GENERAL SUPERINTENDENT RECOMMENDATIONS
FOR THE DECEMBER 20, 2017 MEETING

A. CONTRACT RENEWAL. A brief summary is attached for your review.

Item 1 - R-163-2017 - FIRST AND FINAL RENEWAL OF CONTRACT 30203 - RESTORATION GRAVITY FLOW SANITARY SEWERS BY POINT REPAIR OF SEWER MAINS AT VARIOUS SITES THROUGHOUT THE CITY OF NEW ORLEANS

Item 2 - R-164-2017 - FIRST AND FINAL RENEWAL OF CONTRACT 30204 - RESTORATION OF EXISTING GRAVITY FLOW SANITARY SEWERS BY EXCAVATION AND REPLACEMENT FROM MANHOLE TO MANHOLE, CIPP LINING FROM MANHOLE TO MANHOLE, CIPP LINING OF SERVICE LATERALS AND POINT REPAIR AT VARIOUS SITES THROUGHOUT THE CITY OF NEW ORLEANS

B. CONTRACT FINAL ACCEPTANCE

Item 3 - R-165-2017 - CONTRACT 1351 - HURRICANE KATRINA RELATED REPAIRS TO A & B PUMPS AND AUXILIARIES AT THE CARROLLTON WATER PURIFICATION PLANT - POWER COMPLEX

- R-166-2017 - CONTRACT 1371 - HMGP STRUCTURAL GENERAL CONTRACT RETROFIT POWER PLANT MAIN WATER PURIFICATION PLANT POWER COMPLEX

- R-167-2017 - CONTRACT 1387 - PAINTING & INSPECTION OF 4 FOUR MILLION GALLON WATER TANKS AT THE MWPP

- R-168-2017 - CONTRACT 2105 - REPLACEMENT OF WATER LINES DAMAGED BY HURRICANE KATRINA WITHIN VARIOUS ROADWAYS IN DIFFERENT NEIGHBORHOODS THROUGHOUT THE CITY OF NEW ORLEANS

- R-169-2017 - CONTRACT 30009 - RESTORATION OF EXISTING GRAVITY SEWER MAINS BY EXCAVATION AND REPLACEMENT FROM MANHOLE TO MANHOLE AT VARIOUS SITES THROUGHOUT ORLEANS PARISH

GENERAL SUPERINTENDENT RECOMMENDATIONS
REPORT OF FINAL ACCEPTANCE TO BE
CONSIDERED BY THE FINANCE AND ADMINISTRATION COMMITTEE
AND THE BOARD'S MEETING OF DECEMBER 20, 2017

During November 2017 bids were received and evaluated (as per attached tabulations) on various items as follows:

1.

<u>FIRST AND FINAL RENEWAL OF CONTRACT 30203</u>
<u>RESTORATION GRAVITY FLOW SANITARY SEWERS</u>
<u>BY POINT REPAIR OF SEWER MAINS AT</u>
<u>VARIOUS SITES THROUGHOUT THE CITY OF NEW ORLEANS</u>

PROPOSAL:

The contractor, **Wallace C. Drennan, Inc.**, has requested that the Board renew their current contract effective November 1, 2017, as allowed under this contract with no increase in cost and with no change in terms and conditions of their original contract, with the total being **$1,933,496.00**.

EVALUATION:

The original Contract 30203 - Restoration Gravity Flow Sanitary Sewers by Point Repair OF Sewer Mains at Various Sites Throughout the City of New Orleans was awarded to Wallace C. Drennan, Inc. by the Board at its meeting on October 19, 2016 in the total amount of **$1,933,496.00** with a one-year renewal option.

Change Order No. 1 was approved at the September 20, 2017 Board Meeting in the amount of $1,431,744.90 (R-107-2017), revising the contract amount to $3,365,240.90.

If approved, this would be the first and final renewal as allowed under the terms of the contract. The DBE participation is 36%. The current DBE participation through September 2017 is 20.991%. The DBE participation of 36% is expected to be achieved as contractor compliance documents are updated.

Funds for this project are budgeted under O&M Accounts 6621 (Non FEMA Sewer Paving and Point Repair) and 4408 (Sewer Point Repairs).

RECOMMENDATION:

It is recommended that the Board approve this first and final renewal to **Wallace C. Drennan, Inc.** in the total amount of **$1,933,496.00** beginning November 1, 2017 through November 1, 2018. The renewal will bring the total contract amount to $5,298,736.90.

2.

FIRST AND FINAL RENEWAL OF CONTRACT 30204 RESTORATION OF EXISTING GRAVITY FLOW SANITARY SEWERS BY EXCAVATION AND REPLACEMENT FROM MANHOLE TO MANHOLE, CIPP LINING FROM MANHOLE TO MANHOLE, CIPP LINING OF SERVICE LATERALS AND POINT REPAIR AT VARIOUS SITES THROUGHOUT THE CITY OF NEW ORLEANS

PROPOSAL:

The contractor, **Wallace C. Drennan, Inc.**, has requested that the Board renew their current contract effective December 1, 2017, as allowed under this contract with no increase in cost and with no change in terms and conditions of their original contract, with the total being **$3,988,738.00**.

EVALUATION:

The original Contract 30204 - Restoration of Existing Gravity Flow Sanitary Sewers by Excavation and Replacement from Manhole to Manhole, CIPP Lining from Manhole to Manhole, CIPP Lining of Service Laterals and Point Repair at Various Sites Throughout the City of New Orleans was awarded to Wallace C. Drennan, Inc. by the Board at its meeting on October 19, 2016 in the total amount of **$3,988,738.00** with a one-year renewal option.

No Change Order has been requested for this contract to date.

If approved, this would be the first and final renewal as allowed under the terms of the contract. The DBE participation is 36%. The current **DBE** participation through

September 2017 is 31.27%. The DBE participation of 36% is expected to be achieved as contractor compliance documents are updated.

Funds for this project are budgeted under Capital Program 318 (Rehabilitation of Gravity Sewers).

RECOMMENDATION:

It is recommended that the Board approve this first and final renewal to **Wallace C. Drennan, Inc.** in the total amount of **$3,988,738.00** beginning December 1, 2017 through December 1, 2018. The renewal will bring the total contract amount to $7,977,476.00.

3.

REPORT OF FINAL ACCEPTANCE

PROPOSAL:

Contracts 1351, 1371, 1387, 2105 and 30009 be considered for acceptance.

EVALUATION:

Contract 1351 - **Lou-Con, Inc.** - Hurricane Katrina Related repairs to A & B Pumps and Auxiliaries at the Carrollton Water Purification Plant - Power Complex. Total Contract Bid $13,594,000.00. Total Contract Expenditure $15,766,227.16. Date Work Order Issued September 19, 2011. Date Work Accepted August 9, 2016. The DBE Participation Goal is 6.4%. The DBE participation Achieved is 6.5%.

Contract 1371 - **Alfred Conhagen, Inc. of La.** - HMGP Structural General Contract Retrofit Power Plant Main Water Purification Plant Power Complex. Total Contract Bid $2,440,000.00. Total Contract Expenditure $2,328,431.22. Date Work Order Issued November 2, 2015. Date Work Accepted October 30, 2017. The DBE Participation Goal is 36%. The DBE participation Achieved is 21%.

Contract 1387 - **New Orleans Metalworks, Inc.** - Painting & Inspection of 4 Four Million Gallon Water Tanks at the MWPP. Total Contract Bid $496,400.00. Total Contract Expenditure $605,612.25. Date Work Order Issued November 11, 2015. Date Work Accepted October 6, 2017. The DBE Participation Goal is 28%. The DBE participation Achieved is 22%.

Contract 2105 - **Boh Brothers Construction** - Replacement of Water Lines Damaged by Hurricane Katrina Within Various Roadways in different Neighborhoods Throughout the City of New Orleans. Total Contract Bid $6,699,595.00. Total Contract Expenditure $11,249,562.95. Date Work Order Issued August 20, 2013. Date Work Accepted November 16, 2017. The DBE Participation Goal is 36%. The DBE participation Achieved is 27%.

Contract 30009 - **Wallace C. Drennan, Inc.** - Restoration of Existing Gravity Sewer Mains by Excavation and Replacement from Manhole to Manhole at Various Sites Throughout Orleans Parish. Total Contract Bid $2,088,008.00. Total Contract Expenditure $2,068,904.36. Date Work Order Issued July 14, 2014. Date Work Accepted April 28, 2017. The DBE Participation Goal is 36%. The DBE participation Achieved is 30%.

RECOMMENDATION:

The above contracts are recommended for acceptance.

JRB/J
RDEC17.GSR

FIRST AND FINAL RENEWAL OF CONTRACT 30203 - RESTORATION GRAVITY FLOW SANITARY SEWERS BY POINT REPAIR OF SEWER MAINS AT VARIOUS SITES THROUGHOUT THE CITY OF NEW ORLEANS

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, Inc.**, desires to extend its contract facilitating the continuity of its services, in the amount of $1,933,496.00 for Restoration Gravity Flow Sanitary Sewers by Point Repair of Sewer Mains at Various Sites Throughout the City of New Orleans.

WHEREAS, at the September 20, 2017 Board Meeting, one Change Order was approved in the amount of $1,431,744.90, revising the contract amount to $3,365,240.90.

WHEREAS, the DBE participation for this project is 36%. The current DBE participation through September 2017 is 20.991. The DBE participation of 36% is expected to be achieved as contractor compliance documents are updated.

WHEREAS, this renewal will bring the total contract amount to $5,298,736.90. Funds for this project are budgeted under O&M Accounts 6621 and 4408.

NOW, THEREFORE, BE IT RESOLVED, that the request of **Wallace C. Drennan, Inc.** to extend its contract through **November 1, 2018**, is hereby approved.

I, Bruce H. Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

FIRST AND FINAL RENEWAL OF CONTRACT 30204 – RESTORATION OF EXISTING GRAVITY FLOW SANITARY SEWERS BY EXCAVATION AND REPLACEMENT FROM MANHOLE TO MANHOLE, CIPP LINING FROM MANHOLE TO MANHOLE, CIPP LINING OF SERVICE LATERALS AND POINT REPAIR AT VARIOUS SITES THROUGHOUT THE CITY OF NEW ORLEANS

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, Inc.**, desires to extend its contract facilitating the continuity of its services, in the amount of $3,988,738.00 for Restoration Gravity of Existing Gravity Flow Sanitary Sewers by Excavation and Replacement from Manhole to Manhole, CIPP Lining from Manhole to Manhole, CIPP Lining of Service Laterals and Point Repair at Various Sites Throughout the City of New Orleans.

WHEREAS, no Change Order has been requested for this contract to date.

WHEREAS, the DBE participation for this project is 36%. The current DBE participation through September 2017 is 31.27%. The DBE participation of 36% is expected to be achieved as contractor compliance documents are updated.

WHEREAS, this renewal will bring the total contract amount to $7,977,476.00. Funds for this project are budgeted under Capital Program 310.

NOW, THEREFORE, BE IT RESOLVED, that the request of **Wallace C. Drennan, Inc.** to extend its contract through **December 1, 2018**, is hereby approved.

I, Bruce H. Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT 1351 - HURRICANE KATRINA RELATED REPAIRS TO A & B PUMPS AND AUXILIARIES AT THE CARROLLTON WATER PURIFICATION PLANT - POWER COMPLEX

WHEREAS, Contract 1351 - Hurricane Katrina Related Repairs to A & B Pumps and Auxiliaries at the Carrollton Water Purification Plant - Power Complex; and

WHEREAS, the Interim 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 Interim General Superintendent to authorize final acceptance and to close out Contract by **Lou-Con, Inc.** for Hurricane Katrina Related Repairs to A & B Pumps and Auxiliaries at the Carrollton Water Purification Plant - Power Complex, is hereby approved.

I, Bruce H. Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT 1371 - HMGP STRUCTURAL GENERAL CONTRACT RETROFIT POWER PLANT MAIN WATER PURIFICATION PLANT POWER COMPLEX

WHEREAS, Contract 1371 - HMGP Structural General Contract Retrofit Power Plant Main Water Purification Plant Power Complex; and

WHEREAS, the Interim 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 Interim General Superintendent to authorize final acceptance and to close out Contract by **Alfred Conhagen, Inc. of La.** for HMGP Structural General Contract Retrofit Power Plant Main Water Purification Plant Power Complex, is hereby approved.

