8 Increase (decrease) in deferred outflows of resources related to net pension liability	0	-	0	0.0%
9 Increase (decrease) in prepaid expenses and other receivables	(105,099)	(1,732,224)	1,627,126	-93.9%
10 Decrease in net pension asset	-	-	-	0.0%
11 Increase (decrease) in accounts payable	(27,944,384)	(27,516,845)	(427,539)	1.6%
12 Increase (decrease) in accrued salaries, due to pension and accrued vacation and sick pay	1,184,656	(83,764)	1,268,420	-1514.3%
13 Increase in net other postretirement benefits liability	2,863,339	3,315,443	(452,104)	-13.6%
14 Increase (decrease) in net pension obligation	3,473,477	3,322,748	150,729	4.5%
15 Decrease in other liabilities	(969,284)	(756,445)	(212,839)	28.1%
16 Increase (decrease) in deferred inflows of resources related to net pension liability	-	-	-	0.0%
17 Net cash used in operating activities	(2,264,703)	(3,778,873)	1,514,169	-40.1%

**SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND**

**STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS**

August 2017

	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	7,294,036	6,875,167	418,869	6.1%	58,942,927	54,976,157	3,966,770	7.2%
2 Sewerage service charges and delinquent fees	-	-	-	0.0%	-	-	-	0.0%
3 Plumbing inspection and license fees	27,100	23,150	3,950	17.1%	207,485	224,830	(17,345)	-7.7%
4 Other revenues	193,966	270,717	(76,750)	-28.4%	1,007,977	2,109,186	(1,101,209)	-52.2%
5 Total operating revenues	7,515,102	7,169,033	346,069	4.8%	60,158,389	57,310,173	2,848,215	5.0%
Operating Expenses:								
6 Executive Director	93,751	(179,977)	273,728	-152.1%	462,088	432,778	29,310	6.8%
7 Special Counsel	42,935	39,845	3,090	7.8%	412,955	313,660	99,295	31.7%
8 Security	324,119	324,797	(678)	-0.2%	2,745,643	1,964,673	780,970	39.8%
9 Operations	3,929,473	3,939,718	(10,245)	-0.3%	31,447,114	32,016,170	(569,057)	-1.8%
10 Engineering	247,740	205,281	42,459	20.7%	1,812,223	1,334,105	478,118	35.8%
11 Logistics	346,492	381,570	(35,078)	-9.2%	2,295,437	2,457,506	(162,069)	-6.6%
12 Communications	19,465	32,095	(12,629)	-39.4%	110,352	53,681	56,671	105.6%
13 Administration	636,391	693,052	(56,661)	-8.2%	3,814,570	4,603,244	(788,674)	-17.1%
14 Chief Financial Officer	796,576	763,686	32,890	4.3%	6,100,614	5,184,049	916,565	17.7%
15 Continuous Improvement	4,276	-	4,276	0.0%	35,190	4	35,186	879649.3%
16 Overhead and Budget Adjustments	(434,780)	(330,239)	(104,542)	31.7%	(3,363,319)	(2,911,614)	(451,705)	15.5%
17 Non-Cash Operating Expenses	1,242,449	2,043,152	(800,703)	-39.2%	9,444,923	16,298,948	(6,854,025)	-42.1%
18 Total operating expenses	7,248,888	7,912,981	(664,093)	-8.4%	55,317,791	61,747,205	(6,429,414)	-10.4%
19 Operating income (loss)	266,215	(743,947)	1,010,162	-135.8%	4,840,598	(4,437,031)	9,277,629	-209.1%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%
24 Interest income	167,841	74,817	93,025	124.3%	583,094	692,662	(109,567)	-15.8%
25 Other Income	-	-	-	0.0%	131,793	119,209	12,584	10.6%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	1,314	24,667	(23,353)	-94.7%	1,490	24,738	(23,248)	-94.0%
28 Total non-operating revenues	169,155	99,483	69,672	70.0%	716,377	836,609	(120,232)	-14.4%
29 Income before capital contributions	435,370	(644,464)	1,079,834	-167.6%	5,556,975	(3,600,422)	9,157,397	-254.3%
30 Capital contributions	4,040,103	703,547	3,336,556	474.2%	13,788,812	7,744,340	6,044,472	78.1%
31 Change in net position	4,475,473	59,083	4,416,390	7474.9%	19,345,787	4,143,918	15,201,869	366.8%
32 Net position, beginning of year					337,110,237	318,792,375	18,317,862	5.7%
33 Net position, end of year					356,456,024	327,936,293	33,519,731	10.4%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
August 2017

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Budget	MTD Variance	%	YTD Actual	YTD Budget	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	7,294,036	8,407,501	(1,113,465)	-13.2%	58,942,927	62,253,292	(3,310,365)	-5.3%
2 Sewerage service charges and delinquent fees	-	-	-	0.0%	-	-	-	0.0%
3 Plumbing inspection and license fees	27,100	26,673	427	1.6%	207,485	197,502	9,983	5.1%
4 Other revenues	193,966	387,337	(193,371)	-49.9%	1,007,977	2,868,034	(1,860,057)	-64.9%
5 Total operating revenues	7,515,102	8,821,511	(1,306,409)	-14.8%	60,158,389	65,318,828	(5,160,439)	-7.9%
Operating Expenses:								
6 Executive Director	93,751	44,409	49,342	111.1%	462,088	361,964	100,124	27.7%
7 Special Counsel	42,935	63,567	(20,632)	-32.5%	412,955	518,118	(105,163)	-20.3%
8 Security	324,119	309,733	14,386	4.6%	2,745,643	2,524,537	221,106	8.8%
9 Operations	3,929,473	4,015,815	(86,342)	-2.2%	31,447,114	32,731,644	(1,284,530)	-3.9%
10 Engineering	247,740	305,780	(58,040)	-19.0%	1,812,223	2,492,317	(680,094)	-27.3%
11 Logistics	346,492	413,430	(66,938)	-16.2%	2,295,437	3,369,736	(1,074,299)	-31.9%
12 Communications	19,465	28,302	(8,837)	-31.2%	110,352	230,681	(120,329)	-52.2%
13 Administration	636,391	527,248	109,144	20.7%	3,814,570	4,297,429	(482,858)	-11.2%
14 Chief Financial Officer	796,576	922,448	(125,872)	-13.6%	6,100,614	7,518,584	(1,417,970)	-18.9%
15 Continuous Improvement	4,276	11,462	(7,186)	-62.7%	35,190	93,421	(58,231)	-62.3%
16 Overhead and Budget Adjustments	(434,780)	(1,208,284)	773,503	-64.0%	(3,363,319)	(9,848,339)	6,485,020	-65.8%
17 Non-Cash Operating Expenses	1,242,449	1,711,576	(469,127)	-27.4%	9,444,923	12,974,171	(3,529,248)	-27.2%
18 Total operating expenses	7,248,888	7,145,487	103,401	1.4%	55,317,791	57,264,262	(1,946,471)	-3.4%
19 Operating income (loss)	266,215	1,676,024	(1,409,809)	-84.1%	4,840,598	8,054,566	(3,213,968)	-39.9%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%
24 Interest income	167,841	5,103	162,738	3189.1%	583,094	325,231	257,863	79.3%
25 Other income	-	6,008	(6,008)	-100.0%	131,793	382,878	(251,085)	-65.6%
26 Interest expense	-	(3,069)	3,069	-100.0%	-	(195,607)	195,607	-100.0%
27 Operating and maintenance grants	1,314	32,926	(31,612)	-96.0%	1,490	2,098,484	(2,096,994)	-99.9%
28 Total non-operating revenues	169,155	40,967	128,188	312.9%	716,377	2,610,986	(1,894,609)	-72.6%
29 Income before capital contributions	435,370	1,716,992	(1,281,621)	-74.6%	5,556,975	10,665,552	(5,108,577)	-47.9%
30 Capital contributions	4,040,103		4,040,103	0.0%	13,788,812		13,788,812	0.0%
31 Change in net position	4,475,473	1,716,992	2,758,482	160.7%	19,345,787			
32 Net position, beginning of year					337,110,237	318,792,375	18,317,862	5.7%
33 Net position, end of year					356,456,024	318,792,375	37,663,649	11.8%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR AND BEGINNING OF YEAR COMPARISONS
August 2017

	Assets							
	A	B	C	D	E	F	G	
	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
Noncurrent assets:								
1 Property, plant and equipment	780,528,454	53,303,775	6.9%	834,032,229	115,986,466	16.2%	718,045,763	1
2 Less: accumulated depreciation	343,323,273	1,163,521	0.3%	344,486,794	23,255,080	7.2%	321,231,714	2
3 Property, plant, and equipment, net	437,205,181	52,340,254	12.0%	489,545,435	92,731,386	23.4%	396,814,049	3
Restricted cash, cash equivalents, and investments								
4 Cash and cash equivalents restricted for capital projects	114,281,405	(31,988,160)	-28.0%	82,293,245	23,866,477	40.8%	58,426,768	4
5 Debt service reserve	23,415,975	2,187,843	9.3%	25,603,818	15,381,719	150.5%	10,222,099	5
6 Health insurance reserve	607,785	112,104	18.4%	719,889	60,722	9.2%	659,167	6
7 Total restricted cash, cash equivalents, and investments	138,305,165	(29,688,213)	-21.5%	108,616,952	39,308,918	56.7%	69,308,034	7
Designated cash, cash equivalents, and investments								
8 Cash and cash equivalents designated for capital projects	5,175,990	706,282	13.6%	5,882,272	(2,033,980)	-25.7%	7,916,252	8
9 Customer deposits	11,496,922	669,528	5.8%	12,166,450	1,464,595	13.7%	10,701,855	9
10 Other	2,950,074	(1,319,895)	-44.7%	1,630,179	(45,581)	-2.7%	1,675,760	10
11 Total designated cash and cash equivalents, and investments	19,622,986	55,915	0.3%	19,678,901	(614,960)	-3.0%	20,293,867	11
Current assets:								
Unrestricted and undesignated								
12 Cash and cash equivalents	14,158,147	6,577,434	46.5%	20,735,581	8,331,974	41.1%	12,203,607	12
Accounts receivable:								
13 Customers (net of allowance for doubtful accounts)	10,280,657	5,966,939	58.0%	16,247,596	7,614,027	46.9%	8,633,569	13
14 Taxes	-	-	0.0%	-	-	0.0%	-	14
15 Interest	-	-	0.0%	-	-	0.0%	-	15
16 Grants	24,811,995	11,487,711	46.3%	36,299,706	18,544,962	104.5%	17,754,744	16
17 Miscellaneous	575,463	(286,863)	-49.8%	288,600	(384,710)	-57.1%	673,310	17
18 Due from enterprise fund	(3,388,704)	(12,496,440)	368.8%	(15,885,144)	(7,573,474)	91.1%	(8,311,670)	18
19 Inventory of supplies	3,536,187	(339,635)	-9.6%	3,196,552	(493,320)	-13.4%	3,689,872	19
20 Prepaid expenses	640,067	(233,785)	-39.6%	386,282	(94,969)	-19.7%	481,251	20
21 Total unrestricted current assets	50,613,812	10,655,361	21.1%	61,269,173	26,144,490	74.4%	35,124,683	21
Other assets:								
22 Bond issue costs	-	-	0.0%	-	-	0.0%	-	22
23 Deposits	22,950	-	0.0%	22,950	-	0.0%	22,950	23
24 Total other assets	22,950	-	0.0%	22,950	-	0.0%	22,950	24
25 TOTAL ASSETS	645,770,094	33,363,317	5.2%	679,133,411	157,569,828	30.2%	521,563,583	25
Deferred outflows or resources:								
26 Deferred amounts related to net pension liability	6,360,010	(725,164)	-11.4%	5,634,846	5,634,846	0.0%	-	26
27 Deferred loss on bond refunding	28,356	(4,383)	-15.5%	23,973	(8,746)	-26.7%	32,719	27
28 TOTAL DEFERRED OUTFLOWS OF RESOURCES	6,388,366	(729,547)	-11.4%	5,658,819	5,626,100	17195.2%	32,719	28
29 TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	652,158,460	32,633,771	-6.3%	684,792,231	163,195,929	17225.4%	521,596,302	29

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2017

NET ASSETS AND LIABILITIES	A	B	C	D	E	F	G
	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year
Net position							
1 Net investments in capital assets	214,752,818	53,881,037	25.1%	268,633,855	(16,956,011)	-5.9%	285,589,866
2 Restricted for Debt Service	23,415,975	2,187,843	9.3%	25,603,818	15,381,719	150.5%	10,222,099
3 Unrestricted	84,767,500	(22,549,149)	-26.6%	62,218,351	40,194,511	182.5%	22,023,840
4 Total net position	322,936,293	33,519,731	10.4%	356,456,024	38,620,219	12.2%	317,835,805
Long-term liabilities							
5 Claims payable	830,189	(313,291)	-37.7%	516,898	(347,820)	-40.2%	864,718
6 Net pension obligation	26,864,138	1,260,474	4.7%	28,124,612	22,261,416	379.7%	5,863,196
7 Other postretirement benefit liability	26,173,120	1,699,038	6.5%	27,872,158	5,028,077	22.0%	22,844,081
8 Bonds payable (net of current maturities)	223,151,314	(3,606,883)	-1.6%	219,544,431	108,320,248	97.4%	111,224,183
9 Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-
10 Southeast Louisiana Project liability	-	-	0.0%	-	-	0.0%	-
11 Debt Service Assistance Fund Loan payable	5,028,912	(462,727)	-9.1%	4,566,185	(795,418)	-14.7%	5,417,603
12 Total long-term liabilities	282,047,673	(1,367,389)	-0.5%	280,680,284	134,466,503	92.0%	146,213,781
Current liabilities (payable from current assets)							
13 Accounts payable and other liabilities	5,934,454	(229,353)	-3.9%	5,705,101	(13,109,097)	-69.7%	18,814,198
14 Due to City of New Orleans	518,866	465,634	89.7%	984,500	824,328	514.7%	160,172
15 Disaster Reimbursement Revolving Loan	6,273,137	(803,320)	-12.8%	5,469,817	(2,872,353)	-34.4%	8,342,170
16 Retainers and estimates payable	4,516,234	183,426	4.1%	4,699,660	1,707,966	57.1%	2,991,694
17 Due to other fund	63,962	8,467	13.2%	72,429	(71,109)	-49.5%	143,538
18 Accrued salaries, vacation and sick pay	4,767,724	20,011	0.4%	4,787,735	(518,977)	-9.8%	5,306,712
19 Claims payable	3,793,256	1,126,684	29.7%	4,919,940	1,068,937	27.8%	3,851,003
20 Debt Service Assistance Fund Loan payable	388,691	18,036	4.6%	406,727	35,389	9.5%	371,338
21 Advances from federal government	5,621,738	(1,673,287)	-29.8%	3,948,451	(2,209,098)	-35.9%	6,157,549
22 Other Liabilities	1,627,379	(1,284,833)	-79.0%	342,546	269,916	371.6%	72,630
23 Total current liabilities (payable from current assets)	33,505,441	(2,168,535)	-6.5%	31,336,906	(14,874,098)	-32.2%	46,211,004
Current liabilities (payable from restricted assets)							
24 Accrued interest	743,300	(206,326)	-27.8%	536,974	(17,475)	-3.2%	554,449
25 Bonds payable	325,000	2,215,000	681.5%	2,540,000	2,540,000	0.0%	-
26 Retainers and estimates payable	128,865	147,917	114.8%	276,782	197,374	248.6%	79,408
27 Customer deposits	11,406,923	669,528	5.8%	12,076,450	1,464,595	13.7%	10,701,855
28 Total current liabilities (payable from restricted assets)	12,694,087	2,826,119	22.3%	15,320,206	4,184,494	36.9%	11,335,712
29 TOTAL CURRENT LIABILITIES	46,199,528	657,584	1.4%	46,657,112	(10,689,604)	-18.6%	57,546,716
30 TOTAL LIABILITIES	328,247,201	(709,805)	-0.2%	327,337,396	123,776,899	60.7%	203,760,497
Deferred inflows or resources:							
31 Deferred amounts related to net pension liability	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-
32 TOTAL DEFERRED INFLOWS OF RESOURCES	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-
33 Total Net Position, Liabilities and Deferred Inflows of Resources	652,158,160	32,808,926	5.0%	684,792,231	163,195,929	31.3%	521,596,302

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENTS OF CASH FLOWS
August 2017

	A	B	C	D
	YTD	YTD	YTD	%
	Current Year	Prior Year	Variance	
Cash flows from operating activities				
1 Cash received from customers	55,582,181	54,521,583	1,060,598	1.9%
2 Cash payments to suppliers for goods and services	(31,931,728)	(31,643,862)	(287,865)	0.9%
3 Cash payments to employees for services	(17,868,962)	(22,400,112)	4,531,150	-20.2%
4 Other revenue	1,387,567	2,947,746	(1,560,179)	-52.9%
5 Net cash used in operating activities	7,169,059	3,425,372	3,743,687	109.3%
Cash flows from noncapital financing activities				
6 Proceeds from property taxes	583,094	119,209	463,885	389.1%
7 Proceeds from federal operating and maintenance grants	-	-	-	0.0%
8 Cash received paid to an other government	-	-	-	0.0%
9 Net cash provided by noncapital financing activities	583,094	119,209	463,885	389.1%
Cash flows from capital and related financing activities				
10 Acquisition and construction of capital assets	(24,992,106)	(18,427,972)	(6,564,134)	35.6%
11 Principal payments on bonds payable	0	-	0	0.0%
12 Proceeds from bonds payable	-	-	-	0.0%
13 Payments for bond issuance costs	(0)	-	(0)	0.0%
14 Payment to refunded bond escrow agent	268,503	1,541,521	(1,273,018)	-82.6%
15 Interest paid on bonds payable	(263,169)	(711,857)	448,688	-63.0%
16 Proceeds from construction fund, net	8,098,582	5,237,307	2,861,275	54.6%
17 Capital contributed by developers and federal grants	(16,888,190)	(12,361,001)	(4,527,189)	36.6%
18 Net cash used in capital and related financing activities				
Cash flows from investing activities				
19 Payments for purchase of investments	-	-	-	0.0%
20 Proceeds from maturities of investments	(22,010,652)	-	(22,010,652)	0.0%
21 Investment income	-	692,662	(692,662)	-100.0%
22 Net cash provided by investing activities	(22,010,652)	692,662	(22,703,314)	-3277.7%
23 Net increase in cash	(31,146,688)	(8,123,758)	(23,022,931)	283.4%
24 Cash at the beginning of the year	152,217,472	174,260,074	(22,042,602)	-12.6%
25 Cash at the end of the period	121,070,784	166,136,316	(45,065,533)	-27.1%
Reconciliation of cash and restricted cash				
26 Current assets - cash	20,735,608	14,158,147	6,577,461	46.5%
27 Current assets - designated	18,041,948	16,372,986	1,668,962	10.2%
28 Restricted assets - cash	82,293,245	135,605,165	(53,311,920)	-39.3%
29 Total cash	121,070,801	166,136,298	(45,065,497)	-27.1%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENTS OF CASH FLOWS
August 2017