I, Bruce H. Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

R-167-2017

FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT 1387 - PAINTING & INSPECTION OF 4 FOUR MILLION GALLON WATER TANKS AT THE MWPP

WHEREAS, Contract 1387 - Painting & Inspection of 4 Four Million Gallon Water Tanks at the MWPP; and

WHEREAS, the Interim 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 Interim General Superintendent to authorize final acceptance and to close out Contract by **New Orleans Metalworks, Inc.** for Painting & Inspection of 4 Four Million Gallon Water Tanks at the MWPP, is hereby approved.

I, Bruce H. Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT 2105 - REPLACEMENT OF WATER LINES DAMAGED BY HURRICANE KATRINA WITHIN VARIOUS ROADWAYS IN DIFFERENT NEIGHBORHOODS THROUGHOUT THE CITY OF NEW ORLEANS

WHEREAS, Contract 2105 - Replacement of Water Lines Damaged by Hurricane Katrina within various Roadways in Different Neighborhoods throughout the City of New Orleans; and

WHEREAS, the Interim 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 Interim General Superintendent to authorize final acceptance and to close out Contract by **Boh Brothers Construction** for Replacement of Water Lines Damaged by Hurricane Katrina within various Roadways in Different Neighborhoods throughout the City of New Orleans, is hereby approved.

I, Bruce H. Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

FINAL ACCEPTANCE AND CLOSE OUT TO CONTRACT 30009 - RESTORATION OF EXISTING GRAVITY SEWER MAINS BY EXCAVATION AND REPLACEMENT FROM MANHOLE TO MANHOLE AT VARIOUS SITES THROUGHOUT ORLEANS PARISH

WHEREAS, Contract 30009 - Restoration of Existing Gravity Sewer Mains by Excavation and Replacement from Manhole to Manhole at Various Sites throughout Orleans Parish; and

WHEREAS, the Interim 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 Interim General Superintendent to authorize final acceptance and to close out Contract by **Wallace C. Drennan, Inc.** for Restoration of Existing Gravity Sewer Mains by Excavation and Replacement from Manhole to Manhole at various Sites throughout Orleans Parish, is hereby approved.

I, Bruce H. Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

RATIFICATION OF CHANGE ORDER NO. 12, FINAL ACCEPTANCE AND CLOSEOUT OF CONTRACT 1351 - HURRICANE KATRINA RELATED REPAIRS TO A&B PUMPS AND AUXILIARIES AT THE CARROLLTON WATER PURIFICATION PLANT/POWER COMPLEX

WHEREAS, the Sewerage and Water Board entered into Contract 1351 with Lou-Con Industrial Contractors, Inc. in the amount of $13,594,000. for FEMA funded repairs to the A&B Pumps and Auxiliaries at the Carrollton Water Purification Plant and Power Complex

WHEREAS, The Contractor was asked to install two 6 inch strainer bypasses between the A and B pumps and the turbine, furnish and install tubing and instrumentation for A-B Pumps and install auxiliary oil piping at Pump B.

WHEREAS, this Change Order, in the amount of $116,221.16, brings the accumulated Contract change order total to $2,175,227.16, or 16% of the original Contract value, and

NOW THEREFORE BE IT RESOLVED, that approval of Change Order No.12 for Contract 1351 is ratified and the recommendation of the Interim General Superintendent to authorize final acceptance and to close out Contract 1351 by Lou-Con Industrial Contractors, Inc. is hereby approved.

I, Bruce Adams, Interim General Superintendent,
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 December 20, 2017.

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage & Water Board

Inter-Office Memorandum

Date: November 30, 2017

From: Bruce Adams, P.E.
Interim General Superintendent

To: Paul Rainwater
Interim Management Team

Re: Contract Number 1351 - Hurricane Katrina Related Repairs to A & B Pumps and Auxiliaries at the Carrolton Power Plant

Enclosed please find a recommendation from the Chief of Engineering for approval of Change Order No. 12 and final acceptance for the above contract. The awarded construction cost for this contact was $13,594,000 and construction commenced upon the date of the 9/19/11 work order. This Change Order in the amount of $113,221.16 represents 0.8% of the original bid amount, and brings the final cumulative total Change Orders to $2,172,227.16 which is 16% of the original bid amount. This Change Order has been reviewed by SWB staff and is not eligible for reimbursement from FEMA.

The original contract duration was 308 days and a total of 1,478 additional days have been awarded prior to this Change Order. The required DBE participation on this Contract is 6.4% and the final participation is 6.4%.

This Change Order is comprised of 4 Field Change Orders requested by SWB staff to improve operations along with a credit as follows:

- FCO 19 – Install 2 each 6" Strainer By-pass for the A-B Turbine.
- FCO 20 – Install tubing for instrumentation with the A-B Pumps.
- FCO 21 – Install auxiliary Oil Piping at Pump B
- FCO 22 - Credit to repair oil leaking from the forward standard area of both A and B turbines.

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

Bruce Adams, P.E.
Interim General Superintendent

cc: M. Ron Spooner, Reid L. Dennis, Alvin Porter, Phil Kutz, CH2M, Dexter Joseph, Rosita Thomas, Willie Mingo, Legal Department

Construction Management Change Order Detail
(Change Order No. 12)
Lou-Con Industrial Contractors

Item #	FCO#	Description of Work	Reason For Work	FEMA Eligible	Effect on Critical Path
1	19	2 each 6" Strainer by-pass for A-B Turbine	S&WB staff directed the Contractor to install two 6 Inch Strainer Bypass between the A and B pumps and the Turbine to better maintain the pumps. This COR is for labor & equipment only, S&WB provided all materials.	no	N/A
2	20	Tubing installation at instrumentation, A-B Pumps.	S&WB staff directed the Contractor to install new instrumentation to better maintain the pumps. The existing tubing was not compatible with the new instrumentation. In order for the new instrumentation to work accurately, it was necessary to install new tubing.	no	N/A
3	21	Auxiliary Oil Piping at Pump B	S&WB staff directed the Contractor to replace all piping, which included suction piping, discharge piping, steam piping, and vent piping due to the fact that when the auxiliary oil pump and the new main lube oil pump were installed, the existing pipe would not line up correctly. The Contractor was also asked to install gauges supplied by SWB and assistance returning the old line back into service. All work was vital to the system functioning properly and efficiently.	no	N/A
4	22	Credit to repair oil leaking from the forward standard area of both A and B turbines.	Credit to repair oil leaking from the forward standard area of both A and B turbines.	no	N/A

Sewerage & Water Board

Inter-Office Memorandum

Date: October 24, 2017

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

To: Bruce Adams, P.E.
Interim General Superintendent

Re: Contract Number 1351 - Repairs to A & B Pumps and Auxiliaries at the Carrollton Power Plant

Description of Change Order No. 12. Lou Con was directed by SWBNO to install two 6 inch strainer bypasses between the A and B pumps and the turbine, furnish and install tubing and instrumentation for A-B Pumps and install auxiliary oil piping at Pump B. See Scope of Changes for further details.

Original Contract Bid Price:	$13,594,000.00
Previously Approved Change Orders:	$2,059,006.00
This Change Order Amount:	$116,221.16
Total Change Orders (% of Original Contract)	16.0%
Total Cumulative Change Order Amount:	$2,175,227.16
Original Contract Completion Date	7/23/2012
Days previously added	1478
Days Added by this CO	0
Days added to date	1478
Revised Contract Completion Date	8/9/2016
Current Contractor DBE Participation	6.4%
Contract DBE Participation Goal	6.4%
Forecasted DBE Participation	6.4%

The Engineering Department has reviewed this proposal and is recommending it for approval.

I concur: Bruce N Adams Date: 12.01.2017

Bruce Adams, P.E.
Interim General Superintendent

cc:
Alvin Porter
Dexter Joseph
Legal Department
Reid L. Dennis
Phil Kutz, CH2M
Vincent Fouchi
Jason Higginbotham
Joseph R. Becker
Rosita Thomas
Willie Mingo

SCOPE OF CHANGES
Contract 1351 Water Program
(Change Order No. 12)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
1	19	2 each 6" Strainer By-pass, A-B Turbine	LS	$34,591.61	1	$34,591.61	0	Ineligible
2	20	Tubing installation at instrumentation, A-B Pumps.	LS	$48,771.00	1	$48,771.00	0	Ineligible
3	21	Auxiliary Oil Piping at Pump B	LS	$32,858.55	1	$32,858.55	0	Ineligible
4	22	Credit to repair oil leaking from the forward standard area of both A and B turbines	LS	-$3,000.00	1	-$3,000.00	0	Ineligible
						$113,221.16	0	

Contract DBE %	6.4%
Current DBE %	6.4%
Forecasted DBE %	6.4%

Original	$13,594,000.00
Amount of previous Change Orders	$2,059,006.00
Amount this Change Order	$113,221.16
Change Orders to date	$2,172,227.16
REVISED CONTRACT AMOUNT	$ 15,766,227.16

	BASE
Original Contract Days	308
Days Previously Added	1478
Days this Change Order	0
Days Added to date	1478
REVISED CONTRACT DAYS	1786

% OF ORIGINAL CONTRACT AMOUNT

This Change Order	0.8%
Previous Change Order	15.1%
TOTAL TO DATE	16.0%

It is mutually agreed to perform and accept the above revisions in accordance with the original contract and applicable specifications for the above price. This Change Order constitutes a full and complete settlement of the matters set forth herein, including all direct and indirect costs for equipment, manpower, overhead, profit and delay. This settlement also is limited to and applies to any claims arising out of or in account of the matters described and set forth in this agreement.

Proposed By: 11-30-17
Lou-Con Industrial Contractors — Date
Contractor

Recommended By: 11/30/17
Reid L. Dennis — Date
S&WB Project Manager

Approved By: 12/1/17
M. Ron Spooner — Date
Chief of Engineering

SEWERAGE & WATER BOARD OF NEW ORLEANS

- FINAL ACCEPTANCE STATEMENT -

DATE: 30-Nov-17

FROM: Reid L. Dennis, P.E. , FEMA Contracts Supervisor

TO: Bruce Adams, Interim General Superintendent

RE: **Contract No.:** 1351

CC: Hadi Amini, Ron Spooner

TITLE: **Contract 1351 – Hurricane Katrina Related Repairs to A&B Pumps and Auxiliaries at the Carrollton Water Purification Power Complex**

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

CONTRACTOR:	Lou-Con Industrial Contractors, Inc.
EMERGENCY LETTER BID:	$13,594,000.00
LUMP SUM BID:	$0.00
UNIT PRICE BID:	$0.00
TOTAL CONTRACT BID:	$13,594,000.00
UNIT PRICE EXTENSIONS TO CONTRACT:	0
NO. CHANGE ORDERS:	22
TOTAL CHANGE ORDER AMOUNT:	$2,172,227.16
(Do not include unit price work in Change Orders)	
TOTAL CONTRACT EXPENDITURE:	$15,766,227.16
CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:	15.98%
DATE WORK ORDER ISSUED:	19-Sep-11
DATE WORK ACCEPTED:	9-Aug-16
RETAINAGE INCLUDING FINAL CHANGE ORDER DUE TO CONTRACTOR:	$785,461.36
CONTRACT DBE Participation goal:	6.4%
CONTRACT DBE Participation achieved:	6.4%

TOTAL CONTRACT AMOUNT ELIGIBLE FOR FEMA REIMBURSEMENT:	$12,459,562.78
TOTAL CONTRACT AMOUNT <u>NOT</u> ELIGIBLE FOR FEMA REIMBURSEMENT:	$3,306,664.38

SOURCE OF FUNDS: ☑ $100m Loan Revolving Fund

Reid L. Dennis, P.E.
Program Supervisor

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

RATIFICATION OF CHANGE ORDER 6, FINAL ACCEPTANCE AND CLOSEOUT 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 work was delayed due to the high stages in the Mississippi River, 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, this change order, in the amount of $1,146,808.36, brings the accumulated contract change order total to $4,549,967.95 or 67.9% of the original Contract value, and,

NOW THEREFORE BE IT RESOLVED, that approval of Change Order No. 6 for Contract 2105 is ratified and the recommendation of the Interim General Superintendent to authorize final acceptance and to close Contract 1351 by Boh Brothers Construction is hereby approved.

I, Bruce Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE AND WATER BOARD OF NEW ORLEANS

Inter-Office Memorandum

Date: November 28, 2017

From: Bruce H. Adams, P.E.
Interim General Superintendent Bruce H. Adams 12.08.2017

To: Paul Rainwater
Interim Management Team

Re: Contract 2105 – Water Line Replacement Damaged by Hurricane Katrina throughout the City of New Orleans (CBD/FQ)
Contractor – Boh Bros Construction Co., LLC.

Enclosed please find a recommendation for approval of Change Order No. 6 for the above captioned contract. The awarded construction cost for this contact was $6,699,595.00 and construction commenced upon the date of the 8/20/13 work order. The total cost of this change order is $1,146,808.36. This change order has been reviewed by SWBNO staff and $ 219,042.09 is expected to be eligible for reimbursement from FEMA. The cumulative change order amount is $4,549,967.95 or 67.9% of the original bid amount of the Contract.

The original contract duration was 365 days and a total of 604 additional days have been awarded prior to this Change Order. The contractor was granted an additional 411 Contract days in part to coordination issues with Contract 2105 for total contract duration of 1471 days.

The current attained DBE participation is 56% and the Contractors forecasted DBE participation is 56%. The required DBE participation goal on this contract is 36% percent and the Contractor has submitted written documentation to explaining why they will not be able to meet their goal.

This Change Order includes 51 separate Field Change Orders (FCO) as follows:

FCO 109 – Exchange Place - temporary asphalt restoration which includes geotextile fabric, 8 inches of compacted limestone, 2" asphalt binder and 2" asphalt wearing coarse.

FCO 106 Rev 1 – Picayune Place - Picayune Place - costs are for the drain and water line revisions required due to an untold amount of obstructions and existing lines. Costs cover the month of July 2016.

FCO 82 Rev 1- S. Claiborne - the following RFC covers T&M work associated with the sewer line re-route during June 2016.

FCO 111 – S. Claiborne the following RFC covers T&M work associated with the sewer line re-route during August 2016.
FCO 107 - S. Claiborne - the following RFC covers T&M work associated with the sewer line re-route during July 2016.
FCO 112 – Dumaine St. - when saw cutting was complete, the S&WB decided not to proceed

with permanent restoration as DPW will be replacing a drain line on the street at a later time. The cost is for the actual saw cutting performed.

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FCO 113- Dumaine St. - potholing was done to locate services that were required to be tied into the existing 6" water. This is the remaining work that was not charged in RFC #92 (plan change 9).
FCO 91 Rev 3 – Franklin Ave. - when the contractor began to plug the existing 12" water main, it was discovered that a 2" service was not on the plans and would need to be put on the new line. The cost is associated with adding an existing 2" service to the new water main.
Repair a break in a drain line which was causing issues in the area

FCO 30 Rev 4 – Exchange Place - rebuilt 3 valve pits per 6-12-15 daily report.

FCO 104- St. Joseph St - remove, salvage and reinstall approx. 400 SF of Cobblestones. Excavate 21" under stone and install 12" of 610 limestone over geo fabric and geo grid, pour and finish 9" of 4000 psi concrete, set salvaged cobblestones and mortar set.
FCO 110 Rev 1- Picayune Place - costs are for the drain and water line revisions required due to an untold amount of obstructions and existing lines. Costs cover the months of August 2016.
FCO 25 Rev 1- The removal of REV1 from plan change 7 for 5 exploratory locations for locating multiple utilities unknown to existing as built sheets due to a math error. Refer to item X-115 below.
FCO 25 Rev2- Picayune Place - 5 exploratory locations for locating multiple utilities unknown to existing as built sheets.
FCO 98- Install 6" water valves as directed by SWBNO
FCO 135- Bid item #41 adjusted saw cut, remove & restore roadways, major asphalt. This new item removes the temporary asphalt requirement to save funding by $26 per SY
FCO135- Adjusted S. Claiborne restoration proposal from $195.50 per SY to $165.60 per SY
FCO 115- Rev 0- Bid item #42 adjusted cold mill & overlay. This new item removed the temporary asphalt requirement to save funding by $3 per SY
FCO 116 Rev0- S. Claiborne Ave. sewer lining
FCO 116 Rev0- Picayune Place - Clean CCTV sanitary sewer house connection
FCO 120 Rev0- Picayune Place - Roadway construction layout
FCO 117 Rev 2- Picayune Place - Water and drain line install – September
FCO 118- Picayune Place - Water and drain line install – October
FCO 119- Picayune Place - Extended as-built drawings for info. Purposes
FCO 121- Canal St. and Chartres St. - Remove and install pavers
FCO 123- S. Claiborne and Gravier - Excessive pavement thickness delays
FCO 125- S. Claiborne and Gravier - Stamped concrete sidewalk
FCO 124 Rev 1- Poydras - Exploratory Excavations for Inserta Valves
FCO 126-A- Franklin Ave. - Exploratory Excavations for 12" Inserta Valve
FCO 134- Picayune Place Price Adjustment – Manhole
FCO 134- Picayune Place Price Adjustment - Catch Basin
FCO 134- Picayune Place Price Adjustment - Valve Box
FCO 134- Picayune Place Price Adjustment - Clean Out
FCO 114 Rev 1- S. Claiborne Ave.- Additional Rental Days and Work Due To Sewer Re-route
FCO 122- Chartres St. - Restoration of Flagstone Sidewalk

FCO 128- Picayune Place - Additional Work Performed November and December
FCO 124-B- Poydras - Inserta Valve and Hot Tap
FCO 126-B- Franklin Ave. - Inserta Valve
FCO 127 A- Algiers Outfall Canal Culvert Repair
FCO 127 B- Algiers Outfall Canal Culvert Repair – February
FCO 129- Picayune Place Price Adjustment - Water Line and Roadway Additional Work Jan-Feb.
FCO 108 Rev 1- S. Claiborne/Gravier Roadway Restoration
FCO 126 C- Franklin Ave- 12" Inserta Valve Trucking
FCO 131- Decature St. & St Peter St work Performed and Materials.
FCO 118 B- Picayune Place Drain Line Catch Basin Material
FCO 127-C Rev 2- Algiers Outfall Canal 30" BCCMP Culvert Repairs
FCO 127 D- Algiers Canal Outfall- Embankment Stabilization
FCO 127 E- Algiers Outfall Canal- Steel Sheeting Installation March 2017
FCO 130- S. Tonti St. Water Main Repair
FCO 127 F- Algiers Outfall Canal- 36" A-2000 Culvert
FCO 132- Picayune Place- Catch Basin Steel Plate Top
FCO 133- S. Tonti St. Final Restoration

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

Bruce H. Adams, P.E.
Deputy Director of Engineering and Construction

Cc:
Bruce Adams, P.E.
Khalid Saleh, Ph.D
Valerie Rivers, EDB Director
Willie Mingo, Purchasing
Rosita Thomas, Finance
M. Ron Spooner, P.E.
Jason P. Higginbotham
Dexter Joseph, Budget
Legal Department

Sewerage & Water Board

Inter-Office Memorandum

Date: November 28, 2017

From: Melvin R. Spooner, P.E.
Chief of Engineering

To: Bruce, Adams, P.E.
Interim General Superintendent

Re: Contract Number 2105- Water Line Replacement (CBD/FQ)

CHANGE ORDER NO. 6

This Change Order is Composed of (51) approved Field Change Orders (FCO). The work within this contract involves the FEMA funded line replacement at multiple locations within the areas of the Central Business District and the French Quarter. Due to the sensitive nature of the area for tourism, for special events as well as due to the age of the original installation within this area, there were numerous unforeseen obstructions and coordination challenges encountered on regular basis. This change order include 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 the installation as it was performed, engineer, that were required to complete this package.

Original Contract Bid Price:	$6,699,595.00
Previously Approved Change Orders:	$3,403,159.59
This Change Order Amount:	$1,146,808.36
Total Change Orders (% of Original Contract)	67.9%
Total Dollar Change Order Amount:	$4,549,967.95
Days Added by this CO	411
Contract DBE Participation	36%

The Engineering Department has reviewed this proposal and is recommending it for approval.
In additional to scope additions, the amount of previous contract days has been corrected.

I concur: Bruce D Adams Date: 11.30.2017

Bruce Adams, P.E.
Interim General Superintendent

cc:
Khalid L. Saleh, Ph.D, PM
Valerie Rivers, EDB Director
Dexter Joseph, Budget
Legal Department
Melvin R. Spooner, PE.Chief of Engineering
Rosita Thomas, Finance
Jason Higginbotham
Willie Mingo, Purchasing

SCOPE OF CHANGES No. 6
Contract 2105, Water Line Replacement (CBD/FQ)
(Change Order No. 6)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
52	-	2" COLD MILL & OVERLAY	SY	$35.00	9193	$321,739.25	0	FEMA Eligible
X-008	-	Perdido Drainage Pt. Repairs (DPW-01,02,03)	LS	$42,546.73	-0.15962	-$6,791.40	0	S&WB
						$1,146,808.36	411	

Contract DBE %	36.0%	
Current DBE %	~~27.26%~~	56%
Forecasted DBE %	~~27.26%~~	56%

Original	$	6,699,595.00
Amount of previous Change Orders	$	3,403,159.59
Amount this Change Order		$1,146,808.36
Change Orders to date	$	4,549,967.95
REVISED CONTRACT AMOUNT	$	11,249,562.95

Original Contract Days	365
Days Previously Added	694.5
Days this Change Order	411
Days Added to date	1105.5
REVISED CONTRACT DAYS	1470.5

% OF ORIGINAL CONTRACT AMOUNT

This Change Order	17.1%
Previous Change Order	50.8%
TOTAL TO DATE	67.9%

Work Order Date	11/11/2013
Work Completion Milestone Date	11/20/2017

It is mutually agreed to perform and accept the above revisions in accordance with the original contract and applicable specifications for the above price.

Proposed By:

Boh Bros Construction, LLC

10-31-17
Date

Approved By:

Melvin R. Spooner
Chief of Engineering

11/29/17
Date

Recommended By:

Khalid L. Saleh
S&WB Project Manager

11/28/17
Date

SCOPE OF CHANGES No. 6
Contract 2105, Water Line Replacement (CBD/FQ)
(Change Order No. 6)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
-	-	6 Additional days. There were 6 days that were miscalculated on Change Order No. 1 and 3 when the the Plan Changes were converted into Change Orders	-	-	-	-	6	-
-	-	60 Additional days due the delay from 4/27/17 authorization to complete S Tonti St Roadway Restoration Repair until the S&WB notified the dye tests were completed on 6/26/17	-	-	-	-	60	-
X-104	109	Exchange Place - temporary asphalt restoration which includes geotextile fabric, 8 inches of compacted limestone, 2" asphalt binder and 2" asphalt wearing coarse.	LS	$29,430.00	1	$ 29,430.00	5	FEMA Eligible
X-105	106 REV1	Picayune Place - costs are for the drain and water line revisions required due to an untold amount of obstructions and existing lines. Costs cover the month of July 2016.	LS	$86,282.97	1	$ 86,282.97	31	FEMA Eligible
X-106	82 REV1	S. Claiborne - the following RFC covers T&M work associated with the sewer line re-route during June 2016.	LS	$56,730.10	1	$ 56,730.10	23	S&WB
X-107	111	S. Claiborne - the following RFC covers T&M work associated with the sewer line re-route during August 2016.	LS	$21,411.58	1	$ 21,411.58	5	S&WB
X-108	107	S. Claiborne - the following RFC covers T&M work associated with the sewer line re-route during July 2016.	LS	$154,333.45	1	$ 154,333.45	31	S&WB
X-109	112	Dumaine St. - when saw cutting was complete, the S&WB decided not to proceed with permanent restoration as DPW will be replacing a drain line on the street at a later time. The cost is for the actual saw cutting performed	LS	$8,389.94	1	$ 8,389.94	1	FEMA Eligible
X-110	113	Dumaine St. - potholing was done to locate services that were required to be tied into the existing 6" water. This is the remaining work that was not charged in RFC #92 (plan change 9).	LS	$1,265.00	1	$ 1,265.00	0	FEMA Eligible
X-111	91 REV3	Franklin Ave. - when the contractor began to plug the existing 12" water main, it was discovered that a 2" service was not on the plans and would need to be put on the new line. The cost is accociated with adding an existing 2" service to the new water main.	LS	$22,786.24	1	$ 22,786.24	7	FEMA Eligible
X-112	30 REV4	Exchange Place - rebuilt 3 valve pits per 6-12-15 daily report	LS	$17,780.68	1	$ 17,780.68	5	FEMA Eligible
X-113	104	St. Joseph St - remove, salvage and reinstall approx. 400 SF of Cobblestones. Excavate 21" under stone and install 12" of 610 limestone over geo fabric and geo grid, pour and finish 9" of 4000 psi concrete, set salvaged cobblestones and mortar set.	LS	$22,683.75	1	$ 22,683.75	10	FEMA Eligible
X-114	110 REV1	Picayune Place - costs are for the drain and water line revisions required due to an untold amount of obstructions and existing lines. Costs cover the months of August 2016.	LS	$106,084.67	1	$ 106,084.67	31	FEMA Eligible
X-033	25 REV1	The removal of REV1 from plan change 7 for 5 exploratory locations for locating multiple utilities unknown to existing as built sheets due to a math error. Refer to item X-115 below.	LS	-$22,558.12	1	$ (22,558.12)	-3	FEMA Eligible