	A	B	C	D
	YTD	YTD	YTD	%
	Current Year	Prior Year	Variance	
Reconciliation of operating loss to net cash used in operating activities is as follows:				
1 Operating loss	4,840,597	(4,437,031)	9,277,628	-209.1%
Adjustments to reconcile net operating loss to net cash used in operating activities:				
2 Depreciation	6,675,603	13,164,516	(6,488,913)	-49.3%
3 Provision for claims	828,113	568,360	259,753	45.7%
4 Provision for (revision) doubtful accounts	766,672	766,672	-	0.0%
5 Amortization	-	-	-	0.0%
Change in operating assets and liabilities:				
6 (Increase) decrease in customer and other receivables	(3,950,364)	(818,679)	(3,131,685)	382.5%
7 Increase in inventory	(0)	-	(0)	0.0%
8 Increase (decrease) in deferred outflows of resources related to net pension liability	0	-	0	0.0%
9 Increase (decrease) in prepaid expenses and other receivables	4,828,900	1,240,657	3,588,243	289.2%
10 Decrease in net pension asset	-	-	-	0.0%
11 Increase (decrease) in accounts payable	(8,522,129)	(9,313,559)	791,430	-8.5%
12 Increase (decrease) in accrued salaries, due to pension and accrued vacation and sick pay	(172,110)	44,774	(216,884)	-484.4%
13 Increase in net other postretirement benefits liability	904,212	1,205,616	(301,404)	-25.0%
14 Increase (decrease) in net pension obligation	1,208,059	1,208,283	(224)	0.0%
15 Decrease in other liabilities	(238,495)	(204,237)	(34,258)	16.8%
16 Increase (decrease) in deferred inflows of resources related to net pension liability	-	-	-	0.0%
17 Net cash used in operating activities	7,169,059	3,425,372	3,743,687	109.3%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2017

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Prior Year	MTD Variance	%	YTD Actual	YTD Prior Year	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	8,703,336	8,648,607	54,729	0.6%	71,404,970	69,289,786	2,115,184	3.1%
2 Sewerage service charges and delinquent fees	27,100	23,150	3,950	17.1%	199,015	227,650	(28,635)	-12.6%
3 Plumbing inspection and license fees	11,430	1,233	10,197	827.3%	330,625	396,358	(65,734)	-16.6%
4 Other revenues	8,741,866	8,672,989	68,876	0.8%	71,934,610	69,913,794	2,020,815	2.9%
5 Total operating revenues								
Operating Expenses:								
6 Executive Director	91,161	(181,772)	272,932	-150.2%	436,866	412,195	24,671	6.0%
7 Special Counsel	42,935	38,845	4,090	10.5%	409,966	312,559	97,407	31.2%
8 Security	269,783	303,109	(33,326)	-11.0%	2,397,353	1,709,330	688,024	40.3%
9 Operations	3,243,675	2,540,228	703,447	27.7%	23,425,271	21,887,492	1,537,779	7.0%
10 Engineering	292,077	197,703	94,374	47.7%	1,765,946	1,391,245	374,701	26.9%
11 Logistics	329,734	377,056	(47,322)	-12.6%	2,229,484	2,424,931	(195,446)	-8.1%
12 Communications	19,465	32,095	(12,629)	-39.4%	110,352	53,681	56,671	105.6%
13 Administration	412,623	463,436	(50,813)	-11.0%	2,487,818	2,966,066	(478,248)	-16.1%
14 Chief Financial Officer	766,592	739,357	27,235	3.7%	5,845,033	4,954,301	890,732	18.0%
15 Continuous Improvement	4,276	-	4,276	0.0%	35,190	4	35,186	879649.3%
16 Overhead and Budget Adjustments	(419,190)	(320,288)	(98,903)	30.9%	(3,212,955)	(2,819,744)	(393,211)	13.9%
17 Non-Cash Operating Expenses	2,119,908	1,739,559	380,349	21.9%	16,455,000	13,871,615	2,583,385	18.6%
18 Total operating expenses	7,173,038	5,929,328	1,243,710	21.0%	52,385,324	47,163,674	5,221,650	11.1%
19 Operating income (loss)	1,568,828	2,743,661	(1,174,834)	-42.8%	19,549,285	22,750,121	(3,200,835)	-14.1%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%
24 Interest income	66,027	37,623	28,403	75.5%	364,736	451,743	(87,006)	-19.3%
25 Other Income	-	-	-	0.0%	164,371	148,677	15,695	10.6%
26 Interest expense	166	-	166	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	66,193	37,623	28,569	75.9%	529,297	600,419	(71,122)	-11.8%
28 Total non-operating revenues								
29 Income before capital contributions	1,635,020	2,781,284	(1,146,264)	-41.2%	20,078,582	23,350,540	(3,271,958)	-14.0%
30 Capital contributions	1,174,769	2,230,683	(1,055,914)	-47.3%	3,446,846	5,500,911	(2,054,065)	-37.3%
31 Change in net position	2,809,789	5,011,968	(2,202,178)	-43.9%	23,525,428	28,851,451	(5,326,023)	-18.5%
32 Net position, beginning of year					792,100,836	763,119,641	28,981,195	3.8%
33 Net position, end of year					815,626,264	791,971,092	23,655,172	3.0%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
August 2017

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Budget	MTD Variance	%	YTD Actual	YTD Budget	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	8,703,336	10,127,604	(1,424,268)	-14.1%	71,404,970	74,989,785	(3,584,815)	-4.8%
2 Sewerage service charges and delinquent fees	27,100	29,023	(1,923)	-6.6%	199,015	214,900	(15,885)	-7.4%
3 Plumbing inspection and license fees	11,430	53,160	(41,730)	-78.5%	330,625	393,621	(62,996)	-16.0%
4 Other revenues	8,741,866	10,209,786	(1,467,921)	-14.4%	71,934,610	75,598,305	(3,663,696)	-4.8%
5 Total operating revenues								
Operating Expenses:								
6 Executive Director	91,161	39,423	51,737	131.2%	436,866	321,328	115,538	36.0%
7 Special Counsel	42,935	53,128	(10,193)	-19.2%	409,966	433,033	(23,067)	-5.3%
8 Security	269,783	274,315	(4,533)	-1.7%	2,397,353	2,235,858	161,496	7.2%
9 Operations	3,243,675	2,725,003	518,672	19.0%	23,425,271	22,210,642	1,214,629	5.5%
10 Engineering	292,077	368,653	(76,576)	-20.8%	1,765,946	3,004,776	(1,238,830)	-41.2%
11 Logistics	329,734	402,721	(72,987)	-18.1%	2,229,484	3,282,456	(1,052,971)	-32.1%
12 Communications	19,465	28,302	(8,837)	-31.2%	110,352	230,681	(120,329)	-52.2%
13 Administration	412,623	350,074	62,548	17.9%	2,487,818	2,853,344	(365,526)	-12.8%
14 Chief Financial Officer	766,592	883,832	(117,241)	-13.3%	5,845,033	7,203,839	(1,358,806)	-18.9%
15 Continuous Improvement	4,276	11,462	(7,186)	-62.7%	35,190	93,421	(58,231)	-62.3%
16 Overhead and Budget Adjustments	(419,190)	557,031	(976,221)	-175.3%	(3,212,955)	4,540,186	(7,753,141)	-170.8%
17 Non-Cash Operating Expenses	2,119,908	2,639,508	(519,600)	-19.7%	16,455,000	20,008,125	(3,553,125)	-17.8%
18 Total operating expenses	7,173,038	8,333,455	(1,160,417)	-13.9%	52,385,324	66,417,689	(14,032,365)	-21.1%
19 Operating income (loss)	1,568,828	1,876,331	(307,504)	-16.4%	19,549,285	9,180,616	10,368,669	112.9%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%
24 Interest income	66,027	9,660	56,367	583.5%	364,736	615,664	(250,928)	-40.8%
25 Other Income	-	6,932	(6,932)	-100.0%	164,371	441,768	(277,396)	-62.8%
26 Interest expense	-	(30,949)	30,949	-100.0%	-	(1,972,458)	1,972,458	-100.0%
27 Operating and maintenance grants	166	32,926	(32,760)	-99.5%	189	2,098,484	(2,098,295)	-100.0%
28 Total non-operating revenues	66,193	18,569	47,624	256.5%	529,297	1,183,457	(654,160)	-55.3%
29 Income before capital contributions	1,635,020	1,894,900	(259,880)	-13.7%	20,078,582	10,364,074	9,714,509	93.7%
30 Capital contributions	1,174,769	-	1,174,769	0.0%	3,446,846	-	3,446,846	0.0%
31 Change in net position	2,809,789	1,894,900	914,889	48.3%	23,525,428	-	-	-
32 Net position, beginning of year	-	-	-	-	792,100,836	763,119,641	28,981,195	3.8%
33 Net position, end of year	-	-	-	-	815,626,264	763,119,641	52,506,623	6.9%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR AND BEGINNING OF YEAR COMPARISONS
August 2017

	Assets							
	A	B	C	D	E	F	G	
	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
Noncurrent assets:								
1 Property, plant and equipment	1,213,044,466	61,463,295	5.1%	1,274,507,761	136,979,827	12.0%	1,137,527,934	1
2 Less: accumulated depreciation	256,157,736	21,890,893	8.5%	278,048,629	51,528,430	22.7%	226,520,199	2
3 Property, plant, and equipment, net	956,886,730	39,572,402	4.1%	996,459,132	85,451,397	9.4%	911,007,735	3
Restricted cash, cash equivalents, and investments								
4 Cash and cash equivalents restricted for capital projects	72,830,481	(43,572,490)	-59.8%	29,307,991	(1,219,962)	-4.0%	30,527,953	4
5 Debt service reserve	48,612,843	2,267,916	4.7%	50,880,759	30,412,953	148.6%	20,467,806	5
6 Health insurance reserve	626,441	71,400	11.4%	697,841	38,675	5.9%	659,166	6
7 Total restricted cash, cash equivalents, and investments	122,069,765	(41,183,174)	-33.7%	80,886,591	29,231,666	56.6%	51,654,925	7
Designated cash, cash equivalents, and investments								
8 Cash and cash equivalents designated for capital projects	56,218,774	(17,411,965)	-31.0%	38,806,809	35,107,500	949.0%	3,699,309	8
9 Customer deposits	-	-	0.0%	-	-	0.0%	-	9
10 Other	1,220,925	(65,181)	-5.3%	1,155,744	(26,572)	-2.2%	1,182,316	10
11 Total designated cash and cash equivalents, and investments	57,439,699	(17,477,146)	-30.4%	39,962,553	35,080,928	718.6%	4,881,625	11
Current assets:								
Unrestricted and undesignated								
12 Cash and cash equivalents	12,298,656	14,962,409	121.7%	27,261,065	5,405,994	24.7%	21,855,071	12
Accounts receivable:								
13 Customers (net of allowance for doubtful accounts)	8,634,322	7,146,965	82.8%	15,781,287	8,063,575	104.5%	7,717,712	13
14 Taxes	-	-	0.0%	-	-	0.0%	-	14
15 Interest	58	(0)	-0.2%	58	58	0.0%	-	15
16 Grants	19,848,735	1,000,585	5.3%	19,849,320	305,626	1.6%	19,543,694	16
17 Miscellaneous	3,935,919	652,603	16.6%	4,588,522	4,237,032	1205.4%	351,490	17
18 Due from enterprise fund	4,425,773	12,068,155	272.7%	16,493,928	5,430,004	49.1%	11,063,924	18
19 Inventory of supplies	1,173,098	(107,919)	-9.2%	1,065,179	(105,622)	-9.0%	1,170,801	19
20 Prepaid expenses	485,485	(253,785)	-52.3%	231,700	(94,969)	-29.1%	326,669	20
21 Total unrestricted current assets	49,802,046	35,469,014	71.2%	85,271,060	23,241,699	37.5%	62,029,361	21
Other assets:								
22 Bond issue costs	-	-	0.0%	-	-	0.0%	-	22
23 Deposits	17,965	-	0.0%	17,965	-	0.0%	17,965	23
24 Total other assets	17,965	-	0.0%	17,965	-	0.0%	17,965	24
25 TOTAL ASSETS	1,186,216,205	16,381,096	1.4%	1,202,597,301	173,005,690	16.8%	1,029,591,611	25
Deferred outflows or resources:								
26 Deferred amounts related to net pension liability	6,360,010	-	0.0%	5,634,846	-	0.0%	-	26
27 Deferred loss on bond refunding	3,636,958	(294,646)	-8.1%	3,342,312	(589,290)	-15.0%	3,931,602	27
28 TOTAL DEFERRED OUTFLOWS OF RESOURCES	9,996,968	(1,015,810)	-10.2%	8,977,158	(5,045,556)	-128.3%	3,931,602	28
29 TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	1,196,213,173	15,365,285	-8.8%	1,211,574,458	178,051,245	145.1%	1,033,523,213	29

SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWER SYSTEM FUND

STATEMENTS OF NET POSITION

WITH PRIOR YEAR COMPARISONS

August 2017

NET ASSETS AND LIABILITIES

	A	B	C	D	E	F	G
	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year
Net position							
1 Net investments in capital assets	677,874,805	52,549,785	7.8%	730,424,590	261,534	0.0%	730,163,056
2 Restricted for Debt Service	48,612,843	2,267,916	4.7%	50,880,759	30,412,953	148.6%	20,467,806
3 Unrestricted	65,483,444	(31,162,529)	-47.6%	34,320,915	52,384,860	-290.0%	(18,063,945)
4 Total net position	791,971,092	23,655,173	3.0%	815,626,264	83,059,347	11.3%	732,566,917
Long-term liabilities							
5 Claims payable	830,189	(313,291)	-37.7%	516,898	(347,820)	-40.2%	864,718
6 Net pension obligation	26,864,138	1,260,474	4.7%	28,124,612	22,131,470	369.3%	5,993,142
7 Other postretirement benefits liability	23,194,774	1,699,037	7.3%	24,893,811	5,028,078	25.3%	19,865,733
8 Bonds payable (net of current maturities)	268,098,647	(15,019,188)	-5.6%	253,079,459	83,878,780	49.6%	169,200,679
9 Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-
10 Southeast Louisiana Project liability	-	-	0.0%	-	-	0.0%	-
11 Debt Service Assistance Fund Loan payable	48,999,207	(3,961,768)	-8.1%	45,037,439	(7,747,861)	-14.7%	52,785,300
12 Total long-term liabilities	367,986,955	(16,334,735)	-4.4%	351,652,219	102,942,647	41.4%	248,709,572
Current liabilities (payable from current assets)							
13 Accounts payable and other liabilities	6,307,716	182,308	2.9%	6,490,024	(15,370,291)	-70.3%	21,860,315
14 Due to City of New Orleans	(1,441,753)	5,798,714	-402.2%	4,356,961	1,787,538	69.6%	2,569,423
15 Disaster Reimbursement Revolving Loan	3,165,822	136,989	4.3%	3,302,811	(1,200,079)	-26.7%	4,502,890
16 Retainers and estimates payable	30,023	3,974	13.2%	33,997	(33,308)	-49.5%	67,305
17 Due to other fund	3,077,822	36,240	1.2%	3,114,062	(238,700)	-7.1%	3,352,762
18 Accrued salaries, vacation and sick pay	2,644,608	2,035,804	77.0%	4,680,412	1,909,640	68.9%	2,770,772
19 Claims payable	3,786,093	175,675	4.6%	3,961,768	343,704	9.5%	3,618,064
20 Debt Service Assistance Fund Loan payable	1,976,305	0	0.0%	1,976,305	1,976,305	0.0%	-
21 Advances from federal government	432,845	(325,155)	-75.1%	107,690	106,137	6834.3%	1,553
22 Other Liabilities	19,979,481	8,044,549	40.3%	28,024,030	(10,719,054)	-27.7%	38,743,084
23 Total current liabilities (payable from current assets)	19,979,481	8,044,549	40.3%	28,024,030	(10,719,054)	-27.7%	38,743,084
Current liabilities (payable from restricted assets)							
24 Accrued interest	1,918,832	(315,697)	-16.5%	1,603,135	(212,230)	-11.7%	1,815,365
25 Bonds payable	12,852,000	545,000	4.2%	13,397,000	(1,753,000)	-15.1%	11,644,000
26 Retainers and estimates payable	529,848	(56,849)	-10.7%	472,999	(428,724)	-968.3%	44,275
27 Customer deposits	-	-	0.0%	-	-	0.0%	-
28 Total current liabilities (payable from restricted assets)	15,300,680	172,454	1.1%	15,473,134	1,969,494	14.6%	13,503,640
TOTAL CURRENT LIABILITIES	35,280,161	8,217,003	23.3%	43,497,164	(8,749,560)	-16.7%	52,246,724
TOTAL LIABILITIES	403,267,116	(8,117,732)	-2.0%	395,149,383	94,193,087	31.3%	300,956,296
Deferred inflows or resources:							
31 Deferred amounts related to net pension liability	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-
32 TOTAL DEFERRED INFLOWS OF RESOURCES	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-
Total Net Position, Liabilities and Deferred Inflows of Resources	1,196,211,173	15,537,440	1.3%	1,211,574,458	178,051,245	17.2%	1,033,523,213

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENTS OF CASH FLOWS
August 2017

	A	B	C	D
	YTD	YTD	YTD	%
	Current Year	Prior Year	Variance	
Cash flows from operating activities				
1 Cash received from customers	68,637,760	58,623,687	10,014,073	17.1%
2 Cash payments to suppliers for goods and services	(33,641,755)	(30,201,312)	(3,440,443)	11.4%
3 Cash payments to employees for services	(18,578,960)	(5,561,343)	(13,017,617)	234.1%
4 Other revenue	535,998	(3,033,570)	3,569,568	-117.7%
5 Net cash used in operating activities	16,953,042	19,827,462	(2,874,420)	-14.5%
Cash flows from noncapital financing activities				
6 Proceeds from property taxes	364,736	148,676	216,060	145.3%
7 Proceeds from federal operating and maintenance grants	-	-	-	0.0%
8 Cash received paid to an other government	-	-	-	0.0%
9 Net cash provided by noncapital financing activities	364,736	148,676	216,060	145.3%
Cash flows from capital and related financing activities				
10 Acquisition and construction of capital assets	(27,380,092)	(12,778,723)	(14,601,369)	114.3%
11 Principal payments on bonds payable	-	-	-	0.0%
12 Proceeds from bonds payable	-	-	-	0.0%
13 Payments for bond issuance costs	-	-	-	0.0%
14 Payment to refunded bond escrow agent	(1)	-	(1)	0.0%
15 Interest paid on bonds payable	89,322	373,021	(283,699)	-76.1%
16 Proceeds from construction fund, net	(288,276)	(1,521,383)	1,233,107	-81.1%
17 Capital contributed by developers and federal grants	3,324,030	10,780,053	(7,456,023)	-69.2%
18 Net cash used in capital and related financing activities	(24,255,017)	(3,147,032)	(21,107,985)	670.7%
Cash flows from investing activities				
19 Payments for purchase of investments	-	-	-	0.0%
20 Proceeds from maturities of investments	-	-	-	0.0%
21 Investment income	164,371	414,119	(249,748)	-60.3%
22 Net cash provided by investing activities	164,371	414,119	(249,748)	-60.3%
23 Net increase in cash	(6,772,867)	17,243,225	(24,016,092)	-139.3%
24 Cash at the beginning of the year	154,826,076	177,803,739	(22,977,663)	-12.9%
25 Cash at the end of the period	148,053,209	195,046,964	(46,993,755)	-24.1%
Reconciliation of cash and restricted cash				
26 Current assets - cash	27,261,065	7,040,186	20,220,879	287.2%
27 Current assets - designated	39,962,553	66,446,112	(26,483,559)	-39.9%
28 Restricted assets - cash	80,829,591	121,560,666	(40,731,075)	-33.5%
29 Total cash	148,053,209	195,046,964	(46,993,755)	-24.1%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENTS OF CASH FLOWS
August 2017

	A YTD Current Year	B YTD Prior Year	C YTD Variance	D %
Reconciliation of operating loss to net cash used in operating activities is as follows:				
1 Operating loss	19,549,286	19,896,830	(347,544)	-1.7%
Adjustments to reconcile net operating loss to net cash used in operating activities:				
2 Depreciation	13,703,188	9,443,491	4,259,697	45.1%
3 Provision for claims	525,527	331,075	194,452	58.7%
4 Provision for (revision) doubtful accounts	709,888	621,153	88,735	14.3%
5 Amortization	-	-	-	0.0%
Change in operating assets and liabilities:				
6 (Increase) decrease in customer and other receivables	(2,767,210)	(2,017,492)	(749,718)	37.2%
7 Increase in inventory	(0)	-	(0)	0.0%
8 Increase (decrease) in deferred outflows of resources related to net pension liability	-	-	-	0.0%
9 Increase (decrease) in prepaid expenses and other receivables	(4,202,897)	3,790,970	(7,993,867)	-210.9%
10 Decrease in net pension asset	-	-	-	0.0%
11 Increase (decrease) in accounts payable	(12,030,807)	(13,982,485)	1,951,678	-14.0%
12 Increase (decrease) in accrued salaries, due to pension and accrued vacation and sick pay	(120,676)	(37,151)	(83,525)	224.8%
13 Increase in net other postretirement benefits liability	904,212	1,054,914	(150,702)	-14.3%
14 Increase (decrease) in net pension obligation	1,208,059	1,057,232	150,827	14.3%
15 Decrease in other liabilities	(525,528)	(331,075)	(194,453)	58.7%
16 Increase (decrease) in deferred inflows of resources related to net pension liability	-	-	-	0.0%
17 Net cash used in operating activities	16,953,042	19,827,462	(2,874,420)	-14.5%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
 August 2017

	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%
2 Sewerage service charges and delinquent fees	-	-	-	0.0%	-	-	-	0.0%
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%
4 Other revenues	4,723	2,396	2,327	97.1%	25,767	39,896	(14,129)	-35.4%
5 Total operating revenues	4,723	2,396	2,327	97.1%	25,767	39,896	(14,129)	-35.4%
Operating Expenses:								
6 Executive Director	89,174	(183,894)	273,068	-148.5%	417,522	395,665	21,858	5.5%
7 Special Counsel	64,771	37,398	27,373	73.2%	432,073	316,676	115,397	36.4%
8 Security	234,486	290,729	(56,243)	-19.3%	2,203,380	1,560,188	643,192	41.2%
9 Operations	1,535,943	1,521,669	14,274	0.9%	11,506,037	11,007,158	498,879	4.5%
10 Engineering	219,154	169,657	49,497	29.2%	1,414,444	1,115,977	298,466	26.7%
11 Logistics	449,753	393,302	56,451	14.4%	2,620,855	2,513,058	107,797	4.3%
12 Communications	19,465	32,095	(12,629)	-39.4%	110,352	53,681	56,671	105.6%
13 Administration	330,464	379,663	(49,198)	-13.0%	2,001,512	2,366,887	(365,375)	-15.4%
14 Chief Financial Officer	234,390	309,694	(75,304)	-24.3%	1,940,332	1,725,192	215,140	12.5%
15 Continuous Improvement	4,276	-	4,276	0.0%	35,190	4	35,186	879649.3%
16 Overhead and Budget Adjustments	(341,416)	(256,027)	(85,389)	33.4%	(2,612,358)	(2,254,297)	(358,061)	15.9%
17 Non-Cash Operating Expenses	2,056,564	1,736,297	320,267	18.4%	16,279,936	13,846,787	2,433,150	17.6%
18 Total operating expenses	4,897,025	4,430,581	466,444	10.5%	36,349,275	32,646,975	3,702,300	11.3%
19 Operating income (loss)	(4,892,302)	(4,428,186)	(464,117)	10.5%	(36,323,508)	(32,607,079)	(3,716,429)	11.4%
Non-operating revenues (expense):								
20 Two-mill tax	641	212	429	202.8%	1,662	7,296	(5,634)	-77.2%
21 Three-mill tax	12,853,008	589,347	12,263,661	2080.9%	13,277,613	15,109,742	(1,832,129)	-12.1%
22 Six-mill tax	288,871	595,677	(306,806)	-51.5%	15,711,953	15,271,754	440,199	2.9%
23 Nine-mill tax	432,986	892,891	(459,905)	-51.5%	23,551,466	22,891,677	659,789	2.9%
24 Interest income	38,956	16,363	22,594	138.1%	116,428	94,668	21,760	23.0%
25 Other Income	-	-	-	0.0%	-	-	-	0.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%
28 Total non-operating revenues	13,614,461	2,094,490	11,519,971	550.0%	52,659,122	53,375,137	(716,015)	-1.3%
29 Income before capital contributions	8,722,159	(2,333,696)	11,055,855	-473.7%	16,335,614	20,768,058	(4,432,444)	-21.3%
30 Capital contributions	1,649,643	515,783	1,133,860	219.8%	3,912,595	5,878,275	(1,965,680)	-33.4%
31 Change in net position	10,371,802	(1,817,913)	12,189,715	-670.5%	20,248,209	26,646,333	(6,398,123)	-24.0%
32 Net position, beginning of year					1,099,210,875	1,000,776,299	98,434,576	9.8%
33 Net position, end of year					1,119,439,084	1,027,422,632	92,036,453	9.0%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
August 2017

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Budget	MTD Variance	%	YTD Actual	YTD Budget	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%
2 Sewerage service charges and delinquent fees	-	-	-	0.0%	-	-	-	0.0%
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%
4 Other revenues	4,723	-	4,723	0.0%	25,767	-	25,767	0.0%
5 Total operating revenues	4,723	-	4,723	0.0%	25,767	-	25,767	0.0%
Operating Expenses:								
6 Executive Director	89,174	35,599	53,575	150.5%	417,522	290,159	127,363	43.9%
7 Special Counsel	64,771	82,985	(18,214)	-21.9%	432,073	676,388	(244,315)	-36.1%
8 Security	234,486	254,656	(20,170)	-7.9%	2,203,380	2,075,625	127,755	6.2%
9 Operations	1,535,943	1,594,991	(59,048)	-3.7%	11,506,037	13,000,269	(1,494,232)	-11.5%
10 Engineering	219,154	285,054	(65,900)	-23.1%	1,414,444	2,323,383	(908,940)	-39.1%
11 Logistics	449,753	423,407	26,346	6.2%	2,620,855	3,451,054	(830,199)	-24.1%
12 Communications	19,465	28,302	(8,837)	-31.2%	110,352	230,681	(120,329)	-52.2%
13 Administration	330,464	285,055	45,409	15.9%	2,001,512	2,323,395	(321,883)	-13.9%
14 Chief Financial Officer	234,390	287,614	(53,223)	-18.5%	1,940,332	2,344,248	(403,916)	-17.2%
15 Continuous Improvement	4,276	11,462	(7,186)	-62.7%	35,190	93,421	(58,231)	-62.3%
16 Overhead and Budget Adjustments	(341,416)	(615,570)	274,153	-44.5%	(2,612,358)	(5,017,313)	2,404,955	-47.9%
17 Non-Cash Operating Expenses	2,056,564	2,460,027	(403,463)	-16.4%	16,279,936	18,647,609	(2,367,673)	-12.7%
18 Total operating expenses	4,897,025	5,133,582	(236,557)	-4.6%	36,349,275	40,438,919	(4,089,644)	-10.1%
19 Operating income (loss)	(4,892,302)	(5,133,582)	241,280	-4.7%	(36,323,508)	(40,438,919)	4,115,411	-10.2%
Non-operating revenues (expense):								
20 Two-mill tax	641	-	641	0.0%	1,662	-	1,662	0.0%
21 Three-mill tax	12,853,008	222,449	12,630,559	5678.0%	13,277,613	14,177,419	(899,806)	-6.3%
22 Six-mill tax	288,871	234,918	53,953	23.0%	15,711,953	14,972,118	739,835	4.9%
23 Nine-mill tax	432,986	352,128	80,858	23.0%	23,551,466	22,442,282	1,109,184	4.9%
24 Interest income	38,956	5,490	33,466	609.6%	116,428	349,896	(233,468)	-66.7%
25 Other income	-	14,685	(14,685)	-100.0%	-	935,924	(935,924)	-100.0%
26 Interest expense	-	(1,955)	1,955	-100.0%	-	(124,567)	124,567	-100.0%
27 Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%
28 Total non-operating revenues	13,614,461	827,716	12,786,746	1544.8%	52,659,122	52,753,071	(93,949)	-0.2%
29 Income before capital contributions	8,722,159	(4,305,867)	13,028,026	-302.6%	16,335,614	12,314,152	4,021,462	32.7%
30 Capital contributions	1,649,643	-	1,649,643	0.0%	3,912,595	-	3,912,595	0.0%
31 Change in net position	10,371,802	(4,305,867)	14,677,668	-340.9%	20,248,209	12,314,152	7,934,057	64.4%
32 Net position, beginning of year	-	-	-	-	1,099,210,875	1,000,776,299	98,434,576	9.8%
33 Net position, end of year	-	-	-	-	1,119,459,084	1,013,090,451	106,368,633	10.5%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR AND BEGINNING OF YEAR COMPARISONS
August 2017

Assets		A	B	C	D	E	F	G
		Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year
Noncurrent assets:								
1	Property, plant and equipment	1,469,052,691	167,869,867	11.4%	1,636,922,558	343,428,866	26.6%	1,293,493,692
2	Less: accumulated depreciation	312,928,858	23,681,573	7.6%	336,610,431	55,294,236	19.7%	281,316,195
3	Property, plant, and equipment, net	1,156,123,833	144,188,294	12.5%	1,300,312,127	288,134,630	28.5%	1,012,177,497
Restricted cash, cash equivalents, and investments								
4	Cash and cash equivalents restricted for capital projects	5,657,883	(943,655)	0.0%	4,714,228	266,474	6.0%	4,447,754
5	Debt service reserve	2,498,908	992	0.0%	2,499,900	2,342,846	1491.7%	157,054
6	Health insurance reserve	633,272	56,496	8.9%	689,768	30,602	4.6%	659,166
7	Total restricted cash, cash equivalents, and investments	8,790,063	(886,166)	-10.1%	7,903,897	2,639,923	50.2%	5,263,974
Designated cash, cash equivalents, and investments								
8	Cash and cash equivalents designated for capital projects	32,049,393	(9,463,623)	-29.5%	22,585,770	11,951,674	112.4%	10,634,096
9	Customer deposits	-	-	0.0%	-	-	0.0%	-
10	Other	1,172,970	(50,281)	-4.3%	1,122,689	(18,506)	-1.6%	1,141,195
11	Total designated cash and cash equivalents, and investments	33,222,363	(9,513,904)	-28.6%	23,708,459	11,933,168	1045.7%	11,775,291
Current assets:								
Unrestricted and undesignated								
12	Cash and cash equivalents	10,846,080	(404,984)	-3.7%	10,441,096	5,621,578	116.6%	4,819,518
Accounts receivable:								
13	Customers (net of allowance for doubtful accounts)	-	-	0.0%	-	-	0.0%	-
14	Taxes	8,044,268	1,818,994	22.6%	9,863,262	1,732,315	21.3%	8,130,947
15	Interest	-	-	0.0%	-	-	0.0%	-
16	Grants	4,587,113	1,555,141	33.9%	6,142,254	(805,462)	-11.6%	6,947,716
17	Miscellaneous	362,913	579,769	159.8%	942,682	(434,744)	-31.6%	1,377,426
18	Due from enterprise fund	(1,665,138)	1,401,403	-84.2%	(263,735)	2,488,519	-90.4%	(2,752,254)
19	Inventory of supplies	594,460	(99,997)	-16.8%	494,463	(111,965)	-18.5%	606,428
20	Prepaid expenses	253,613	(253,785)	-100.1%	(172)	(94,969)	-100.2%	94,797
21	Total unrestricted current assets	23,023,309	4,596,541	20.0%	27,619,850	8,395,272	43.7%	19,224,578
Other assets:								
22	Bond issue costs	-	-	0.0%	-	-	0.0%	-
23	Deposits	10,400	-	0.0%	10,400	-	0.0%	10,400
24	Total other assets	10,400	-	0.0%	10,400	-	0.0%	10,400
25	TOTAL ASSETS	1,221,169,968	138,384,765	11.3%	1,359,554,733	311,102,993	29.7%	1,048,451,740
Deferred outflows or resources:								
26	Deferred amounts related to net pension liability	6,360,010	-	0.0%	5,634,846	5,634,846	0.0%	-
27	Deferred loss on bond refunding	289,555	(53,523)	-18.5%	236,032	(107,041)	-31.2%	343,073
28	TOTAL DEFERRED OUTFLOWS OF RESOURCES	6,649,565	(778,687)	-11.7%	5,870,878	5,527,805	1611.3%	343,073
29	TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	1,227,819,533	137,606,077	-0.4%	1,365,425,610	316,630,797	1640.9%	1,048,794,813

**SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2017**

	A	B	C	D	E	F	G
	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year
NET ASSETS AND LIABILITIES							
Net position							
1 Net investments in capital assets	1,143,006,057	145,947,591	12.8%	1,288,953,648	291,646,193	29.2%	997,307,455
2 Restricted for Debt Service	2,498,908	992	0.0%	2,499,900	2,342,846	1491.7%	157,054
3 Unrestricted	(118,082,333)	(53,912,131)	45.7%	(171,994,464)	(92,926,589)	117.5%	(79,067,875)
4 Total net position	1,027,422,632	92,036,452	9.0%	1,119,459,084	201,062,450	21.9%	918,396,634
Long-term liabilities							
5 Claims payable	830,190	(313,291)	-37.7%	516,899	(347,819)	-40.2%	864,718
6 Net pension obligation	26,864,138	1,109,772	4.1%	27,973,910	21,955,188	364.8%	6,018,722
7 Other postretirement benefits liability	21,827,971	1,849,739	8.5%	23,677,710	5,178,779	28.0%	18,498,931
8 Bonds payable (net of current maturities)	11,481,672	(1,797,404)	-15.7%	9,684,268	(3,570,774)	-26.9%	13,255,042
9 Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-
10 Southeast Louisiana Project liability	115,703,588	48,291,920	41.7%	163,995,508	97,339,532	146.0%	66,655,976
11 Debt Service Assistance Fund Loan payable	3,202,606	(259,121)	-8.1%	2,943,485	(506,751)	-14.7%	3,450,236
12 Total long-term liabilities	179,910,165	48,881,615	27.2%	228,791,780	120,048,155	110.4%	108,743,625
Current liabilities (payable from current assets)							
13 Accounts payable and other liabilities	2,656,572	923,432	34.8%	3,580,004	(2,474,631)	-40.9%	6,054,635
14 Due to City of New Orleans	-	-	0.0%	-	-	0.0%	-
15 Disaster Reimbursement Revolving Loan	6,489,147	(5,800,369)	-89.4%	688,778	(6,294,670)	-90.1%	6,983,448
16 Retainers and estimates payable	1,728,653	(131,216)	-7.6%	1,597,437	1,145,746	253.7%	451,691
17 Due to other fund	36,549	4,839	13.2%	41,388	(41,439)	-50.0%	82,827
18 Accrued salaries, vacation and sick pay	2,262,815	85,962	3.8%	2,348,777	(171,532)	-6.8%	2,520,309
19 Claims payable	4,244,151	1,809,576	42.6%	6,053,727	2,455,463	68.2%	3,598,264
20 Debt Service Assistance Fund Loan payable	247,630	11,491	4.6%	259,121	22,631	9.6%	236,490
21 Advances from federal government	-	-	0.0%	-	-	0.0%	-
22 Other Liabilities	89,557	(68,842)	-76.9%	20,715	20,689	79573.1%	26
23 Total current liabilities (payable from current assets)	17,755,074	(3,165,127)	-17.8%	14,589,947	(5,337,743)	-26.8%	19,927,690
Current liabilities (payable from restricted assets)							
24 Accrued interest	106,697	(10,708)	-10.0%	95,989	(15,875)	-14.2%	111,864
25 Bonds payable	1,650,000	40,000	2.4%	1,690,000	75,000	4.6%	1,615,000
26 Retainers and estimates payable	-	-	0.0%	-	-	0.0%	-
27 Customer deposits	-	-	0.0%	-	-	0.0%	-
28 Total current liabilities (payable from restricted assets)	1,756,697	29,293	1.7%	1,785,989	59,125	3.4%	1,726,864
Total current liabilities	19,511,771	(3,135,835)	-16.1%	16,375,936	(5,278,618)	-24.4%	21,654,554
30 Total liabilities	199,421,935	45,745,780	22.9%	245,167,716	114,769,537	88.0%	130,398,179
Deferred inflows or resources:							
31 Deferred amounts related to net pension liability	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-
32 TOTAL DEFERRED INFLOWS OF RESOURCES	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-
33 Total Net Position, Liabilities and Deferred Inflows of Resources	1,227,819,533	137,782,232	11.2%	1,365,425,610	316,630,797	30.2%	1,048,794,813

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENTS OF CASH FLOWS
August 2017

	A YTD Current Year	B YTD Prior Year	C YTD Variance	D %	
Cash flows from operating activities					
1 Cash received from customers	-	-	-	0.0%	1
2 Cash payments to suppliers for goods and services	(15,641,243)	(10,877,663)	(4,763,580)	43.8%	2
3 Cash payments to employees for services	(10,832,815)	(17,039,510)	6,206,695	-36.4%	3
4 Other revenue	87,252	885,465	(798,213)	-90.1%	4
5 Net cash used in operating activities	(26,386,804)	(27,031,708)	644,904	-2.4%	5
Cash flows from noncapital financing activities					
6 Proceeds from property taxes	52,542,694	51,202,340	1,340,354	2.6%	6
7 Proceeds from federal operating and maintenance grants	-	-	-	0.0%	7
8 Cash received paid to an other government	-	-	-	0.0%	8
9 Net cash provided by noncapital financing activities	52,542,694	51,202,340	1,340,354	2.6%	9
Cash flows from capital and related financing activities					
10 Acquisition and construction of capital assets	(21,151,895)	(16,026,303)	(5,125,592)	32.0%	10
11 Principal payments on bonds payable	-	-	-	0.0%	11
12 Proceeds from bonds payable	-	-	-	0.0%	12
13 Payments for bond issuance costs	-	-	-	0.0%	13
14 Payment to refunded bond escrow agent	-	-	-	0.0%	14
15 Interest paid on bonds payable	0	-	0	0.0%	15
16 Proceeds from construction fund, net	(722,407)	(494,078)	(228,329)	46.2%	16
17 Capital contributed by developers and federal grants	6,343,442	5,671,628	671,814	11.8%	17
18 Net cash used in capital and related financing activities	(15,330,860)	(10,848,753)	(4,682,107)	43.2%	18
Cash flows from investing activities					
19 Payments for purchase of investments	-	-	-	0.0%	19
20 Proceeds from maturities of investments	-	-	-	0.0%	20
21 Investment income	116,428	78,305	38,123	48.7%	21
22 Net cash provided by investing activities	116,428	78,305	38,123	48.7%	22
23 Net increase (decrease) in cash	10,741,458	13,400,184	(2,658,726)	-19.8%	23
24 Cash at the beginning of the year	31,550,402	34,632,075	(3,081,673)	-8.9%	24
25 Cash at the end of the period	42,291,860	48,032,259	(5,740,399)	-12.0%	25
Reconciliation of cash and restricted cash					
26 Current assets - cash	10,441,099	3,328,329	7,112,770	213.7%	26
27 Current assets - designated	23,708,459	36,538,870	(12,830,411)	-35.1%	27
28 Restricted assets -cash	7,903,897	8,165,060	(261,163)	-3.2%	28
29 Total cash	42,053,455	48,032,259	(5,978,804)	-12.4%	29

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENTS OF CASH FLOWS
August 2017

	A	B	C	D
	YTD	YTD	YTD	%
	Current Year	Prior Year	Variance	
1 Reconciliation of operating loss to net cash used in operating activities is as follows:				
Operating loss	(36,323,508)	(28,178,890)	(8,144,618)	28.9%
2 Adjustments to reconcile net operating loss to net cash used in operating activities:				
3 Depreciation	14,222,905	10,041,805	4,181,100	41.6%
4 Provision for claims	451,895	290,405	161,490	55.6%
5 Provision for (revision) doubtful accounts	-	-	-	0.0%
Amortization	-	-	-	0.0%
Change in operating assets and liabilities:				
6 (Increase) decrease in customer and other receivables	-	-	-	0.0%
7 Increase in inventory	(0)	-	(0)	0.0%
8 Increase (decrease) in deferred outflows of resources related to net pension liability	-	-	-	0.0%
9 Increase (decrease) in prepaid expenses and other receivables	(731,102)	(6,763,850)	6,032,749	-89.2%
10 Decrease in net pension asset	-	-	-	0.0%
11 Increase (decrease) in accounts payable	(7,391,448)	(4,220,801)	(3,170,647)	75.1%
12 Increase (decrease) in accrued salaries, due to pension and accrued vacation and sick pay	1,477,442	(91,387)	1,568,829	-1716.7%
13 Increase in net other postretirement benefits liability	1,054,914	1,054,913	1	0.0%
14 Increase (decrease) in net pension obligation	1,057,358	1,057,233	125	0.0%
15 Decrease in other liabilities	(205,262)	(221,135)	15,873	-7.2%
16 Increase (decrease) in deferred inflows of resources related to net pension liability	-	-	-	0.0%
17 Net cash used in operating activities	(26,386,804)	(27,031,708)	644,903	-2.4%

Sewerage and Water Board of New Orleans
Comparative Variance Indicators for Financial Results
Through August 2017

Statement of Revenues, Expenses, and Changes in Net Position with Prior Year Comparisons	Total	Water	Sewer	Drainage
Revenues	Green	Green	Green	Yellow
Operating Expenses	Yellow	Green	Yellow	Yellow
Non-Operating Revenues and Expenses	Yellow	Yellow	Yellow	Yellow
Income before Capital Contributions	Green	Green	Yellow	Yellow
Statement of Revenues, Expenses, and Changes in Net Position with Budget Comparisons	Total	Water	Sewer	Drainage
Revenues	Yellow	Yellow	Yellow	Green
Operating Expenses	Green	Green	Green	Green
Non-Operating	Yellow	Yellow	Yellow	Yellow
Income before C	Green	Green	Green	Green
Statement of Net Position with Prior Year Comparisons	Total	Water	Sewer	Drainage
Plant, Property, & Equipment	Green	Green	Green	Green
Restricted Current Assets	Yellow	Yellow	Yellow	Yellow
Unrestricted Designated Current Assets	Yellow	Green	Yellow	Yellow
Unrestricted Undesignated Current Assets	Green	Green	Green	Green
Net Position	Green	Green	Green	Green
Long-Term Liabilities	Yellow	Green	Green	Yellow
Current Liabilities from Unrestricted Assets	Yellow	Green	Yellow	Green
Current Liabilities from Restricted Assets	Yellow	Yellow	Yellow	Yellow
Statement of Cash Flows with Prior Year Comparisons	Total	Water	Sewer	Drainage
Operating Activities	Yellow	Green	Yellow	Yellow
Non-Capital Financing Activities	Green	Green	Green	Green
Capital and Related Financing Activities	Yellow	Yellow	Yellow	Yellow
Investing Activities	Yellow	Yellow	Yellow	Green
Net Increase in Cash	Yellow	Yellow	Yellow	Yellow

20 copies

Green = Favorable Variance
Yellow = Unfavorable Variance / No Action Recommended
Red = Unfavorable Variance / Action Recommended



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: October 13, 2017

To: Valerie Rivers, Deputy Director of Logistics

From: James Thompson, Legal Department

Re: ATCO Services dispute with Plant-N-Power

We have conducted an extensive investigation into the above referenced matter. This report is a summary of our findings. During the course of this investigation, we have spoken to representatives from both ATCO Services, LLC and Plant-N-Power Services, Inc. and have reviewed hundreds of pages of documents, including months of correspondence between representatives of both companies.

On October 6, 2014, the S&WB entered into Contract 1378 with Plant-N-Power to perform hurricane related repairs to boilers/duct/elevator at its main purification plant power complex. Plant-N-Power initially approached ATCO to discuss having ATCO perform asbestos abatement called for in the contract. Upon learning that ATCO was not certified to perform asbestos abatement, Plant-N-Power and ATCO agreed that ATCO would provide scaffolding services. At some point Plant-N-Power and ATCO agreed that Plant-N-Power would hire ATCO to perform scaffolding services for other jobs that Plant-N-Power was working in the region. The S&WB had no involvement with either Plant-N-Power or ATCO on business dealings the two firms had outside of Contract 1378.

Contract 1378 called for invoicing and payment based on project completion milestones. The contract did not call for any invoicing based on hours worked by any employees of either Plant-N-Power or ATCO. Plant-N-Power did not bill the S&WB for any work done by ATCO employees.

Under the S&WB's DBE compliance procedures, Plant-N-Power was required to submit certified payroll records to the DBE department to show what percentage of Contract 1378 was being paid to DBE firms. In order to obtain its certified payroll for submission to the S&WB, ATCO was required to submit its certified payroll to Plant-N-Power. Plant-N-Power would then forward the certified payroll it received from ATCO to the S&WB. Unfortunately, when ATCO submitted its certified payroll to Plant-N-Power, such payroll included all hours worked by ATCO on all jobs for Plant-N-Power. When this fact was brought to Plant-N-Power's attention, Plant-N-Power promptly notified ATCO that it would need to resubmit its certified payroll records for submission to the S&WB and only include

the hours worked on Contract 1378. Eventually, ATCO agreed to correct its payroll and accurate records were submitted to the S&WB.

ATCO is no longer performing any work for Plant-N-Power under Contract 1378. There is no dispute that ATCO has been paid by Plant-N-Power for all work done under Contract 1378.

Russell Kelly is the owner of ATCO Services, LLC. On July 6, 2017, Russell Kelly, individually and *pro se*, filed a lawsuit in Civil District Court (suit no. 2017-6534) against named defendants "Plant-N-Power Services, LLP" and "CH2M". The S&WB is not a party to that lawsuit and has no involvement with any of the underlying allegations. Notably, ATCO Services, LLC is also not a party to that lawsuit.

Any work performed by ATCO under Contract 1378 has been completed and paid for and there is nothing else that is required of the S&WB at this time.

**Sewerage and Water Board of New Orleans
Customer Service Report
Indicators of Metric Results
September 2017**

	Goal	Goal Met		Within Control Limits		Trend
Billing Accuracy / Reasonable						
	Meters Read					
	Estimated Bills					
	High Bill Complaints					
	Adjusted Bills					
Call Center	Customer Contacts					
	Call Wait Time Answered					
	Call Wait Time Abandoned					
	Abandoned Calls					
	Emergency Abandoned Calls					
Problem Resolution						
	Low Water Pressure					
	Water System Leaks					
	Sewer System Leaks					
Collections Effectiveness	Accounts Off for Non-Payment					
	Receivables 30 to 120 Days Old					
	Receivables 120 Days and Older					

Green = Favorable Variance
Yellow = Minimal Variance / No Action Recommended
Red = Unfavorable Variance / Action Recommended

Sewerage and Water Board of New Orleans

Meters Read as a Percentage of Total Meters

Constituency:
Customer Ratepayers

Objective: Provide
Accurate Bills

Goal: Read 98% or
more of meters each
month

Currently Meeting
Goal: No

Process Operating
Within Control Limits:
No

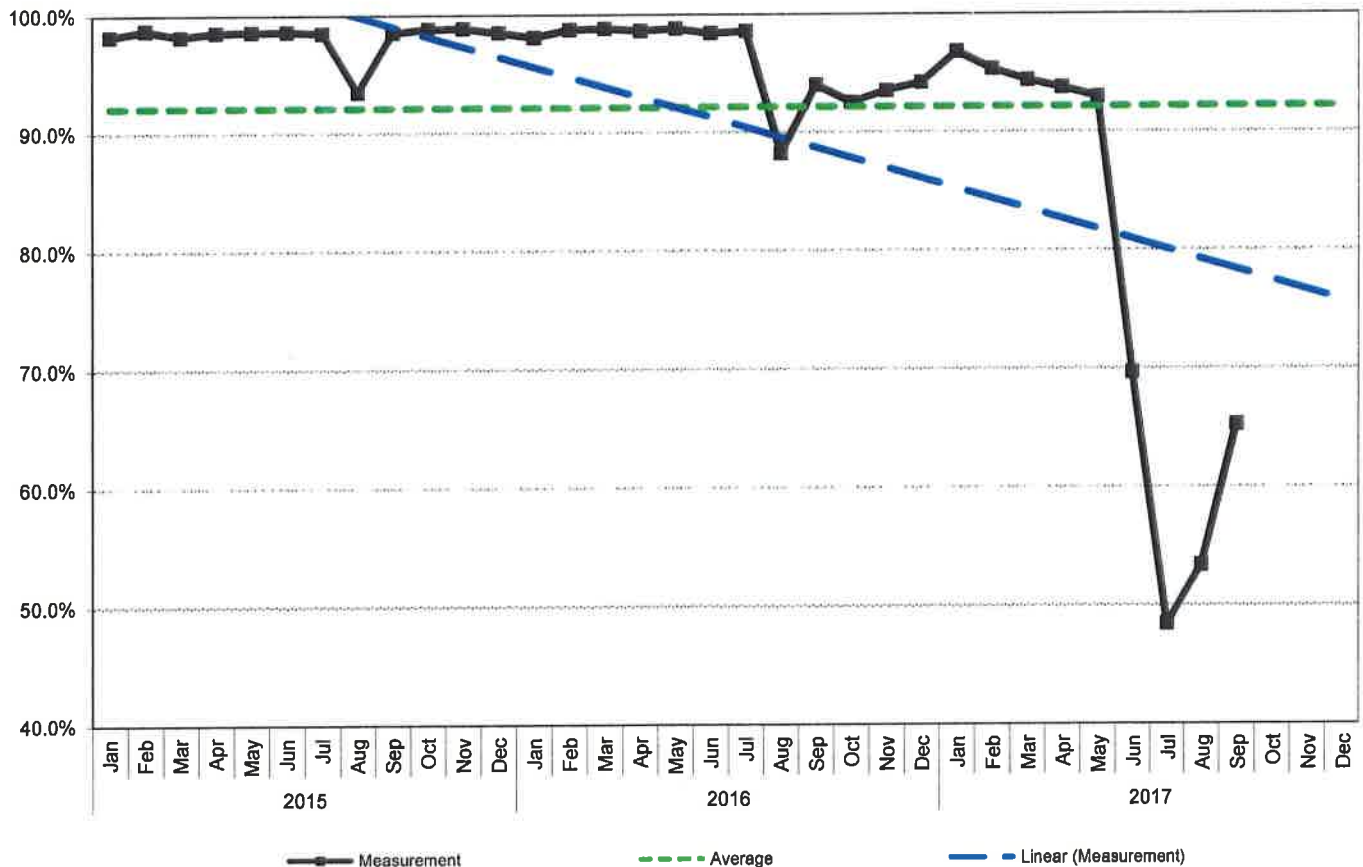
Trend: UnFavorable

Analysis

The purpose of the customer billing and collection processes is to collect revenues from customer accounts that are billed according to the service rules and are based upon accurate metered consumption. Obtaining an accurate reading is the first step in that process. Staff has maintained a reading rate near or above the goal since April 2010 except for three months affected by weather events. Recent reductions in overtime have resulted in an increased number of occasions when entire routes are estimated.

Plans for Improvement

Staff is working to reduce the number of estimated and erroneous readings. Also, the Automated Meter Reading pilot project is also intended to reduce the number of estimated and erroneous readings, as well as to reduce the cost of obtaining a validated reading.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	98.2%	98.7%	98.2%	98.5%	98.6%	98.6%	98.5%	93.5%	98.5%	98.8%	98.9%	98.5%
2016	98.1%	98.7%	98.8%	98.6%	98.8%	98.4%	98.6%	88.2%	94.0%	92.5%	93.5%	94.2%
2017	96.8%	95.3%	94.4%	93.7%	93.0%	69.7%	48.5%	53.4%	65.3%			

Sewerage and Water Board of New Orleans

Bills Estimated as a Percentage of Total Bills

EUM Attribute:
Customer Satisfaction

Description: Provides reliable, responsive, and affordable services in line with explicit, customer-accepted service levels. Receives timely customer feedback to maintain responsiveness to customer needs and emergencies.