SCOPE OF CHANGES No. 6
Contract 2105, Water Line Replacement (CBD/FQ)
(Change Order No. 6)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
X-115	25 REV2	Picayune Place - 5 exploratory locations for locating multiple utilities unknown to existing as built sheets.	LS	$21,451.67	1	$ 21,451.67	3	FEMA Eligible
X-116	98	Install 6" water valves as directed by S&WB	LS	$53,704.02	1	$ 53,704.02	12	FEMA Eligible
X-117	135	Bid item #41 adjusted saw cut, remove & restore roadways, major asphalt. This new item removes the temporary asphalt requirement to save funding by $26 per SY	SY	$84.00	786	$ 66,024.00	0	FEMA Eligible
X-118	135	Adjusted S. Claiborne restoration proposal from $195.50 per SY to $165.60 per SY	SY	$165.60	224	$ 37,094.40	0	FEMA Eligible
X-119	135	Bid item #42 adjusted cold mill & overlay. This new item removed the temporary asphalt requirement to save funding by $3 per SY	SY	$32.00	1010	$ 32,320.00	0	FEMA Eligible
X-120	115 REV0	S. Clairbone Ave. sewer lining	LS	$14,930 24	1	$ 14,930.24	2	S&WB
X-121	116 REV0	Picayune Place - Clean CCTV sanitary sewer house connection	LS	$6,037.50	1	$ 6,037.50	1	S&WB
X-122	120 REV0	Picayune Place - Roadway construction layout	LS	$850.00	1	$ 850.00	1	FEMA Eligible
X-123	117 REV2	Picayune Place - Water and drain line install - September	LS	$91,372.72	1	$ 91,372.72	30	FEMA Eligible
X-124	118	Picayune Place - Water and drain line install - October	LS	$20,386.47	1	$ 20,386.47	8	FEMA Eligible
X-125	119	Picayune Place - Extended as-built drawings for info. purposes	LS	$4,400.00	1	$ 4,400.00	0	FEMA Eligible
X-126	121	Canal St. and Chartres St. - Remove and install pavers	LS	$12,323.40	1	$ 12,323.40	0	FEMA Eligible
X-127	123	S. Claiborne and Gravier - Excessive pvement thickness delays	LS	$3,435.86	1	$ 3,435.86	0	FEMA Eligible
X-128	125	S. Claiborne and Gravier - Stamped concrete sidewalk	LS	$7,779.75	1	$ 7,779.75	1	FEMA Eligible
X-129	124-A REV1	Poydras - Exploratory Excavations For Inserta Valves	LS	$8,833.69	1	$ 8,833.69	1	FEMA Eligible
X-130	126-A	Franklin Ave. - Exploratory Excavations For 12" Inserta Valve	LS	$10,632.55	1	$ 10,632.55	2	FEMA Eligible
X-131	134	Picayune Place Price Adjustment - Manhole	EA	$460.00	10	$ 4,600.00	0	FEMA Eligible
X-132	134	Picayune Place Price Adjustment - Catch Basin	EA	$460.00	11	$ 5,060.00	0	FEMA Eligible

SCOPE OF CHANGES No. 6
Contract 2105, Water Line Replacement (CBD/FQ)
(Change Order No. 6)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
X-133	134	Picayune Place Price Adjustment - Valve Box	EA	$115.00	11	$ 1,265.00	0	FEMA Eligible
X-134	134	Picayune Place Price Adjustment - Clean Out	EA	$115.00	8	$ 920.00	0	FEMA Eligible
X-135	114 REV1	S. Claiborne Ave.- Additional Rental Days and Work Due To Sewer Re-route	LS	$41,713.56	1	$ 41,713.56	3	FEMA Eligible
X-136	122	Chartres St. - Restoration of Flagstone Sidewalk	LS	$13,846.00	1	$ 13,846.00	0	FEMA Eligible
X-137	128	Picayune Place - Additional Work Performed November and December	LS	$11,765.19	1	$ 11,765.19	9	FEMA Eligible
X-138	124-B	Poydras - Inserta Valve and Hot Tap	LS	$125,335.60	1	$ 125,335.60	22	FEMA Eligible
X-139	126-B	Franklin Ave. - Inserta Valve	LS	$58,357.16	1	$ 58,357.16	6	FEMA Eligible
X-140	127-A	Algiers Outfall Canal Culvert Repair	LS	$237,853.93	1	$ 237,853.93	15	S&WB
X-141	127-B	Algiers Outfall Canal Culvert Repair - February	LS	$250,043.16	1	$ 250,043.16	28	S&WB
X-142	129	Picayune Place Price Adjustment - Water Line and Roadway Additional Work Jan-Feb.	LS	$23,638.05	1	$ 23,638.05	8	FEMA Eligible
X-143	108 REV1	S Claiborne/Gravier Roadway Restoration	LS	$18,311.70	1	$18,311.70	4	FEMA Eligible
X-144	126-C	Franklin Ave - 12" Inserta Valve Trucking	LS	$270.25	1	$270.25	0	FEMA Eligible
X-145	131	Decatur St & St Peter St Work Performed and Material	LS	$78,395.53	1	$78,395.53	0	FEMA Eligible
X-146	118-B	Picayune Pl - Drain Line Catch Basin Material	LS	$904.36	1	$904.36	0	FEMA Eligible
X-147	127-C Rev2	Algiers Outfall - 30" CMP Repair Mar17	LS	$62,623.76	1	$62,623.76	1	FEMA Eligible
X-148	127-D	Algiers Outfall Canal - Embankment Stabilization	LS	$49,248.82	1	$49,248.82	19	FEMA Eligible
X-149	127-E	Algiers Outfall Canal - Steel Sheeting Installation Mar17	LS	$64,537.16	1	$64,537.16	9	S&WB
X-150	130	S Tonti St Water Main Repair	LS	$38,160.65	1	$38,160.65	3	S&WB

SCOPE OF CHANGES No. 6
Contract 2105, Water Line Replacement (CBD/FQ)
(Change Order No. 6)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
X-151	127-F	Algiers Outfall Canal - 36" A-2000 Culvert	LS	$68,800.00	1	$68,800.00	5	S&WB
X-152	132	Picayune Pl - Catch Basin Steel late Top	LS	$2,127.20	1	$2,127.20	1	FEMA Eligible
X-153	133	S Tonti St Final Roadway Restoration	LS	$21,720.00	1	$21,720.00	5	S&WB
1	-	FURNISH & INSTALL 8" PVC DR 18 WATER MAIN	LF	$80.00	-1053	-$84,240.00	0	FEMA Eligible
2	-	FURNISH & INSTALL 12" PVC DR 18 WATER MAIN	LF	$110.00	-91	-$10,010.00	0	FEMA Eligible
3	-	FURNISH & INSTALL 12" FUSIBLE PVC DR 18 WATER MAIN	LF	$140.00	843	$118,020.00	0	FEMA Eligible
4	-	FURNISH & INSTALL 24" PVC DR 18 WATER MAIN	LF	$280.00	-1485	-$415,800.00	0	FEMA Eligible
5	-	FURNISH & INSTALL 30" PVC DR 18 WATER MAIN	LF	$450.00	-286	-$128,700.00	0	FEMA Eligible
6	-	FURNISH & INSTALL 8" DI WATER MAIN	LF	$85.00	608	$51,680.00	0	FEMA Eligible
7	-	FURNISH & INSTALL 12" DI WATER MAIN	LF	$115.00	344	$39,560.00	0	FEMA Eligible
8	-	FURNISH & INSTALL 24" DI WATER MAIN	LF	$285.00	-15	-$4,275.00	0	FEMA Eligible
9	-	FURNISH & INSTALL 30" DI WATER MAIN	LF	$455.00	264	$120,120.00	0	FEMA Eligible
10	-	JACK & BORE 16" STEEL CASING PIPE	LF	$420.00	8	$3,360.00	0	FEMA Eligible
11	-	JACK & BORE 18" STEEL CASING PIPE	LF	$470.00	0	$0.00	0	FEMA Eligible
12	-	FURNISH & INSTALL 4" WATER VALVE	EA	$4,500.00	4	$18,000.00	0	FEMA Eligible
13	-	FURNISH & INSTALL 6" WATER VALVE	EA	$5,000.00	11	$55,000.00	0	FEMA Eligible
14	-	FURNISH & INSTALL 8" WATER VALVE	EA	$6,000.00	3	$18,000.00	0	FEMA Eligible
15	-	FURNISH & INSTALL 12" WATER VALVE	EA	$9,000.00	4	$36,000.00	0	FEMA Eligible

SCOPE OF CHANGES No. 6
Contract 2105, Water Line Replacement (CBD/FQ)
(Change Order No. 6)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
16	-	FURNISH & INSTALL 24" WATER VALVE	EA	$40,000.00	-2	-$80,000.00	0	FEMA Eligible
17	-	FURNISH & INSTALL 30" WATER VALVE	EA	$60,000.00	0	$0.00	0	FEMA Eligible
18	-	CONSTRUCT NEW WATER VALVE MANHOLE TO 12"	EA	$1,500.00	9	$13,500.00	0	FEMA Eligible
19	-	CONSTRUCT NEW WATER VALVE MANHOLE FOR 24"	EA	$12,000.00	-2	-$24,000.00	0	FEMA Eligible
20	-	CONSTRUCT NEW WATER VALVE MANHOLE FOR 30"	EA	$13,500.00	-1	-$13,500.00	0	FEMA Eligible
21	-	FURNISH & INSTALL 5" FIRE HYDRANT	EA	$4,000.00	11	$44,000.00	0	FEMA Eligible
22	-	PLUG EXISTING 4" THRU 30" & FLOW FILL	LF	$20.00	-6004	-$120,080.00	0	FEMA Eligible
23	-	6" WATERLINE OFFSET	EA	$4,800.00	-1	-$4,800.00	0	FEMA Eligible
24	-	8" WATERLINE OFFSET	EA	$5,500 00	2	$11,000.00	0	FEMA Eligible
25	-	12" WATERLINE OFFSET	EA	$7,800.00	2	$15,600.00	0	FEMA Eligible
26	-	24" WATERLINE OFFSET	EA	$25,000.00	-2	-$50,000.00	0	FEMA Eligible
27	-	30" WATERLINE OFFSET	EA	$55,000.00	-2	-$110,000.00	0	FEMA Eligible
28	-	FURNISH & INSTALL SS TROUGH THROUGH CANAL	EA	$65,000.00	0	$0.00	0	FEMA Eligible
29	-	BOX CULVERT MODIFICATION	EA	$55,000.00	2	$110,000.00	0	FEMA Eligible
30	-	FURNISH & INSTALL 1" PE SERVICE (OPEN CUT)	LF	$40.00	-6509	-$260,360.00	0	FEMA Eligible
31	-	FURNISH & INSTALL 1 1/2" PE SERVICE (OPEN CUT)	LF	$50.00	-1350	-$67,500.00	0	FEMA Eligible
32	-	FURNISH & INSTALL 2" PE SERVICE (OPEN CUT)	LF	$60.00	-580	-$34,800.00	0	FEMA Eligible
33	-	FURNISH & INSTALL 4" PVC SERVICE (OPEN CUT)	LF	$300.00	-1181	-$354,300.00	0	FEMA Eligible