Constituency:
Customer Ratepayers

Objective: Provide Accurate Bills

Goal: Bill Accounts With Less Than 2% Estimated

Currently Meeting Goal: **No**

Process Operating Within Control Limits:
No

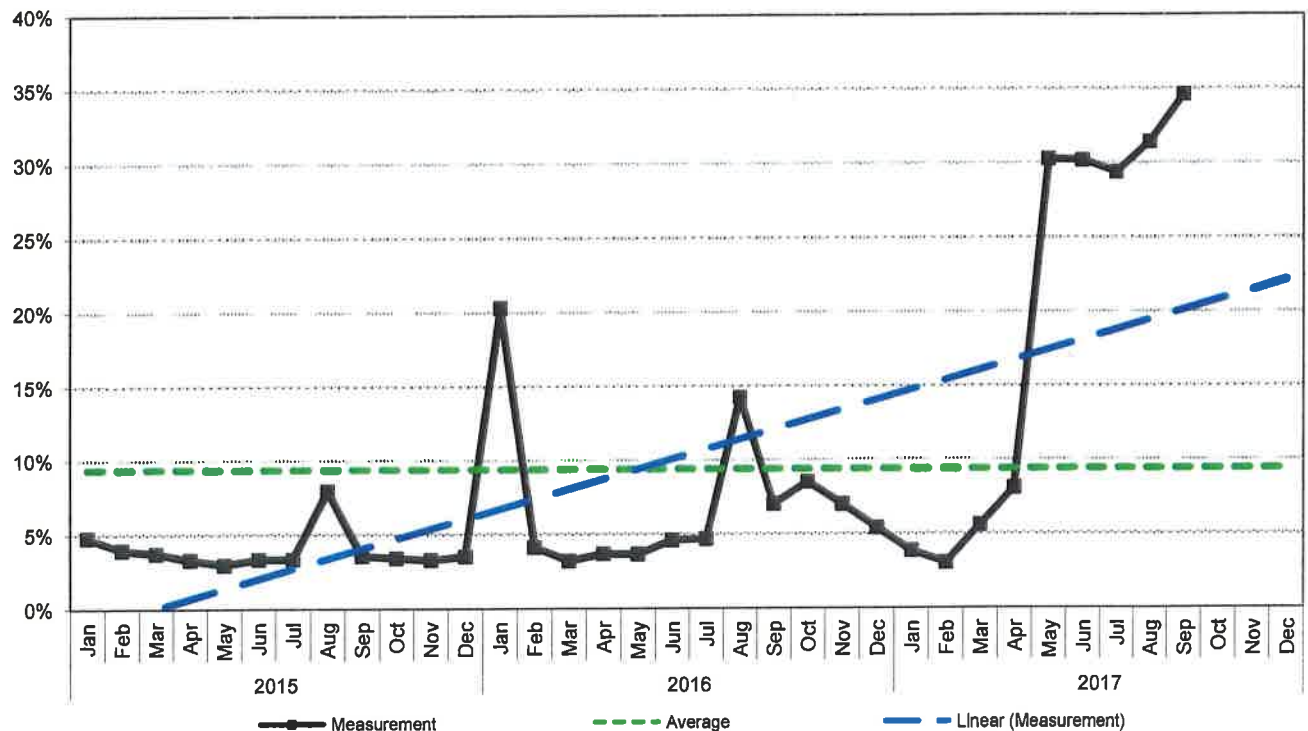
Trend: **Unfavorable**

Analysis

A bill is estimated if the meter is not read by the designated billing date. Bills are also estimated when a meter is read and the reliability of the reading is doubtful and the account is placed on an exception report. If the reading is not verified by the billing date, the bill will be estimated. Spikes in estimated bills usually occur when the Meter Reading department is unable to read a large section of meters during extreme weather.

Plans for Improvement

Current plans are focused on obtaining readings for accounts each month and verifying the reliability of each reading. Future plans will focus on advanced metering infrastructure that allows for readings to be obtained automatically several times daily.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	4.8%	4.0%	3.7%	3.3%	3.0%	3.4%	3.4%	7.9%	3.6%	3.4%	3.3%	3.5%
2016	20.3%	4.1%	3.2%	3.7%	3.7%	4.6%	4.7%	14.2%	7.0%	8.5%	7.0%	5.4%
2017	3.9%	3.1%	5.6%	8.1%	30.3%	30.2%	29.4%	31.4%	34.6%			

Sewerage and Water Board of New Orleans

Investigations from High Bill Complaints as a Percentage of Total Bills

Constituency:
Customer Ratepayers

Objective: Provide
Accurate Bills

Goal: Reduce
percentage over time

Currently Meeting
Goal: No

Process Operating
Within Control Limits:
Close

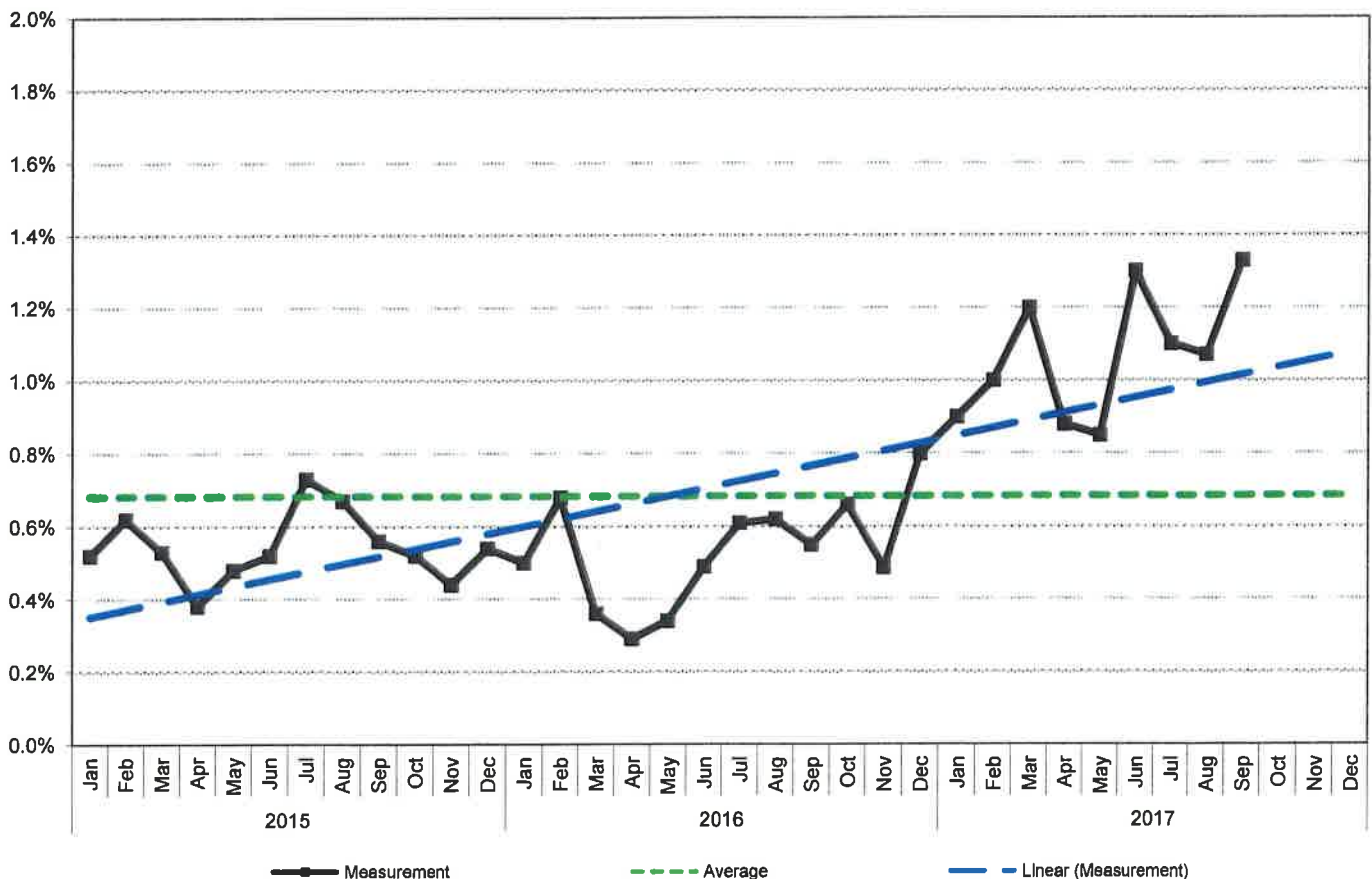
Trend: Unfavorable

Analysis

Customers request an investigation about their usage when the bill is higher than normal amounts. The higher billed amount may be due to: a leak; one or more estimated readings followed by an actual reading; an erroneous meter reading; or increased water, sewer, or sanitation rates. Before an adjustment can be made, an inspection of the meter and service line must be performed.

Plans for Improvement

Staff is working to reduce the number of estimated and erroneous readings. Also, the Automated Meter Reading pilot project is also intended to reduce the number of estimated and erroneous readings, as well as to reduce the cost of obtaining a validated reading.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	0.5%	0.6%	0.5%	0.4%	0.5%	0.5%	0.7%	0.7%	0.6%	0.5%	0.4%	0.5%
2016	0.5%	0.7%	0.4%	0.3%	0.3%	0.5%	0.6%	0.6%	0.6%	0.7%	0.5%	0.8%
2017	0.9%	1.0%	1.2%	0.9%	0.9%	1.3%	1.1%	1.1%	1.3%			

Sewerage and Water Board of New Orleans

Bills Adjusted as a Percentage of Total Bills Computed

Constituency:
Customer Ratepayers

Objective: Provide
Accurate Bills

Goal: Reduce
percentage over
time

**Currently Meeting
Goal: Yes**

**Process Operating
Within Control Limits:
Yes**

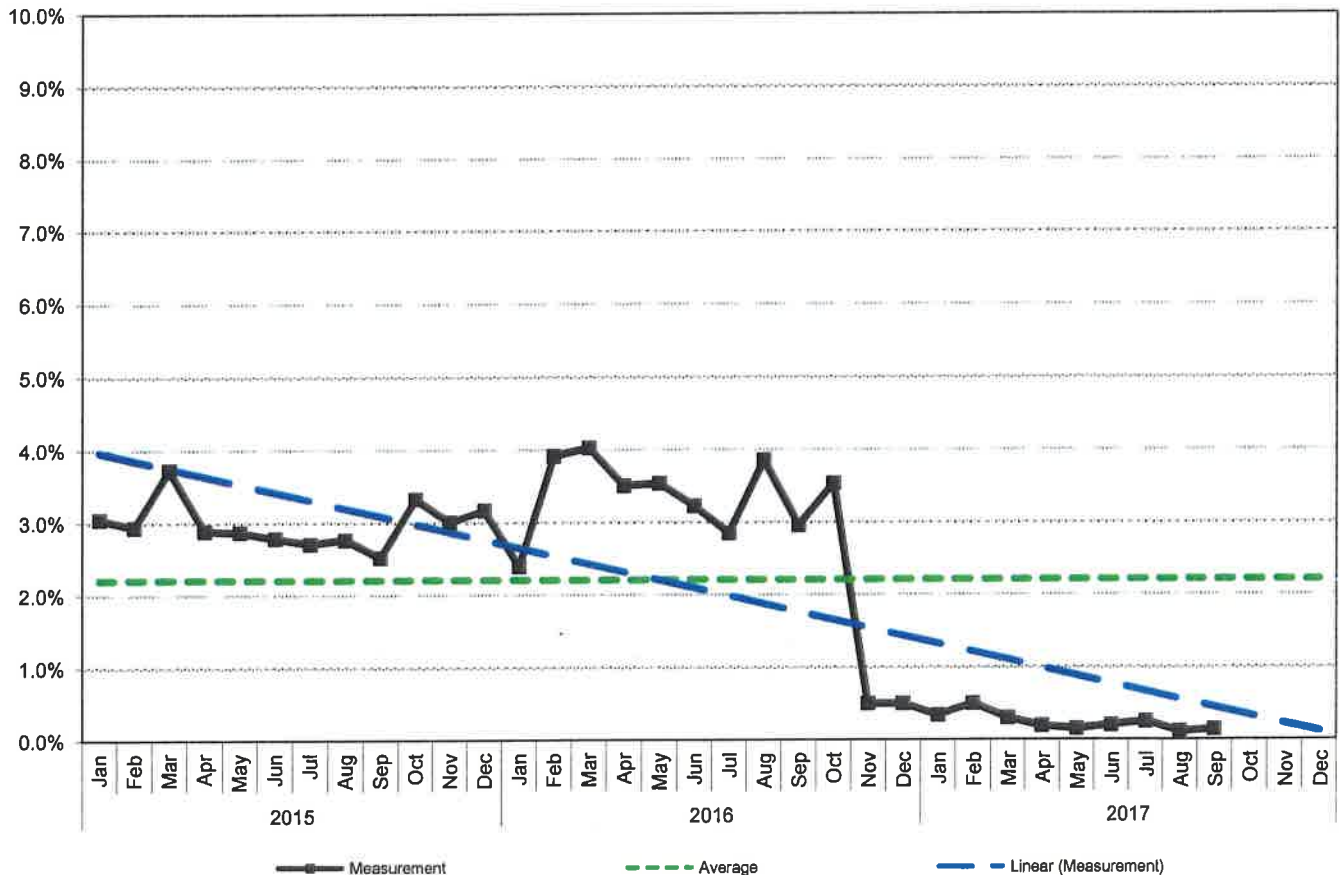
Trend: Favorable

Analysis

Customers request adjustments to their bill due to higher than normal amounts. The higher billed amount may be due to: a leak; one or more estimated readings followed by an actual reading; an erroneous meter reading; or increased water, sewer, or sanitation rates. Before an adjustment can be made, an inspection of the meter and service line must be performed.

Plans for Improvement

Adjustments have reduced sharply following implementation of the new billing system as a result of the ability to correct a bill by cancelling and rebilling rather than by adjustment.



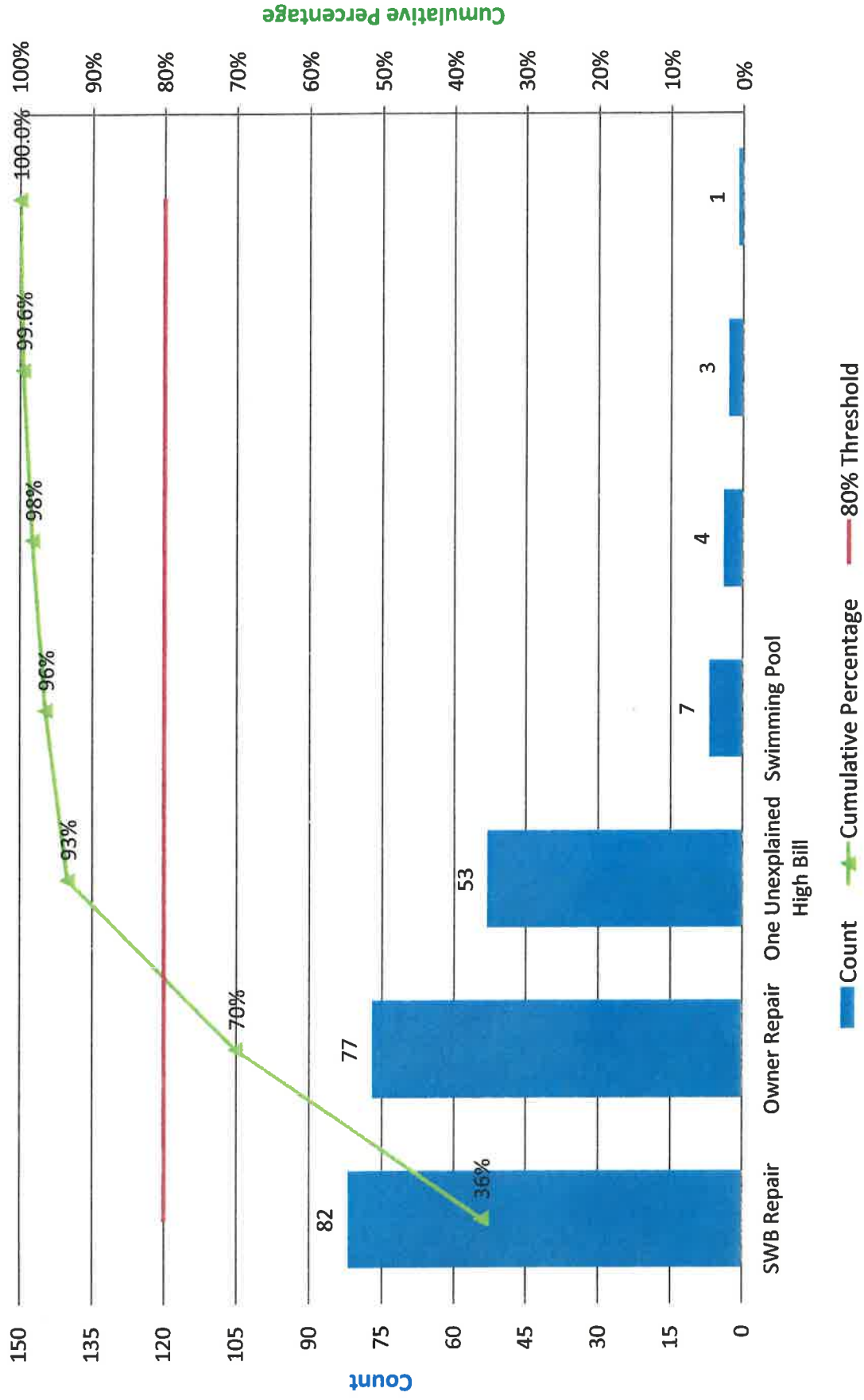
Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	3.1%	2.9%	3.7%	2.9%	2.9%	2.8%	2.7%	2.8%	2.5%	3.3%	3.0%	3.2%
2016	2.4%	3.9%	4.0%	3.5%	3.5%	3.2%	2.9%	3.9%	3.0%	3.5%	0.5%	0.5%
2017	0.3%	0.5%	0.3%	0.2%	0.2%	0.2%	0.3%	0.1%	0.1%			

Sewerage and Water Board of New Orleans

Reasons for Adjustments

September 2017



Sewerage and Water Board of New Orleans

Total Inbound Customer Contacts

Constituency:
Customer
Ratepayers

Currently Meeting
Goal: Close

Objective: Provide Timely
Information and Respond
Promptly to Requests

Process Operating
Within Control
Limits: Yes

Goal: Reduce
Triggers of Customer
Calls

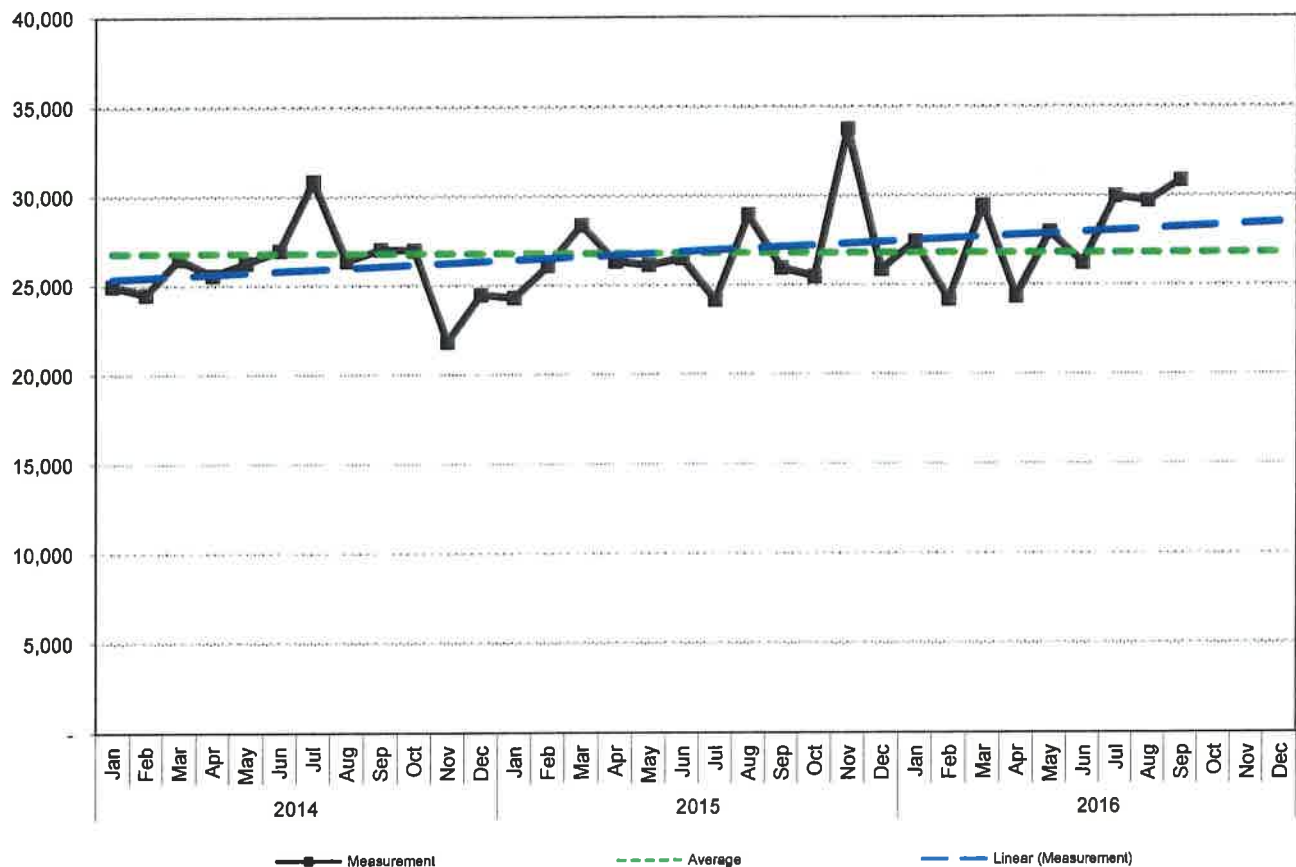
Trend: Favorable

Analysis

Customers contact the Sewerage and Water Board to start or end service; to request information about their bill; to report concerns about their water service, sewer connection, street flooding, or solid waste sanitation service; and other matters. The Call Center for emergency repairs is operated continuously, while the Call Center for billing and non-emergency issues is operated from 7 AM to 7 PM. Call volumes can vary significantly month to month. Calls increased sharply after go-live on new system.

Plans for Improvement

Engage a consultant to re-engineer the call center processes for receiving and handling calls.



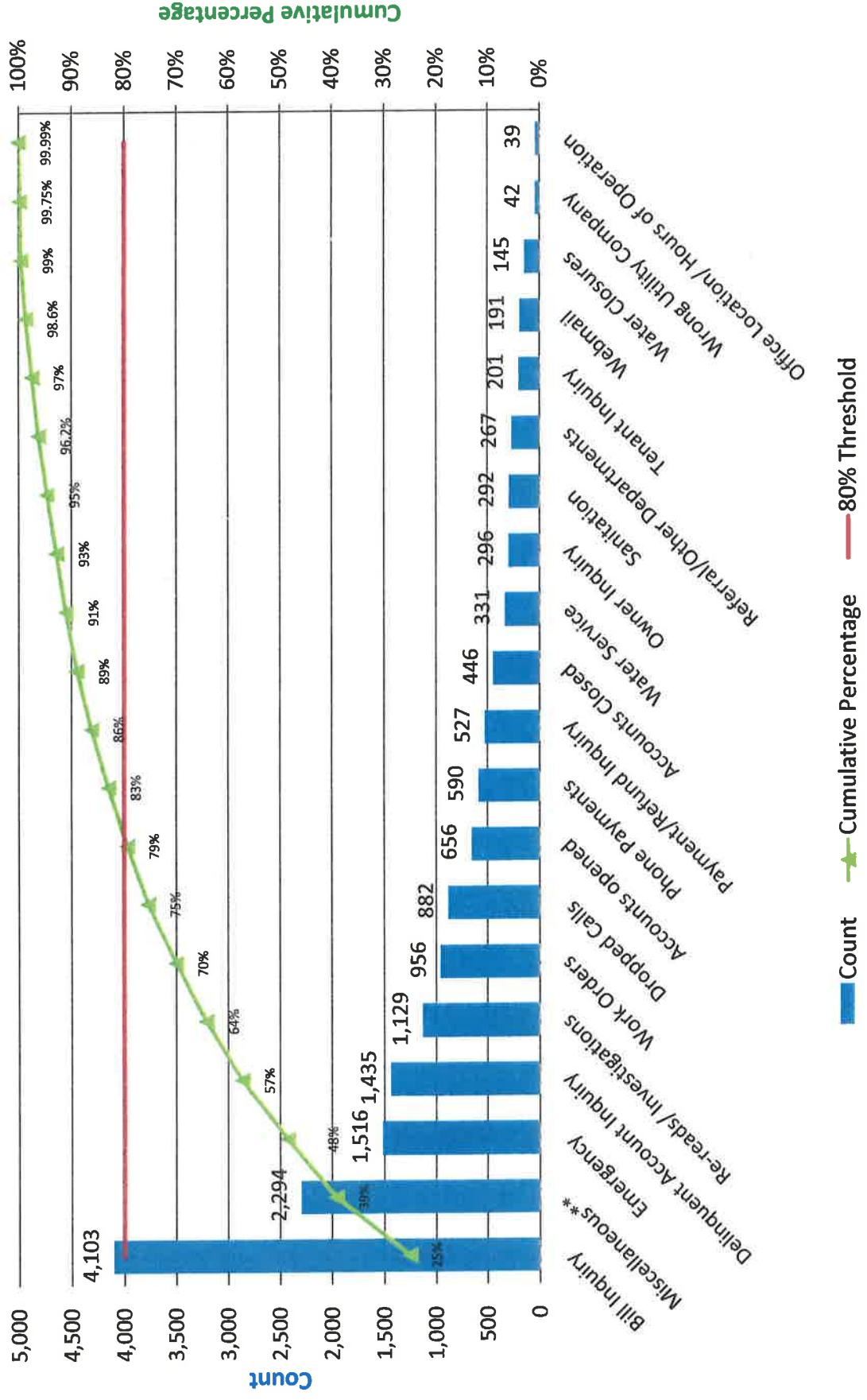
Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2014	24,967	24,496	26,486	25,565	26,261	26,963	30,836	26,368	27,019	26,973	21,816	24,469
2015	24,311	26,089	28,365	26,333	26,121	26,515	24,149	28,942	25,958	25,483	33,746	25,866
2016	27,425	24,169	29,436	24,346	27,955	26,222	29,969	29,698	30,844			

Sewerage and Water Board of New Orleans

Types of Customer Calls

September 2017



Sewerage and Water Board of New Orleans

Average Call Wait Time for Calls Answered

Constituency:
Customer Ratepayers

Objective: Provide
Accurate Bills

Goal: Reduce over
time

**Currently Meeting
Goal:** No

**Process Operating
Within Control Limits:**
Yes

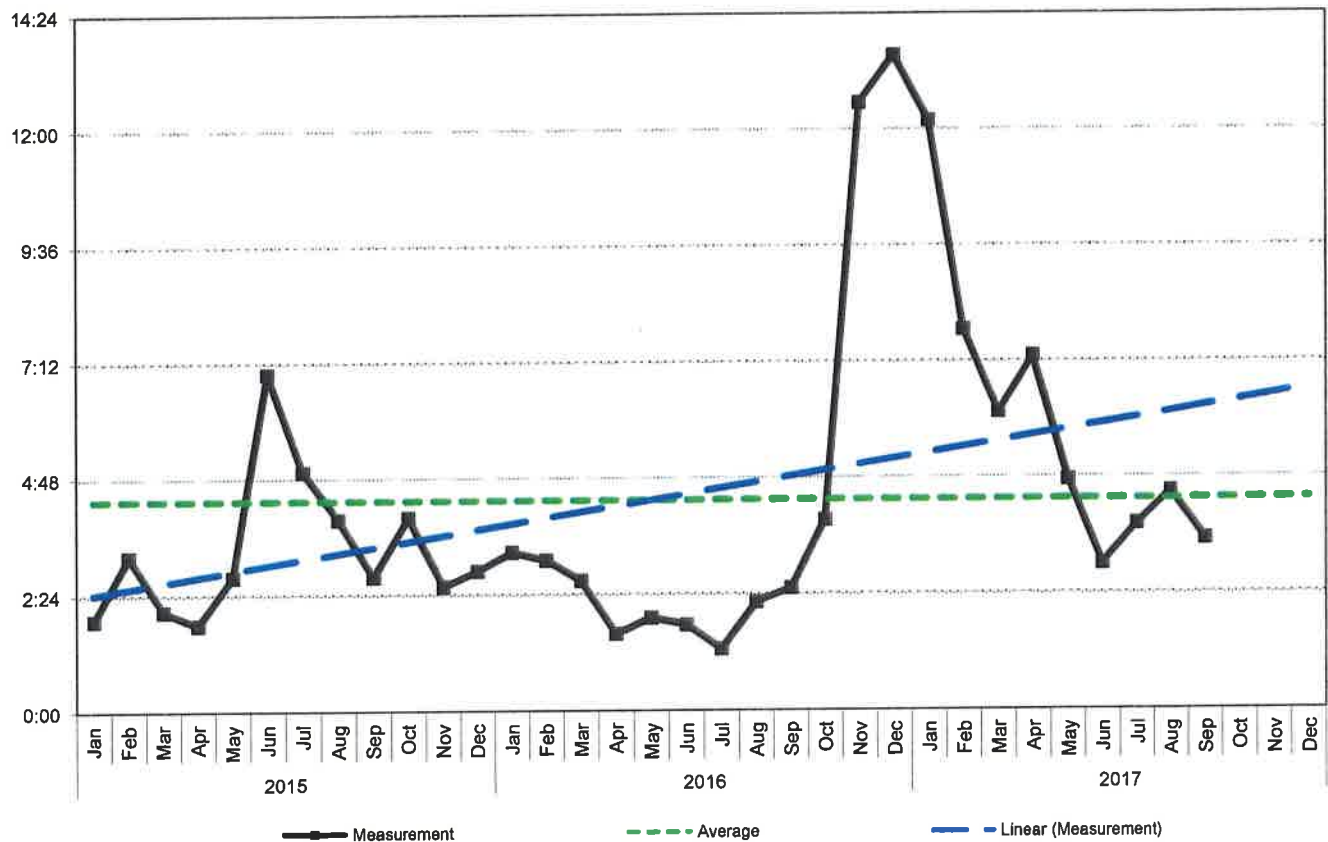
Trend: Level

Analysis

Customers contact the Sewerage and Water Board to start or end service; to request information about their bill; to report concerns about their water service, sewer connection, street flooding, or solid waste sanitation service; and other matters. The Call Center for emergency repairs is operated continuously, while the Call Center for billing and non-emergency issues is operated from 7 AM to 7 PM. Call volumes can vary significantly month to month. Call wait times have increased sharply while training and implementation for the new billing system occurs.

Plans for Improvement

Interactive voice response capabilities were implemented in October 2016 with the intent to reduce the volume of calls requiring Call Center assistance. We have provided customers with the opportunity to leave their contact information at a link on our website so that we can call them back during non-peak times..



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	1:53	3:11	2:04	1:47	2:46	6:58	4:56	3:57	2:46	3:59	2:34	2:53
2016	3:16	3:06	2:41	1:35	1:55	1:46	1:16	2:14	2:31	3:55	12:33	13:32
2017	12:11	7:51	6:08	7:18	4:44	3:00	3:49	4:29	3:30			

Sewerage and Water Board of New Orleans

Average Call Wait Time for Calls Abandoned

Constituency:
Customer Ratepayers

Objective: Provide
Accurate Bills

Goal: Reduce over
time

Currently Meeting
Goal: Yes

Process Operating
Within Control Limits:
Yes

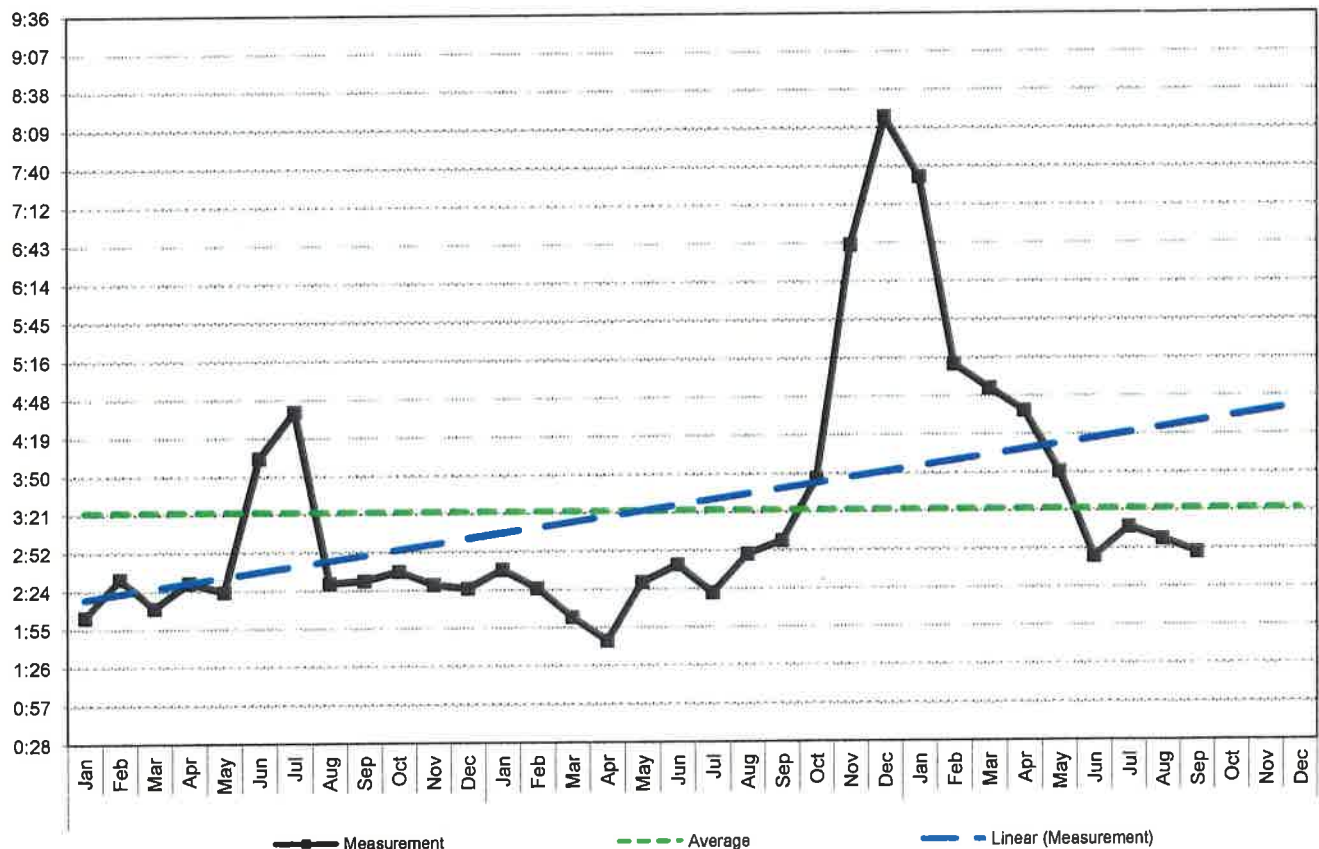
Trend: Favorable

Analysis

Customers contact the Sewerage and Water Board to start or end service; to request information about their bill; to report concerns about their water service, sewer connection, street flooding, or solid waste sanitation service; and other matters. The Call Center for emergency repairs is operated continuously, while the Call Center for billing and non-emergency issues is operated from 7 AM to 7 PM. Call volumes can vary significantly month to month.