SCOPE OF CHANGES No. 6
Contract 2105, Water Line Replacement (CBD/FQ)
(Change Order No. 6)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
34	-	FURNISH & INSTALL 6" PVC SERVICE (OPEN CUT)	LF	$325.00	-1787	-$580,775.00	0	FEMA Eligible
35	-	FURNISH & INSTALL 8" PVC SERVICE (OPEN CUT)	LF	$400.00	-425	-$170,000.00	0	FEMA Eligible
36	-	FURNISH & INSTALL 3" PVC CONDUIT (JACK OR OPEN CUT)	LF	$1.00	-100	-$100.00	0	FEMA Eligible
37	-	ADJUST COMPLETE METER BOX TO GRADE	EA	$110.00	-11	-$1,210.00	0	FEMA Eligible
38	-	REPLACE BROKEN WATER METER BOX (5/8" TO 1")	EA	$500.00	-45	-$22,500.00	0	FEMA Eligible
39	-	REMOVE DEBRIS FROM WATER METER BOX	EA	$100.00	-71	-$7,100.00	0	FEMA Eligible
40	-	SAW CUT, REMOVE, & RESTORE ROADWAYS, MINOR ASPHALT	SY	$100.00	-450	-$45,000.00	0	FEMA Eligible
41	-	SAW CUT, REMOVE, & RESTORE ROADWAYS, MAJOR ASPHALT	SY	$110.00	6225	$684,755.50	0	FEMA Eligible
42	-	SAW CUT, REMOVE, & REPLACE DWAYS (6" REINFORCED)	SY	$85.00	-16	-$1,349.80	0	FEMA Eligible
43	-	SAW CUT, REMOVE, & REPLACE DWAYS (6" GRAVEL)	SY	$90.00	-44	-$3,979.80	0	FEMA Eligible
44	-	SAW CUT, REMOVE, & REPLACE DWAYS (6" BRICK)	SY	$150.00	-8	-$1,200.00	0	FEMA Eligible
45	-	SAW CUT, REMOVE, & REPLACE SWALKS (4" REINFORCED)	SY	$80.00	302	$24,156.00	0	FEMA Eligible
46	-	SAW CUT, REMOVE, & REPLACE SWALKSS (4" GRAVEL)	SY	$85.00	-63	-$5,373.70	0	FEMA Eligible
47	-	SAW CUT, REMOVE, & REPLACE SWALKS (4" BRICK)	SY	$150.00	161	$24,109.50	0	FEMA Eligible
48	-	SAW CUT & REPLACE CONCRETE CURB & GUTTER	LF	$40.00	197	$7,879.20	0	FEMA Eligible
49	-	RESET GRANITE CURBS	LF	$105.00	-244	-$25,620.00	0	FEMA Eligible
50	-	BATTURE SAND & GRASS SOD	SY	$20.00	-500	-$10,000.00	0	FEMA Eligible
51	-	CONCRETE HANDICAP RAMP RESTORATION/INSTALL	EA	$2,000.00	-1	-$2,000.00	0	FEMA Eligible

SEWERAGE & WATER BOARD OF NEW ORLEANS
- FINAL ACCEPTANCE STATEMENT -

DATE: December 4, 2017

FROM: Hadi Amini, P.E., Construction, Administration & Inspection Engineering

TO: Bruce Adams, P. E., Interim General Superintendent

RE: Contract No.: 2105

CC: Khalid Saleh

TITLE: **Water Line Replacement Damaged by Hurricane Katrina throughout the city of New Orleans (CBD/FQ)**

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

CONTRACTOR:	**Boh Bro Construction Company**
LUMP SUM BID:	$6,699,595.00
UNIT PRICE BID:	$0.00
TOTAL CONTRACT BID:	$6,699,595.00
UNIT PRICE EXTENSIONS TO CONTRACT:	0
NO. CHANGE ORDERS:	6
TOTAL CHANGE ORDER AMOUNT: (Do not include unit price work in Change Orders)	$4,549,967.95
TOTAL CONTRACT EXPENDITURE:	$11,249,562.95
CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:	67.91%
DATE WORK ORDER ISSUED:	20-Aug-13
DATE WORK ACCEPTED:	16-Nov-17
INCOMPLETE PUNCHLIST ITEMS CREDIT DUE TO S&WB:	**$0.00**
CONTRACT LIQUIDATED DAMAGES DUE TO S&WB:	**$0.00**
RETAINAGE:	$562,478.13
TOTAL AMOUNT DUE TO S&WB:	**$0.00**

TOTAL CONTRACT AMOUNT ELIGIBLE FOR FEMA REIMBURSEMENT:	N/A
TOTAL CONTRACT AMOUNT **NOT** ELIGIBLE FOR FEMA REIMBURSEMENT:	N/A

SOURCE OF FUNDS:	☑ Water Funds
DBE PARTICIPATION GOAL	36%
DBE PARTICIPATION ACHIEVED	56%

Khalid Saleh

Khalid Saleh, PM
Network Engineering

Melvin R Spooner

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

R-155-2017

FINAL ACCEPTANCE AND CLOSEOUT OF CONTRACT 1387 – PAINTING AND REPAIR OF 4 – FOUR MILLION GALLON WATER STORAGE TANKS AT THE MAIN WATER PURIFICAITON PLANT (REBID OF CONTRACT 1379)

WHEREAS, the Sewerage and Water Board entered into Contract 1387 with New Orleans Metalworks Inc. to repair and paint 4 – four million gallon water storage tanks located at the Carrollton Water Purification Plant,

WHEREAS, the Interim General Superintendent in his Report has recommended this contract receive final acceptance and be closed, and

NOW THEREFORE BE IT RESOLVED, by the Sewerage and Water of New Orleans that the recommendation of the Interim General Superintendent to authorize final acceptance and to close Contract 1387 by New Orleans Metalworks, Inc. is hereby approved.

I, Bruce Adams, Interim General Superintendent,
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 December 20, 2017.

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE & WATER BOARD OF NEW ORLEANS
- FINAL ACCEPTANCE STATEMENT -

DATE: November 17, 2017

FROM: Hadi Amini, P.E., Construction, Administration & Inspection Engineering HA

TO: Bruce Adams, P. E., Interim General Superintendent

RE: Contract No.: 1387

CC: Matthew Movahed

TITLE: **Painting and Repair of 4 Four Million Gallon Water Storage Tanks at the Main Water Purification Plant (Rebid of Contract 1379)**

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

CONTRACTOR:	New Orleans Metalworks, Inc.
LUMP SUM BID:	$357,200.00
UNIT PRICE BID:	$139,200.00
TOTAL CONTRACT BID:	$496,400.00
UNIT PRICE EXTENSIONS TO CONTRACT:	0
NO. CHANGE ORDERS:	4
TOTAL CHANGE ORDER AMOUNT:	$213,652.25
(Do not include unit price work in Change Orders)	
TOTAL CONTRACT EXPENDITURE:	$605,612.25
CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:	43.04%
DATE WORK ORDER ISSUED:	11-Nov-15
DATE WORK ACCEPTED:	6-Oct-17
INCOMPLETE PUNCHLIST ITEMS CREDIT DUE TO S&WB:	**$0.00**
CONTRACT LIQUIDATED DAMAGES DUE TO S&WB:	**$0.00**
RETAINAGE:	$30,280.60
TOTAL AMOUNT DUE TO S&WB:	**$0.00**

TOTAL CONTRACT AMOUNT ELIGIBLE FOR FEMA REIMBURSEMENT:	N/A
TOTAL CONTRACT AMOUNT **NOT** ELIGIBLE FOR FEMA REIMBURSEMENT:	N/A

SOURCE OF FUNDS: ☑ Water Funds

DBE PARTICIPATION GOAL 28%

DBE PARTICIPATION ACHIEVED 22%

Hadi Amini

Hadi Amini, P.E.
CA&I

Bruce W. Adams

~~**M. Ron Spooner, P. E.,**~~ Interim Gen. Superintendent
Chief of Engineering

R-156-2017

FINAL ACCEPTANCE AND CLOSEOUT OF CONTRACT 30103 – INSTALLATION OF EMERGENCY DISCHARGE CONNECTIONS AT HORACE, HUNTLEE, HOLIDAY AND ETON SEWAGE PUMPING STATIONS

WHEREAS, the Sewerage and Water Board entered into Contract 30103 with Fleming Construction Co., LLC to install emergency discharge connections at five sewage pumping stations,

WHEREAS, the Interim General Superintendent in his Report has recommended this contract receive Final Acceptance and be closed, and

NOW THEREFORE BE IT RESOLVED, by the Sewerage and Water of New Orleans that the recommendation of the Interim General Superintendent to authorize final acceptance and to close Contract 30103 by Fleming Construction Co., LLC. is hereby approved.

I, Bruce Adams, Interim General Superintendent,
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 December 20, 2017.

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE & WATER BOARD OF NEW ORLEANS
- FINAL ACCEPTANCE STATEMENT -

DATE: November 22, 2017

FROM: H.A. Hadi Amini, P.E., Construction, Administration & Inspection Engineering

TO: Bruce Adams, P. E., Interim General Superintendent

RE: Contract No.: 30103

CC: Matthew Movahed

TITLE: **Installation of Emergency Discharge Connections at Horace, Huntlee, Holiday & Eton Sewage Pumping Stations**

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

CONTRACTOR:	Fleming Construction Co., LLC
LUMP SUM BID:	$338,225.00
UNIT PRICE BID:	$0.00
TOTAL CONTRACT BID:	$338,225.00
UNIT PRICE EXTENSIONS TO CONTRACT:	0
NO. CHANGE ORDERS:	4
TOTAL CHANGE ORDER AMOUNT:	$33,683.34
(Do not include unit price work in Change Orders)	
TOTAL CONTRACT EXPENDITURE:	$371,908.34
CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:	9.96%
DATE WORK ORDER ISSUED:	9-Jan-17
DATE WORK ACCEPTED:	9-Sep-17
INCOMPLETE PUNCHLIST ITEMS CREDIT DUE TO S&WB:	**$0.00**
CONTRACT LIQUIDATED DAMAGES DUE TO S&WB:	**$0.00**
RETAINAGE:	$37,190.83
TOTAL AMOUNT DUE TO S&WB:	**$0.00**

TOTAL CONTRACT AMOUNT ELIGIBLE FOR FEMA REIMBURSEMENT:	N/A
TOTAL CONTRACT AMOUNT **NOT** ELIGIBLE FOR FEMA REIMBURSEMENT:	N/A
SOURCE OF FUNDS:	☑ Sewer Funds
DBE PARTICIPATION GOAL	36%
DBE PARTICIPATION ACHIEVED	37%

Hadi A

Hadi Amini, P.E.
CA&I

Melvin R. Spooner

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

FINAL ACCEPTANCE AND CLOSEOUT OF CONTRACT 1371 – HAZARD MITIGATION GRANT PROJECT – STRUCTURAL GENERAL CONTRACT RETROFIT POWER PLANT MAIN WATER PURIFICATION PLANT POWER COMPLEX

WHEREAS, the Sewerage and Water Board entered into Contract 1371 with Alfred C. Conhagen, Inc. of Louisiana, to Rehabilitate and Protect the structural steel and Concrete members and miscellaneous access improvements at various locations within the Powerhouse Building at the Carrollton Water Treatment Plant Facility,

WHEREAS, the Interim General Superintendent in his Report has recommended this contract receive final acceptance and be closed, and

NOW THEREFORE BE IT RESOLVED, by the Sewerage and Water of New Orleans that the recommendation of the Interim General Superintendent to authorize final acceptance and to close Contract 1371 by Alfred C. Conhagen, Inc. of Louisiana is hereby approved.