Plans for Improvement

Interactive voice response capabilities were implemented in October 2016 with the intent to reduce the volume of calls requiring Call Center assistance. We have provided customers with the opportunity to leave their contact information at a link on our website so that we can call them back during non-peak times.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	2:04	2:33	2:11	2:30	2:23	4:04	4:39	2:29	2:31	2:38	2:28	2:25
2016	2:39	2:25	2:03	1:45	2:29	2:42	2:21	2:50	3:00	3:47	6:42	8:18
2017	7:33	5:12	4:54	4:37	3:51	2:47	3:09	3:00	2:50			

Sewerage and Water Board of New Orleans

Calls Abandoned by Customers as a Percentage of Total

Constituency:
Customer Ratepayers

Objective: Provide Timely
Information and Respond
Promptly to Requests

Goal: Respond to calls
with less than 10%
abandoned

Currently Meeting
Goal: No

Process Operating
Within Control Limits:
No

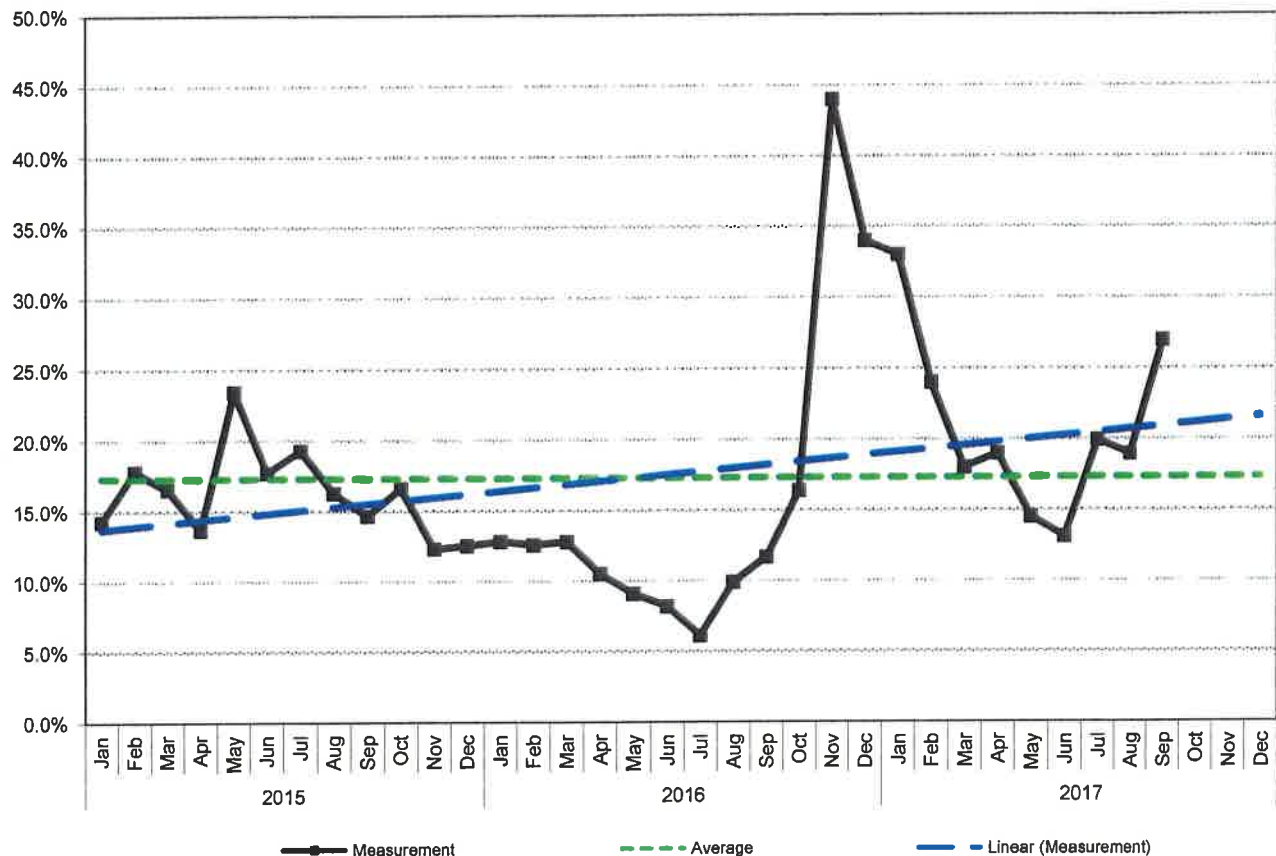
Trend: **Unfavorable**

Analysis

Customers abandon their calls after waiting for an amount of time considered inconvenient, which varies from customer to customer. Some portion of the volume of abandoned calls is from customers calling and hanging up on multiple occasions.

Plans for Improvement

Abandoned calls have returned to near historical levels following implementation of the new billing system.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	14.3%	17.8%	16.6%	13.7%	23.4%	17.7%	19.3%	16.3%	14.7%	16.6%	12.3%	12.5%
2016	12.8%	12.6%	12.8%	10.5%	9.1%	8.2%	6.1%	9.9%	11.7%	16.4%	44.0%	34.0%
2017	33.0%	24.0%	18.0%	19.0%	14.5%	13.1%	19.9%	19.0%	27.0%			

Sewerage and Water Board of New Orleans

Emergency Calls Abandoned by Customers as a Percentage of Total Emergency Calls

Constituency:
Customer Ratepayers

Objective: Provide Timely
Information and Respond
Promptly to Requests

Goal: Respond to calls
with less than 10%
abandoned

**Currently Meeting
Goal:** Yes

**Process Operating
Within Control Limits:**
Yes

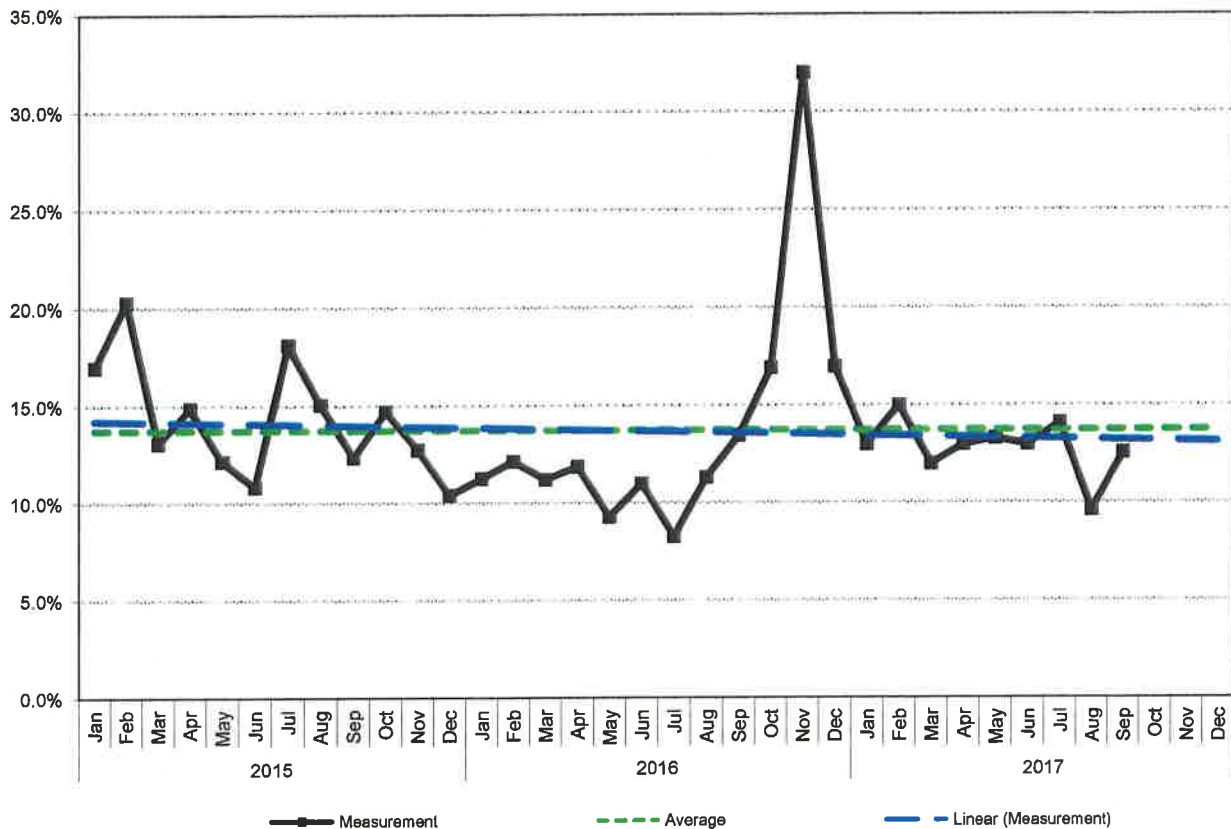
Trend: Level

Analysis

Customers abandon their calls after waiting for an amount of time considered inconvenient, which varies from customer to customer. Some portion of the volume of abandoned calls is from customers calling and hanging up on multiple occasions.

Plans for Improvement

Abandoned calls have returned to near historical levels following implementation of the new billing system.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	17.0%	20.3%	13.1%	14.9%	12.2%	10.8%	18.1%	15.1%	12.3%	14.7%	12.7%	10.4%
2016	11.3%	12.1%	11.2%	11.9%	9.3%	11.0%	8.3%	11.3%	13.5%	16.9%	32.0%	17.0%
2017	13.0%	15.0%	12.0%	13.0%	13.3%	13.0%	14.1%	9.6%	12.6%			

Sewerage and Water Board of New Orleans

Total Service Requests about Low Water Pressure

Constituency:
Customer
Ratepayers

**Currently Meeting
Goal: Yes**

**Objective: Provide Timely
Information and Respond
Promptly to Requests**

**Process Operating
Within Control
Limits: Yes**

**Goal: Reduce
Number of Service
Requests**

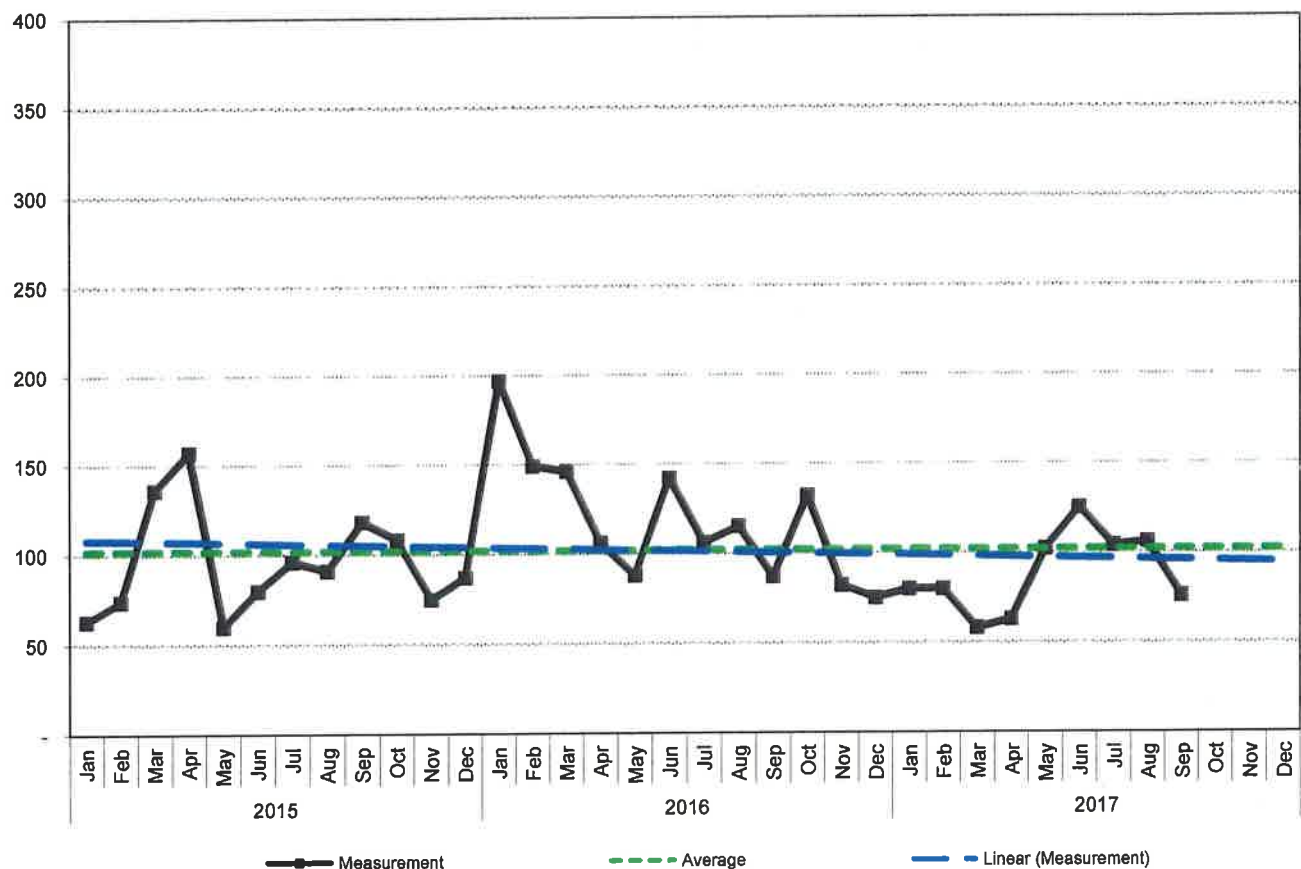
Trend: Favorable

Analysis

Customers contact the Sewerage and Water Board to request resolution to low water pressure. System pressure can be impaired by power failures at the treatment plants, by water main breaks, and by certain types of repair activities.

Plans for Improvement

Staff continues to make repairs to the water system to reduce the number of occasions of low pressure.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	63	74	136	157	60	80	96	91	118	108	75	87
2016	197	149	146	106	88	142	106	115	87	132	82	75
2017	80	80	58	63	102	125	104	106	76			

Sewerage and Water Board of New Orleans

Total Service Requests for Water System Leaks

Constituency:
Customer
Ratepayers

**Currently Meeting
Goal: No**

**Objective: Provide Timely
Information and Respond
Promptly to Requests**

**Process Operating
Within Control
Limits: No**

**Goal: Reduce
Number of Service
Requests**

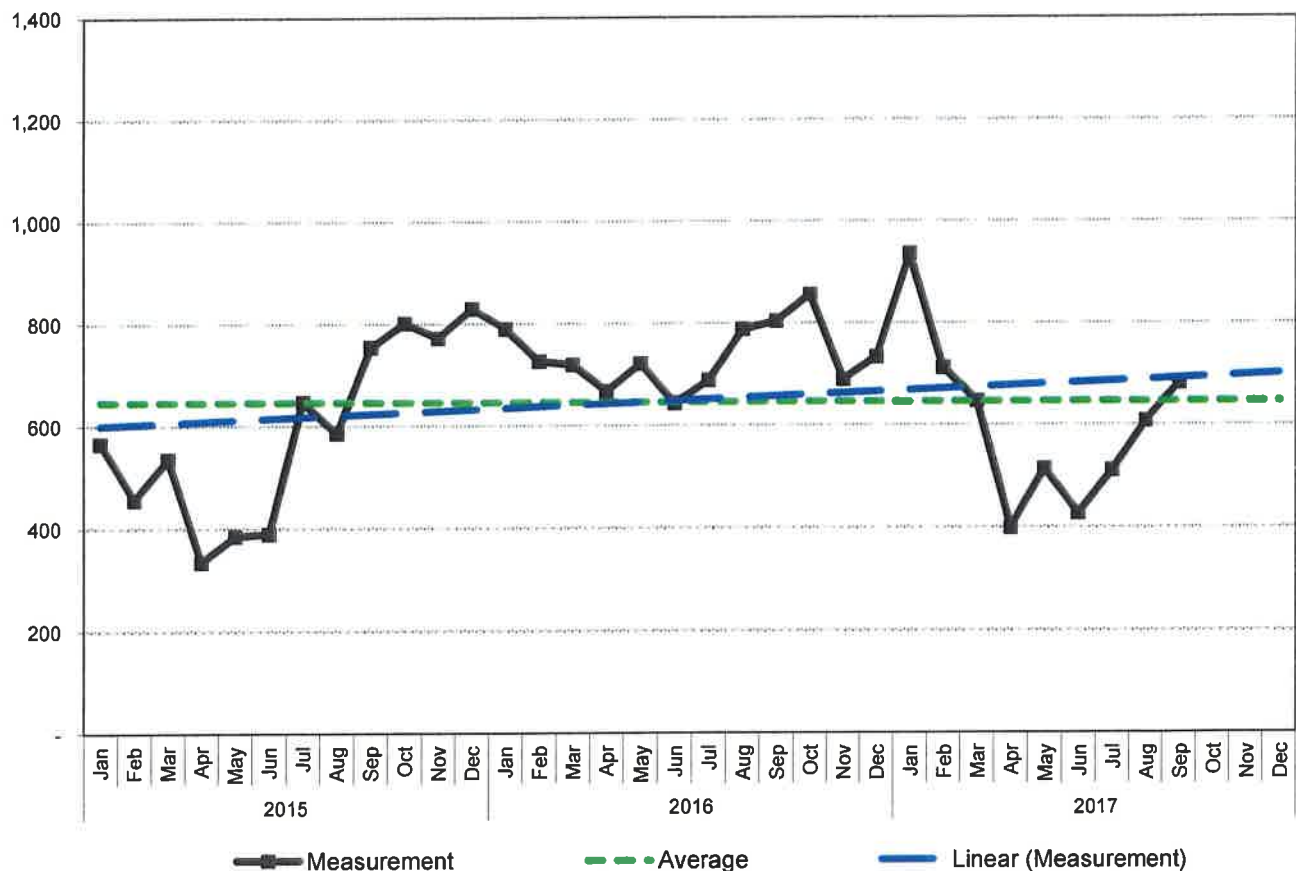
Trend: Unfavorable

Analysis

Customers contact the Sewerage and Water Board to request repairs to leaking mains, services and fire hydrants.