I, Bruce Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE & WATER BOARD OF NEW ORLEANS
- FINAL ACCEPTANCE STATEMENT -

DATE: December 5, 2017

FROM: Celso M. Antunez, Project Manager CMA

TO: Bruce Adams, P. E., Interim General Superintendent

RE: Contract No.: 1371

CC:

TITLE: **HMGP- Structural General Contract Retrofit Power Plant Main Water Purification Plant Power Complex**

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

CONTRACTOR:	Alfred C. Conhagen, Inc. of Louisiana
LUMP SUM BID:	$0.00
UNIT PRICE BID:	$0.00
TOTAL CONTRACT BID:	$2,440,000.00
UNIT PRICE EXTENSIONS TO CONTRACT:	0
NO. CHANGE ORDERS:	14
TOTAL CHANGE ORDER AMOUNT:	$108,431.22
(Do not include unit price work in Change Orders)	
TOTAL CONTRACT EXPENDITURE:	$2,328,431.22
CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:	4.44%
DATE WORK ORDER ISSUED:	2-Nov-15
DATE WORK ACCEPTED:	30-Oct-17
INCOMPLETE PUNCHLIST ITEMS CREDIT DUE TO S&WB:	**$0.00**
CONTRACT LIQUIDATED DAMAGES DUE TO S&WB:	**$0.00**
RETAINAGE:	$116,421.56
TOTAL AMOUNT DUE TO S&WB:	**$0.00**

TOTAL CONTRACT AMOUNT ELIGIBLE FOR FEMA REIMBURSEMENT:	$2,328,431.22
TOTAL CONTRACT AMOUNT **NOT** ELIGIBLE FOR FEMA REIMBURSEMENT:	$0.00

SOURCE OF FUNDS:	☑ Hazard Mitigation Grant
DBE PARTICIPATION GOAL	36%
DBE PARTICIPATION ACHIEVED	21%

Celso Antunez

Celso M. Antunez
Project Manager

Melvin R Spooner

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

R-159-2017

AWARD OF CONTRACT TO PROVIDE DESIGN AND ENGINEERING SERVICES FOR DPS #4 CANOPY AND BRIDGE CRANE ADDITION

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 All South Engineers to provide project administration and management, preliminary engineering analysis, preliminary and final design, bidding and construction phase services for the DPS #4 Canopy and Bridge Crane Addition; and

WHEREAS, All South Engineers is providing a phased approach in accordance with project requirements; and

WHEREAS, the Sewerage and Water Board of New Orleans Staff Contract Review Committee met and established a goal of 35% for this contract, and

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 All South Consulting Engineers, 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, Bruce H. Adams, Interim General Superintendent, 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 **December 20, 2017.**

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

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

Sewerage & Water Board OF NEW ORLEANS

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

Date: December 6, 2017

From: Bruce H. Adams, P.E.
Interim General Superintendent Bruce H. Adams 12.08.2017

To: Paul Rainwater
Interim Management Team

Re: **Contract – Consulting Services for DPS # 4 Canopy and Bridge Crane Addition**

Following the August 5th 2017 emergency, Interim Management assessed the needs for facility improvements to mitigate operation safety issues. The ability to operate the pump station will be dramatically improved by enclosing the main pumping units within a building.

A pre-design scope meeting was held on Friday November 10, 2017 discussing the needs of this project which will include a new metal building of approximately 8,400 sq. ft. covering the majority of the exterior pump deck and a new or reconfigured 15-ton bridge crane.

Consulting services includes preliminary and final design, bidding and contracts, and construction phase services. This project will include a survey, evaluation and existing structural analysis phases to verify that the existing structure can support the proposed metal building and bridge crane.

The SWB staff solicited and, in October 2014, the Board approved a list of vendors to provide engineering services on SWB projects. From that list, the staff recommends the approval of All South Engineers for such services, as they are known to possess highly-experienced staff with these credentials, and they are among the Board's current list of pre-qualified consultants. All South Engineers has committed to meet our 35% goal for Disadvantaged Business Enterprises Program.

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

Bruce H. Adams, P.E.
Interim General Superintendent

BHA:ff

Cc: M. Ron Spooner, Chief of Engineering
Frank Fromherz, Project Manager
Fred Tharp, Deputy Program Administrator
Alvin Porter, EDB Director

All South Consulting Engineers
www.ascellc.com

November 17, 2017

Fred O. Tharp, P.E.
Deputy Program Administrator
Sewerage & Water Board of New Orleans
8800 S. Claiborne Avenue
New Orleans, LA. 70118

RE: DPS # 4 Canopy and Bridge Crane Addition
All South Cost Proposal

Mr. Tharp,

We are in receipt of S&WB's request that All South Consulting Engineers, llc (All South) provide a design proposal for the DPS#4 canopy and bridge crane addition project. As discussed at the pre-design on site scope meeting held on Friday November 10, 2017, this project will include a new metal building of approximately 8,400 sf covering the majority of exterior pump deck with a new 15-ton bridge crane. Additionally, as discussed, this project will include a survey, evaluation and existing structure structural analysis phase to verify that the existing structure can support the proposed metal building and bridge crane.

All South has performed a detailed man hour level of effort analysis to determine the proposed design costs associated with the above referenced scope of work. All South proposes the below lump sum fee amounts for the below tasks. Detailed Man-hour break downs of the proposed design costs are included in the 2 attachments.

Task	Fee
Site assessment / survey	$ 8,580.00
Review / compile existing station as- builts	$ 4,500.00
Exisitng structure analysis and evaluation	$ 49,590.00
Develop cover support options / alternatives	$ 6,960.00
Develop Preliminary Plans (65%)	$ 59,850.00
Develop Final Plans & Specifications	$ 54,675.00
QA/QC preliminary and final plans	$ 7,800.00
Bidding and advertising phase	$ 7,700.00
Construction Administration	$ 32,900.00
Resident Inspection	$ 78,000.00
Total Fee	$ 308,305.00

Metairie
652 Papworth Avenue
Metairie, LA 70005
Tel 504-322-2783

Belle Chasse
305A Main Street
Belle Chasse, LA 70037
Tel 504-394-4424

Houma
302 School Street
Houma, LA 70360
Tel 985-537-8893

Raceland
3744 Highway 1
Raceland, LA 70394
Tel 985-537-8893

Baton Rouge
8000 GSRI Avenue
Baton Rouge, LA 70820
Tel 225-532-1406

All South Consulting Engineers will utilize 2 subconsultants during the design and construction phases of this project to achieve the 35% DBE goal.

If any additional information is required, please contact my office.

Thank you,

Stephen Bourg, P.E.
Senior Vice President
All South Consulting Engineers, LLC

Enclosures

1. Man-hour Summary Estimate
2. Existing Structure Analysis Man-hour Estimate

Drainage Pump Station #4 - Canopy and Bridge Crane

Professional Service Manhour Estimate

ALL SOUTH CONSULTING ENGINEERS, LLC

11/17/2017

Task No.	Description	Principle	Senior Professional Engineer (PE)	Project Engineer (PE)	CADD Technician	Resident Inspector	Technician	Clerical	Total Hrs/ Task	Fee
1	Site assessment / survey		12	24	16		24		76	$ 8,580.00
2	Review / compile existing station as- builts		12	16					28	$ 4,500.00
3	Exisitng structure analysis and evaluation (see attached spreadsheet for breakdown of man-hours)		92	232				6	330	$ 49,590.00
4	Develop cover support options / alternatives - meet w/ S&WB to review		8	24	24				56	$ 6,960 00
5	Develop Preliminary Plans (65%)	10	70	160	230			30	500	$ 59,850 00
6	Develop Final Plans & Specifications	8	65	140	200			60	473	$ 54,675.00
7	QA/QC preliminary and final plans		40						40	$ 7,800.00
8	Bidding and advertising phase	2	8	34				20	64	$ 7,700.00
9	Construction Administration	8	40	140				80	268	$ 32,900.00
10	Resident Inspection (assume 6 months construction duration)					1,040			1,040	$ 78,000.00
	Total Hours	18	347	770	470	1,040	24	196	2,865	$ 308,305.00
	Hourly Rate	$ 225.00	$ 195.00	$ 135.00	$ 90.00	$ 75.00	$ 65.00	$ 55.00		
	Total Fee Person	$ 4,050.00	$ 67,665.00	$ 103,950.00	$ 42,300.00	$ 78,000.00	$ 1,560.00	$ 10,780.00		
	Estimate of Fees	$ 308,305.00								

Exisitng Drainage Pump Station #4 structure analysis and evaluation

Professional Service Manhour Estimate

ALL SOUTH CONSULTING ENGINEERS, LLC
11/17/2017

Task No.	Description	Principle	Senior Professional Engineer (PE)	Project Engineer (PE)	CADD Technician	Resident Inspector	Technician	Clerical	Total Hrs/ Task	Fee
1	Determine existing crane weights / loadings /reactions on existing structure (DL,LL and WL) - check with crane vendor / shop dwgs/ load dwgs		6	32					38	$ 5,490.00
2	Check existing steel columns / frames on canal side		4	16					20	$ 2,940.00
3	Review existing drawings/ develop crane load path rundown to foundation		6	16					22	$ 3,330.00
4	Locate/ compile / develop existing mechanical weights / loadings on pump deck		12	40					52	$ 7,740.00
5	Develop load path diagram to determing existing beam/ column and foundation loadings per member		6	24					30	$ 4,410.00
6	Preliminary layout sizing of proposed frames /columns to determine new reactions (DL,LL and WL)		10	32					42	$ 6,270.00
7	Preliminary layout/ discussions with new crane vendor on configuration / reactions		4	8					12	$ 1,860.00
8	Check existing pump deck slabs, concrete bms, concrete columns, foundation slab and piles for all loadings (existing and proposed)		20	52					72	$ 10,920.00
9	QA/QC		20						20	$ 3,900.00
10	Develop report		4	12				6	22	$ 2,730.00
11									0	$ -
12									0	$ -
	Total Hours	0	92	232	0	0	0	6	330	$ 49,590.00
	Hourly Rate	$ 225.00	$ 195.00	$ 135.00	$ 90.00	$ 75.00	$ 65.00	$ 55.00		
	Total Fee Person	$ -	$ 17,940.00	$ 31,320.00	$ -	$ -	$ -	$ 330.00		
	Estimate of Fees	**$ 49,590.00**								

R-160-2017

CONTRACT 1402 – REMOVAL OF SILT FROM THE NEW RIVER INTAKE STATION

WHEREAS, the Sewerage and Water Board of New Orleans received three (3) bids received on Friday, December 1, 2017 after advertising according to the Public Bid Law, for performing work under Contract 1402, and

BE IT RESOLVED, after review it is recommended that the responsible and responsive low bid is hereby accepted and contract awarded therefore to **Durward Dunn, Inc.** in the amount of $100,050.00.

I, Bruce Adams, Interim General Superintendent, 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 December 20, 2017.

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE AND WATER BOARD
Inter-Office Memorandum

Date: December 7, 2017

To: Bruce Adams, P.E., Deputy Director of Engineering and Construction

From: M. Ron Spooner P.E., Chief of Engineering MRS

Re: **BID RECOMMENDATION**
Contract #1402 – Removing Silt from the New River Intake

Three (3) bids were received for the subject project on Friday, December 1, 2017. The three (3) bids are as follows.

1. Durward Dunn, Inc.	**$100,050.00**
2. Bertucci Contracting Company, LLC	**$118,050.00**
3. Boh Bros. Construction Co., LLC	**$210,250.00**

The lowest, responsive bid by Durward Dunn, Inc. in the amount of $100,050.00 is recommended for acceptance. The bid is within the Engineer's Estimate for this project, which was $150,000.00. A DBE goal of 0% was recommended for this project and Durward Dunn, Inc. did not submit any participation. Funding is from Capital Program 110.

MRS/lhh

Enclosed: One (1) copy of Bid Tabulation
cc: W. Mingo, H. Amini, F. Fromherz, A. Porter, L. Hirsch

BID TABULATION

Contract 1402 - Removing Silt From the New River Intake Station

BID OPENED: December 1, 2017

				DURWARD DUNN, INC.		Bertucci Contracting Company, LLC		Boh Bros. Constuction Co., LLC	
ITEM	DESCRIPTION OF ITEM	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Total Base Bid including Removing 740 cubic yards of Silt	1	Lump Sum	$99,950.00	$99,950.00	$118,000.00	$118,000.00	$196,950.00	$196,950.00
2	Removing an additional 100 cubic yards of Silt	1	100 cubic yds.	$100.00	$100.00	$50.00	$50.00	$13,300.00	$13,300.00
					$100,050.00		$118,050.00		$210,250.00
	NOTES			Unit Price was not added into the total price Unit Price was multiplied by 100		Math not done correctly for unit price (was multiplied by 100 to make a total price of $123,000)			

R-161-2017

FINAL ACCEPTANCE AND CLOSEOUT OF CONTRACT 3737 – CARROLLTON AREA SEWER REHABILITATION, MISTLETOE ST 18-INCH SEWER MAIN REPLACEMENT

WHEREAS, the Sewerage and Water Board entered into Contract 3737 with Wallace C. Drennan, Inc. to rehabilitate an 18 inch sewer main on Mistletoe St,

WHEREAS, the Interim General Superintendent in his Report has recommended this contract receive final acceptance and be closed, and

NOW THEREFORE BE IT RESOLVED, by the Sewerage and Water of New Orleans that the recommendation of the Interim General Superintendent to authorize final acceptance and to close Contract 3737 by Wallace C. Drennan, Inc. is hereby approved.

I, Bruce Adams, Interim General Superintendent,
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 December 20, 2017.

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE & WATER BOARD OF NEW ORLEANS

- FINAL ACCEPTANCE STATEMENT -

DATE: November 13, 2017

FROM: Hadi Amini, P.E., Construction Administration & Inspection Engineering

TO: Bruce Adams, P.E., Interim General Superintendent Bruce A. Adams 11.14.2017

RE: Contract No.: 3737

CC: Ron Spooner, Mark Johnson

TITLE: Carrollton Area Sewer Rehabilitation,
Mistletoe Street, 18-inch Sewer Main Replacement

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

CONTRACTOR:	Wallace C. Drennan, L.L.C.
LUMP SUM BID:	$0.00
UNIT PRICE BID:	$797,625.00
TOTAL CONTRACT BID:	$797,625.00
UNIT PRICE EXTENSIONS TO CONTRACT:	0
NO. CHANGE ORDERS:	4
TOTAL CHANGE ORDER AMOUNT:	$139,208.54
(Do not include unit price work in Change Orders)	
TOTAL CONTRACT EXPENDITURE:	$936,833.54
CHANGE ORDER PERCENT OF LUMP SUM + UNIT PRICE BID TOTAL:	17.45%
DATE WORK ORDER ISSUED:	11/2/2015
DATE WORK ACCEPTED:	8/29/2017
INCOMPLETE PUNCHLIST ITEMS CREDIT DUE TO S&WB:	$46,823.68
CONTRACT LIQUIDATED DAMAGES DUE TO S&WB:	$0.00
RETAINAGE INCLUDING FINAL CHANGE ORDER DUE TO CONTRACTOR:	$18.00
TOTAL AMOUNT DUE TO S&WB:	$0.00
TOTAL CONTRACT AMOUNT ELIGIBLE FOR FEMA REIMBURSEMENT:	$0.00
TOTAL CONTRACT AMOUNT NOT ELIGIBLE FOR FEMA REIMBURSEMENT:	$936,833.54
SOURCE OF FUNDS: CAP	
DBE PARTICIPATION GOAL	16.00%
DBE PARTICIPATION ACHIEVED	23.17%

Approved by:

Mark Johnson

Mark Johnson
Project Engineer

Melvin R Spooner

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

R-171-2017

RATIFICATION OF CHANGE ORDER NO. 1 FOR REQUISITION CO 17-0014 EMERGENCY REPAIRS OF TURBINE #5 AT THE CARROLLTON WATER PLANT

WHEREAS, the Sewerage & Water Board of New Orleans entered into an purchase order agreement with General Electric for emergency inspection and repairs to Gas Turbine Generator #5 in the amount of $1,200,000.00, and

WHEREAS, the contractor provided additional repair services via several authorized work tasks following the inspection of the turbine, and

WHEREAS, this change order, in the amount of $824,962.80, brings the accumulated contract change order total to $2,024,962.80, and

NOW THEREFORE BE IT RESOLVED, that approval of Change Order No. 1 for Requisition CO 17-0014 is ratified by the Sewerage and Water Board of New Orleans.

I, Bruce Adams, Interim General Superintendent, 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.

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

Sewerage & Water Board

Inter-Office Memorandum

Date: December 11, 2017

From: Bruce Adams, P.E.
Interim General Superintendent BHA

To: Paul Rainwater
Interim Management Team

Re: Requisition CO-17-0014 – Emergency Repair of Turbine #5 at the Carrollton Water Plant

Enclosed please find a recommendation from the Chief of Engineering for approval of Change Order No. 1 for the above contract. The original Purchase Order cost was $1,200,000 and construction commenced upon the date of July 30, 2017. The total cost of this change order is $824,962.80 and represents 68.7% of the original bid amount. This change order has been reviewed and approved by S&WB staff.

Due to the specialized skills associated with repairing this turbine, the required DBE participation on this Contract is 0%.

This Change Order is comprised of 9 Field Change Orders (FCO) as follows:

- EWA 1– Furnishing 1 Row of Inlet Guide Vanes and the 1st 3 Rows of Compressor Stator Vanes. General Electric, the Original Equipment Manufacturer for this turbine, recommended replacement of these vanes to increase the unit's safety and reliability.
- EWA 2 – Expediting Changes for the Inlet Guide Vanes. S&WB staff directed the Contractor to expedite the delivery date for replacing the compressor vanes.
- EWA 3 – Painting Upper and Lower Bell Mouth Casing. S&WB staff directed the Contractor to paint the casing to prevent future corrosion of the new casing.
- EWA 4 – Oil and Air Cooler Refurbishment. The S&WB staff directed the contractor to refurbish the leaking oil and air coolers.
- EWA 5 – Generator Inspection and Electrical Testing. Additional inspection and testing of the existing generator during this outage.
- EWA 6 – Exciter Inspection and Testing. Additional inspection and testing of the exciter during this outage.
- EWA 7 – Dry Steam Cleaning of Compressor Rotor and Casing Blading. S&WB staff directed the contractor to steam clean the rotor and compressor blades to increase the unit's performance.

- EWA 8 – Inspection and Repair of the Second Stage Nozzle. The second stage turbine nozzle had wear due to run time and age. The S&WB staff directed the contractor to repair the nozzle to increase the unit's reliability.

- EWA 9 – Replacement Turbine Oil and Delivery. The S&WB staff directed the contractor to furnish and replace the turbine oil which was in a degraded condition and warranted replacement.

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

cc: Bruce Adams
M. Ron Spooner
Eric Labat
Alvin Porter
Rosita Thomas
Legal Department
Willie Mingo

Sewerage & Water Board

Inter-Office Memorandum

Date: December 11, 2017

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

To: Bruce H. Adams, P.E.
Interim General Superintendent

Re: Req. CO-17-0014 - Emergency Repairs of Turbine #5 at the Carrolton Power Plant

Description of Change Order No. 1 General Electric was directed by SWBNO to complete the extra scope of work. See Scope of Changes for further details.

Original Contract Bid Price:	$1,200,000.00
Previously Approved Change Orders:	$0.00
This Change Order Amount:	$824,962.80
Total Change Orders (% of Original Contract)	68.7%
Total Cumulative Change Order Amount:	$824,962.80
Current Contractor DBE Participation	N/A
Contract DBE Participation Goal	0.0%
Forecasted DBE Participation	N/A

The Engineering Department has reviewed this proposal and is recommending it for approval.

I concur: Bruce H. Adams Date: 12/11/2017

Bruce H. Adams, P.E.
Interim General Superintendent

cc:
Alvin Porter
Dexter Joseph
Rosita Thomas
Willie Mingo
Legal Dept
Eric Labat

SCOPE OF CHANGES
Req. CO-17-0014 Turbine #5 Emergency Repairs
(Change Order No. 1)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	Task#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
1	1	1 Row of Inlet Guide Vanes and the First 3 Rows of Compressor Stator Vanes	LS	$485,285.00	1	$485,285.00	0	
2	2	Expediting Changes for the Inlet Guide Vanes	LS	$69,190.00	1	$69,190.00	0	
3	3	Painting Upper and Lower Bell Mouth Casing	LS	$6,175.00	1	$6,175.00	0	
4	4	Oil and Air Cooler Refurbishment	LS	$14,177.80	1	$14,177.80	0	
5	5	Generator Inspection and Electrical Testing	LS	$30,520.00	1	$30,520.00	0	
6	6	Exciter Inspection and Testing	LS	$19,270.00	1	$19,270.00	0	
7	7	Dry Steam Cleaning of Compressor Rotor and Casing Blading	LS	$29,900.00	1	$29,900.00	0	
8	8	Inspection and Repair of the Second Stage Nozzle	LS	$122,430.00	1	$122,430.00	0	
9	9	Replacement Turbine Oil and Delivery	LS	$48,015.00	1	$48,015.00	0	
						$824,962.80	0	

Contract DBE %	0.0%
Current DBE %	N/A
Forecasted DBE %	N/A

Original	$1,200,000.00
Amount of previous Change Orders	$0.00
Amount this Change Order	$824,962.80
Change Orders to date	$824,962.80
REVISED CONTRACT AMOUNT	$ 2,024,962.80

Original Contract Days	NA
Days Previously Added	NA
Days this Change Order	NA
Days Added to date	NA
REVISED CONTRACT DAYS	NA

% OF ORIGINAL CONTRACT AMOUNT

This Change Order	68.7%
Previous Change Order	0.0%
TOTAL TO DATE	68.7%

It is mutually agreed to perform and accept the above revisions in accordance with the original contract and applicable specifications for the above price. This Change Order constitutes a full and complete settlement of the matters set forth herein; including all direct and indirect costs for equipment, manpower, overhead, profit and delay. This settlement also is limited to and applies to any claims arising out of or in account of the matters described and set forth in this agreement

Recommended By:

E Labat 12/11/17

Eric Labat — Date
Interim Chief of Operations

Approved By:

Melvin R Spooner 12/11/17

M. Ron Spooner — Date
Chief of Engineering

Construction Management Change Order Detail
(Change Order No. 1)
General Electric

Item #	FCO#	Description of Work	Reason For Work	FEMA Eligible	Effect on Critical Path
1	1	1 Row of Inlet Guide Vanes and the First 3 Rows of Compressor Stator Vanes	During the inspection of the damaged inlet compressor casing and vanes, the recommendation was made by the OEM to replace eroded vanes of safety and reliability of the the turbine.	no	YES
2	2	Expediting Changes for the Inlet Guide Vanes	The long lead time on replacement vanes affected schedule.	no	YES
3	3	Painting Upper and Lower Bell Mouth Casing	Painting of the casing will prevent corrosion.	no	N/A
4	4	Oil and Air Cooler Refurbishment	Refurbishment of the coolers will increase reliability of the unit when returned to service.	no	YES
5	5	Generator Inspection and Electrical Testing	While the turbine was out of service the contract was directed the test the generator and make recommendations.	no	N/A
6	6	Exciter Inspection and Testing	While the turbine was out of service the contract was directed the test the exciter and make recommendations.	no	N/A
7	7	Dry Steam Cleaning of Compressor Rotor and Casing Blading	Since the compressor rotor was removed from the casing the contractor recommended steam cleaning to improve the turbines efficiency.	no	N/A

8	8	Inspection and Repair of the Second Stage Nozzle	The second stage turbine nozzle had cracks that needed to be shop weld repaired to increase the reliability of the unit when returned the service.	no	YES
9	9	Replacement Turbine Oil and Delivery	The current oil condition was not satisfactory to return the unit to service. A complete oil change was warranted.	no	YES

R-172-2017

CONTRACT AMENDMENT NO. 1 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND VEOLIA WATER NORTH AMERICA-SOUTH, LLC FOR EMERGENCY PROFESSIONAL SERVICES AGREEMENT FOR FACILITIES CONDITION ASSESSMENT

WHEREAS, on August 25, 2017 the Sewerage and Water Board of New Orleans (Board) awarded an emergency contract in the amount of $3,000,000.00 to Veolia Water North America-South, LLC to assist the Board in the areas of Asset Hierarchy Development, Asset Criticality, Condition Assessment, Pumping Capacity Testing, Drainage System Assessment, System Visibility and Analytics, Storm Drainage System Review and Resource and Personnel Availability; and

WHEREAS, the current term of the contract for Professional Services by Veolia Water North America-South, LLC expired on November 30, 2017; and

WHEREAS, the Board approved at the November 2017 Board Meeting Veolia's budget amendment request of $2,766,971.00 to perform additional engineering services; and,

WHEREAS, Veolia Water North America-South, LLC is requesting a five (5) month contract extension for developing a functional live data platform associated with Task 6 – Visibility Platform; and,

NOW THEREFORE BE IT RESOLVED, that the President and/or President Pro Tem shall be authorized to execute the amendment to this agreement with Veolia Water North America-South, LLC increasing the fee authorized to be paid to Veolia Water North America-South, LLC by $2,766,971.00 and extending the contract period to April 30, 2018.