Plans for Improvement

Water mains with high frequency of failure are replaced as part of FEMA settlement.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	566	456	535	335	385	390	647	586	754	801	772	829
2016	790	726	719	667	721	643	688	788	804	856	690	734
2017	936	712	647	399	514	427	511	608	682			

Sewerage and Water Board of New Orleans

Total Service Requests for Sewer System Leaks

Constituency:
Customer
Ratepayers

**Currently Meeting
Goal: Yes**

**Objective: Provide Timely
Information and Respond
Promptly to Requests**

**Process Operating
Within Control
Limits: Yes**

**Goal: Reduce
Number of Service
Requests**

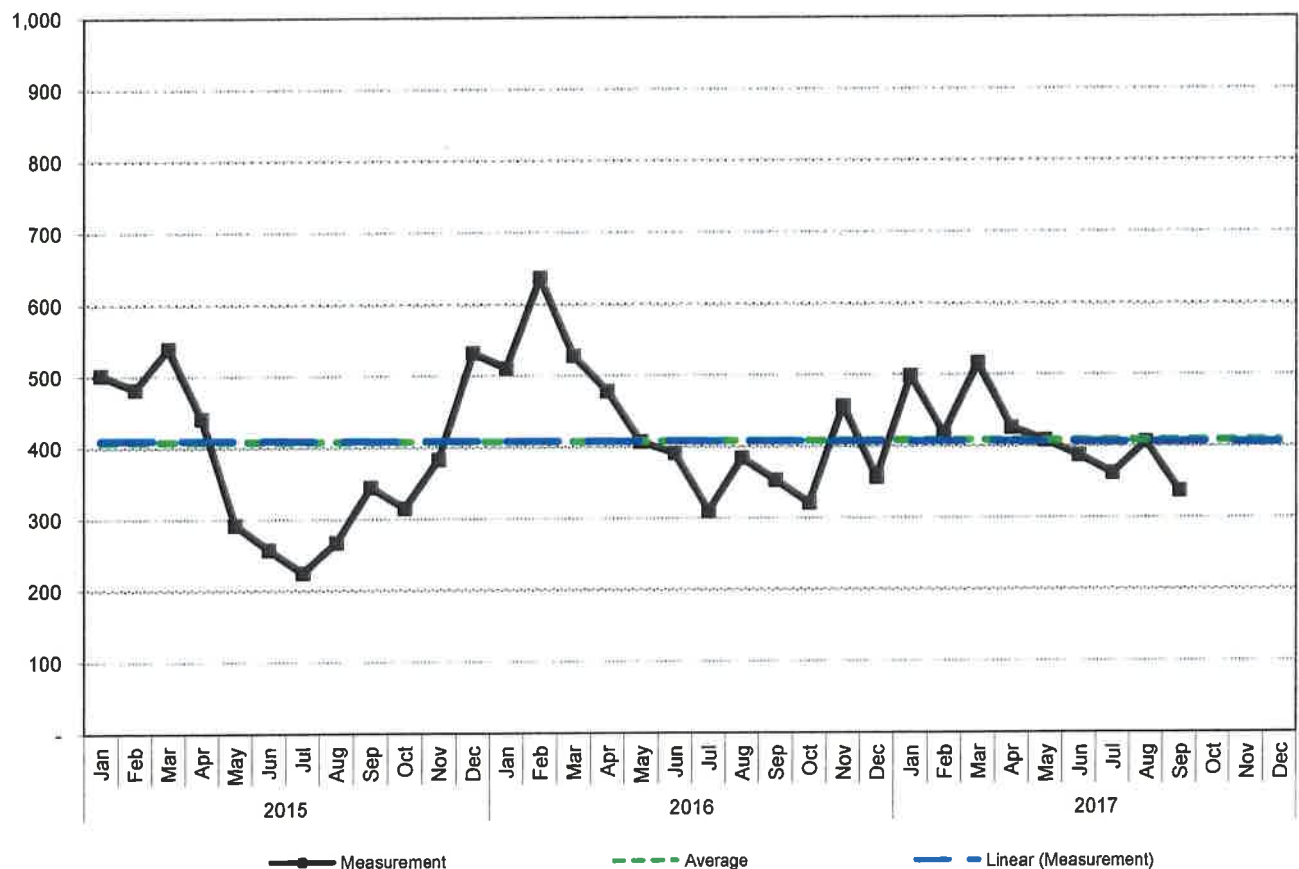
Trend: Favorable

Analysis

Customers contact the Sewerage and Water Board to request repairs to leaking sewer collection mains and service lines.

Plans for Improvement

Staff performs repairs as part of routine maintenance of the sewage collection system.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	502	482	539	441	292	257	225	267	344	315	383	532
2016	511	637	528	478	407	391	310	384	353	321	457	357
2017	499	418	517	426	408	387	362	406	337			

Sewerage and Water Board of New Orleans

Total Accounts Turned Off for Non-Payment

Constituency:
Customer
Ratepayers

Objective: Ensure
Collection of Payments for
Services Provided

Goal: None
Established

**Currently Meeting
Goal:** Not Applicable

**Process Operating
Within Control
Limits:** Yes

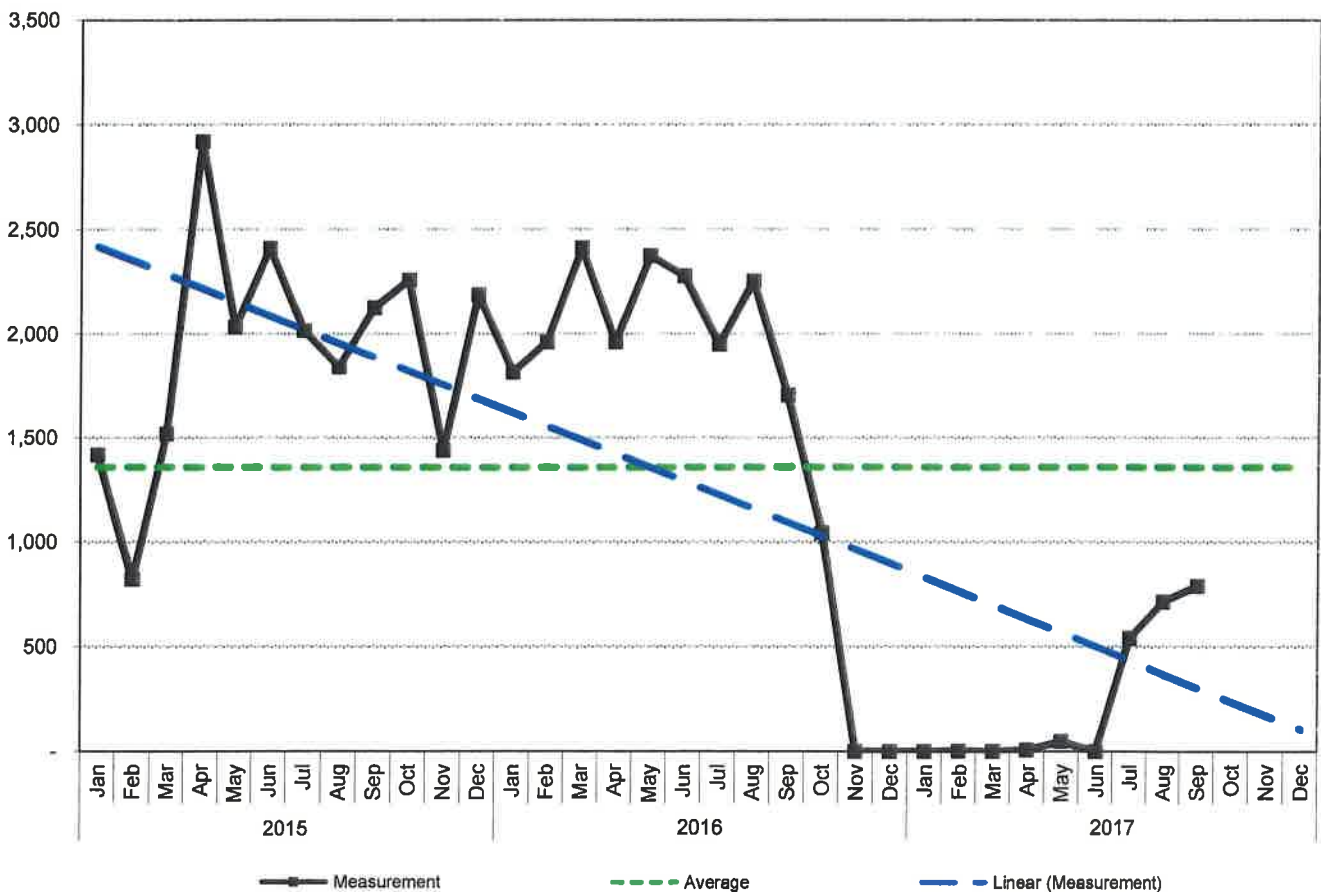
Trend: Stable

Analysis

Customers accounts are turned-off for non-payment for balances more than \$50 and over sixty days past due. Turn-offs were temporarily suspended following go-live on the new system.

Plans for Improvement

Non-payment turnoffs was be resumed on July 24, 2017 at a pace of approximately 50 accounts per day after contacting delinquent customers by mail and by phone.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	1,417	823	1,517	2,920	2,033	2,411	2,016	1,840	2,126	2,258	1,439	2,187
2016	1,816	1,962	2,412	1,960	2,375	2,278	1,950	2,254	1,706	1,043	-	-
2017	-	-	-	6	46	-	540	715	789	-	-	-

Sewerage and Water Board of New Orleans

Water and Sewer Receivables 30 to 120 Days Old

EUM Attribute: Financial Viability

Description: Establishes and maintains an effective balance between long-term debt, asset values, operations and maintenance expenditures, and operating revenues

Constituency: Customer Ratepayers

Objective: Efficient use of resources in providing services

Goal: None established

Currently Meeting Goal: Not Applicable

Process Operating Within Control Limits: Yes

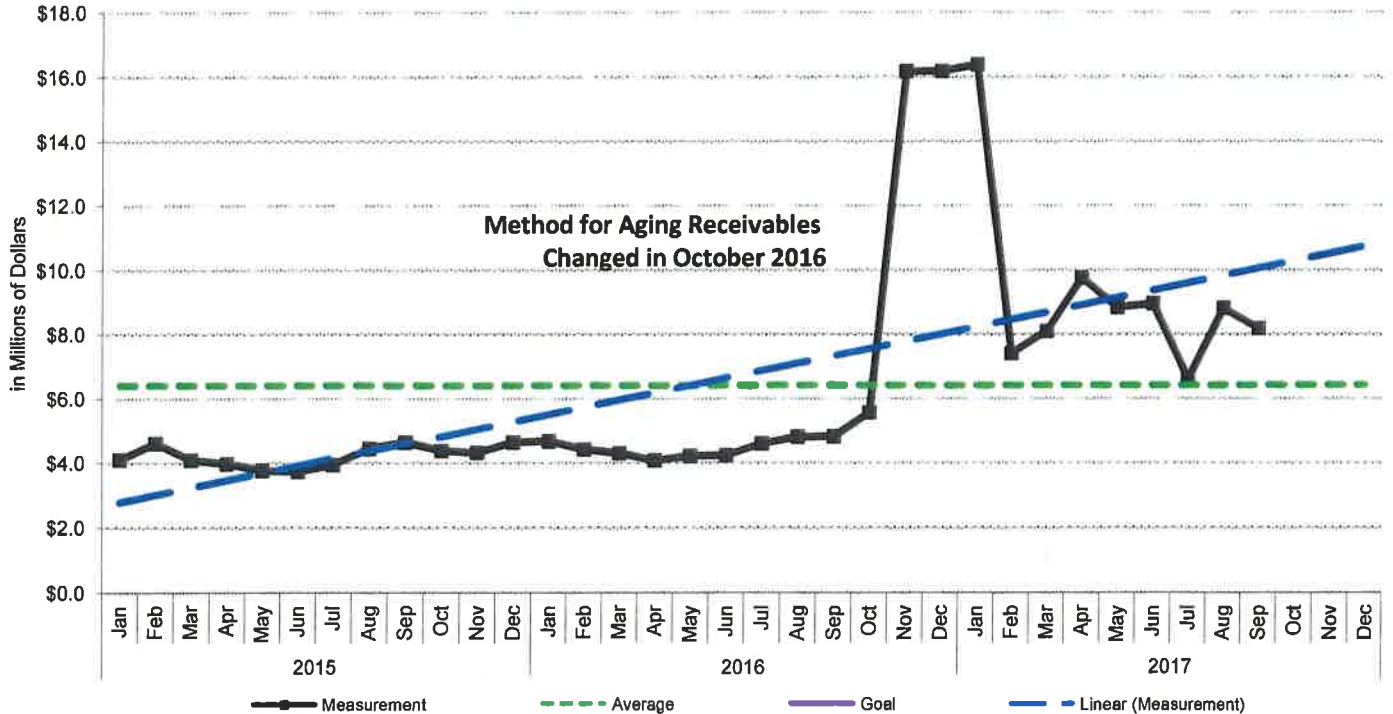
Trend: Method for Aging Receivables Changed in October 2016

Analysis

Water and sewer accounts receivable that are 30 to 120 days old are handled by internal staff using service disconnection. When those accounts are turned-off and final bills sent, the remaining balances after 30 days are sent to a collection agency.

Plans for Improvement

It appears that the higher post-Katrina accounts receivable balances have been resolved through standard collection practices and that annual collection rates now exceed 98% of annual billings. Staff intends to use standard process improvement methods to continue collection practices pending implementation of new billing and collection system.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015 \$	4.10	4.61	4.09	3.97	3.77	3.73	3.94	4.45	4.64	4.38	4.32	4.64
2016 \$	4.68	4.42	4.30	4.08	4.22	4.24	4.60	4.81	4.82	5.57	16.18	16.18
2017 \$	16.39	7.41	8.10	9.76	8.84	8.96	6.61	8.82	8.19			

Sewerage and Water Board of New Orleans

Water and Sewer Receivables 120 Days and Older

EUM Attribute:
Financial Viability

Description: Establishes and maintains an effective balance between long-term debt, asset values, operations and maintenance expenditures, and operating revenues

Constituency:
Customer Ratepayers

Objective: Efficient use of resources in providing services

Goal: None established

Currently Meeting Goal: Not Applicable

Process Operating Within Control Limits: Yes

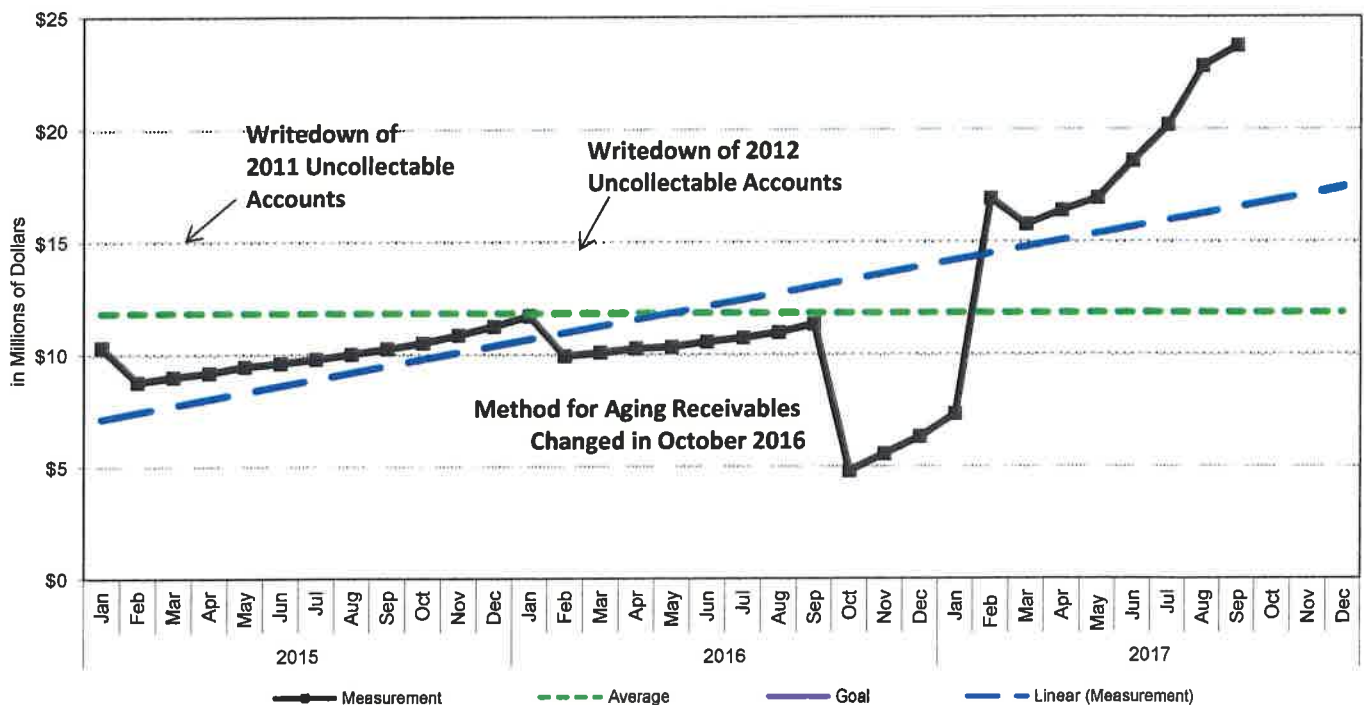
Trend: Method for Aging Receivables Changed in October 2016

Analysis

Water and sewer accounts receivable that are 120 days and older are handled by a collection agency. When those accounts remain uncollected after three years, the balances are written off as part of an annual process.

Plans for Improvement

It appears that the higher post-Katrina accounts receivable balances have been resolved through standard collection practices and that annual collection rates now exceed 98% of annual billings. Staff intends to use standard process improvement methods to continue collection practices pending implementation of new billing and collection system.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	\$ 10.32	\$ 8.78	\$ 9.01	\$ 9.19	\$ 9.47	\$ 9.62	\$ 9.80	\$ 10.02	\$ 10.26	\$ 10.51	\$ 10.87	\$ 11.25
2016	\$ 11.71	\$ 9.92	\$ 10.09	\$ 10.27	\$ 10.34	\$ 10.56	\$ 10.74	\$ 10.99	\$ 11.35	\$ 4.81	\$ 5.57	\$ 6.33
2017	\$ 7.35	\$ 16.93	\$ 15.78	\$ 16.40	\$ 16.96	\$ 18.60	\$ 20.19	\$ 22.80	\$ 23.70			