I, Bruce Adams, Interim General Superintendent,
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 December 20, 2017.

BRUCE ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE AND WATER BOARD OF NEW ORLEANS

Inter-Office Memorandum

Date: December 11, 2017

From: Bruce Adams, P.E.
Interim General Superintendent BAA

To: Paul Rainwater
Interim Management Team

Re: **Contract Amendment No. 1 – Veolia Water North America-South, LLC Emergency Professional Services Agreement for Facilities Condition Assessment**

Please see the attached letter from the Chief of Engineering, recommending approval of a Contract Amendment for Additional Engineering Services performed by Veolia Water North America-South, LLC (Veolia).

On August 25, 2017 the Sewerage and Water Board of New Orleans awarded an emergency contract in the amount of $3,000,000.00 to Veolia to assist the Board in the areas of Asset Hierarchy Development, Asset Criticality, Condition Assessment, Pumping Capacity Testing, Drainage System Assessment, System Visibility and Analytics, Storm Drainage System Review and Resource and Personnel Availability. On November 15, 2017 the Board approved Veolia's budget amendment request of $2,766,971.00 to perform additional engineering services. The current term of the Contract for Professional Services by Veolia expired on November 30, 2017. Veolia Water North America-South, LLC is requesting a five (5) month contract extension ending April 30, 2018.

The required DBE participation goal will remain the same as per the original contract goal of 10%. This Contract Amendment request brings the cumulative total of Contract Amendments to $5,766,971.00.

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

Cc: M. Ron Spooner, Chief of Engineering
Eric Labat, Interim Chief of Operatons
Willie Mingo, Procurement
Legal Dept

SEWERAGE AND WATER BOARD OF NEW ORLEANS

Inter-Office Memorandum

Date: December 11, 2017

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

To: Bruce Adams, P.E.
Interim General Superintendent

Re: **Contract Amendment No. 1 – Veolia Water North America-South, LLC (Veolia) Emergency Professional Services Agreement for Facilities Condition Assessment**

Enclosed please find a recommendation for approval of Contract Amendment No. 1 for the above captioned contract. This amendment extends Veolia's current contract term which expired on November 30, 2017 by five (5) months to April 30, 2018. The amendment also authorizes an increase of fees by $2,766,971.00 which was approved at the November 15, 2017 Board Meeting, bringing the cumulative total of the contract to $5,766,971.00.

Original Contract Award Amount:	$3,000,000.00
Previous Approved Contract Amendments:	$0
This Contract Amendment Amount:	$2,766,971.00
Total Cumulative Dollar Contract Amendment Amount:	$5,766,971.00
Contract DBE Participation	10%
Forecasted DBE Participation	10%

The Engineering Department has reviewed this proposal and is recommending it for approval.

I concur: Bruce D Adams
Bruce Adams, P.E.
Interim General Superintendent

Date: 12.12.2017

Cc:
Willie Mingo, Procurement
Rosetta Thomas, Finance Director
Eric Labat, Interim Chief of Operations
Legal Dept.

AMENDMENT No. 1
EMERGENCY PROFESSIONAL SERVICES AGREEMENT
FOR FACILITIES CONDITION ASSESSMENT
VEOLIA WATER NORTH AMERICA-SOUTH, LLC

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

AES #	CN	Detailed Description	Fee	Funding Source
1		Additional engineering services, root cause analysis reports, completion of facilities assessment and staff augmentation during Hurricanes Harvey and Nate. Extension of contract to April 30, 2018.	$ 2,766,971.00	System Funds
			TOTAL	$ 2,766,971.00

CONTRACT DBE %	
Contract DBE%	10%
Current DBE%	10.00%

CONTRACT AMOUNT		
Original Contract Amount	$	3,000,000.00
Amount of Previous Amendments	$	-
Amount of this Amendment	$	2,766,971.00
Amendments to date	$	2,766,971.00

REVISED CONTRACT AMOUNT	$	5,766,971.00

It is mutually agreed to perform and accept the above revisions in accordance with the currently ammended contract and the applicable specifications for the above price.

Proposed By:

Peter Stock
Veolia Water North America-South, LLC

12/12/2017
Date

Recommended By:

Melvin R Spooner

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

12/12/17
Date

12/12/2017 @ 1:23 PM

December 11, 2017

Subject: Veolia Contract Amendment: Additional Scope, Compensation and Term Extension

Dear Ms. Dignan and Mr. Adams,

This letter outlines a formal request **to amend the existing Veolia Emergency Professional Services Contract term through April 30, 2018**. The objective of this extension will be focused on ensuring that the Task 6 – Visibility Platform development can be more successful transitioned to the Sewerage and Water Board upon project close-out.

Specifically, the scope of work will be to:

(1) Complete installation of input points on new meters.
(2) Add systems to 5 unmonitored pump stations.
(3) Complete Site Acceptance Testing (i.e. end-to-end testing of all connected stations as well as modifications of software screens)
(4) Configure alarms and alarm notification software.
(5) Training of a S&WB SCADA Team.
(6) Pilot key solutions for Phase II.

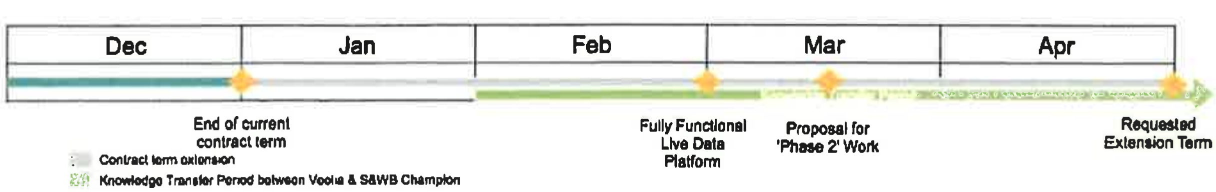
Compensation:

As of today, per our request dated November 17, 2017, the SW&B already was working on an amendment to increase the compensation cap to $5,766,971 and to extend the term of the Agreement to enable Veolia to assist with additional tasks, such as the recent root cause analysis Veolia just performed. The scope of work set forth in this request is the type of additional tasks the Board anticipated. Thus, the cap of $5,766,971 is not further increased based on this scope.

Timeline and Term Extension:

Veolia requests the Contract be amended through April 30, 2018. The term extension is required to enable Veolia to develop a fully functional live data platform.

The timeline below outlines the key milestones of this term extension and the following table summarizes the approximate costs of Phase II work.



Veolia has communicated the changes of its November 17, 2017 letter and this letter to the SW&B and anticipates one amendment covering all such changes will be promptly executed. Please advise if Veolia or Veolia's counsel can assist in any way.

Kind Regards,

Mia Javier
Project Director
Technical & Performance

BUDGET AMENDMENT REQUEST FOR EMERGENCY CONTRACTS

November 14, 2017

Line #	Project	Budget Approved	Budget Amendment Required	Commitment to Date via Contract or Purchase Order	Reason for Additional Amount	Source	Recommended Funding Split	Water Bond Reserve	Water Operations Reserves	Sewer Operations Reserves	Drainage Operations Reserve	TOTAL
1	Turbine 3 Repairs	$ 2,500,000	$ 2,628,173	$ 4,350,986	Additional funding for Turbine 3 Repairs.	CAP	WTR-40%, SWR-40%, DRN-20%,	$ 1,051,269.20		$ 1,051,269	$ 525,634.60	$ 2,628,173.00
2	Turbine 3 Refurbished Rotor	$ 10,000,000	$ -	$ -	Rotor Repairs. Work has not yet been approved							$ -
3	Turbine 4 Repairs	$ -	$ 426,424	$ 426,424	New Switchgear and Additional Repairs to return to service	CAP	WTR-40%, SWR-40%, DRN-20%,	$ 170,569.60		$ 170,570	$ 85,284.80	$ 426,424.00
4	Turbine 5	$ 1,200,000	$ 750,000	$ 2,534,257	Turbine 5 Repairs to bring back to service	CAP	WTR-40%, SWR-40%, DRN-20%,	$ 300,000.00		$ 300,000	$ 150,000.00	$ 750,000.00
5	Turbine 6	$ -	$ 235,000	$ 535,991	Fire Suppression and Software Upgrades. Awaiting Proposal	O & M	WTR-40%, SWR-40%, DRN-20%,		$ 94,000.00	$ 94,000.00	$ 47,000.00	$ 235,000.00
6	Permanent Gen	$ 15,000,000	$ 2,500,000	$ 16,797,000	Additional Electrical Related Expenses for Connecting Permanent EMDs.	CAP	WTR-40%, SWR-40%, DRN-20%,	$ 1,000,000.00		$ 1,000,000	$ 500,000.00	$ 2,500,000.00
7	Temp Gen	$ 7,000,000	$ 2,511,765	$ 10,511,765	Generator Rental Extensions	O & M	DRN-100%				$ 2,511,765.00	$ 2,511,765.00
8	Panola Pumps	$ -	$ 220,000	$ 220,000	Emergency Repairs to restore Operations	CAP	WTR 100%	$ 220,000				$ 220,000.00
9	Claiborne Water Pumps	$ -	$ 70,000	$ 70,000	Emergency Repairs to restore Operations	CAP	WTR 100%	$ 70,000				$ 70,000.00
10	DPS 5 & 6	$ -	$ 467,411	$ 467,411	Change Order additional Repairs	CAP	DRN-100%				$ 467,411	$ 467,411.00
11	DPS 20	$ -	$ 188,810	$ 188,810	Change Order additional Repairs	CAP	DRN-100%				$ 188,810	$ 188,810.00
12	Other DPS	$ 4,565,537	$ -	$ 4,565,537	Previously Approved	CAP	DRN-100%					$ -
13	CH2M	$ 3,000,000	$ 5,489,840	$ 3,000,000	Project Management and Project Controls of DPS repairs, EMD Installation and Coordination Support, Modelling and Power Study	CAP	WTR-40%, SWR-40%, DRN-20%,	$ 2,195,936.0		$ 2,195,936.00	$ 1,097,968.00	$ 5,489,840.00
14	Veolia	$ 3,000,000	$ 2,766,971	$ 3,000,000	Staff Augmentation during Harvey & Nate, Root Cause Analysis Reports, Completion of Facilities Assessment	CAP	WTR-40%, SWR-40%, DRN-20%,	$ 1,106,788.4		$ 1,106,788.40	$ 553,394.20	$ 2,766,971.00
15	Manpower	$ 497,738.00	$ 200,000	$ 497,738.00	Additional ITeam Support till December 2017.	O & M	WTR-40%, SWR-40%, DRN-20%,		$ 80,000.0	$ 80,000.0	$ 40,000.00	$ 200,000.00
16	Staff Augmentation	$ -	$ 200,000	$ -	Staff Augmentation RFP Distributing amongst all systems but will have to code invoice based on Positions Filled. Estimate till December 2017.	O&M	WTR-40%, SWR-40%, DRN-20%,		$ 80,000.00	$ 80,000.00	$ 40,000.00	$ 200,000.00
	TOTAL BUDGET AMENDMENT RECOMMENDED	**$ 46,763,275**	**$ 18,654,394**	**$ 47,165,919**				**$ 6,114,563.20**	**$ 254,000.00**	**$ 6,078,563.20**	**$ 6,207,267.60**	**$ 18,654,394.00**

R-173-2017

CONTRACT AMENDMENT NO. 1 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND CH2M HILL ENGINEERS, INC FOR EMERGENCY PROGRAM MANAGEMENT AND STAFF AUGMENTATION OF OPERATIONS MAINTENANCE AND RECOVERY

WHEREAS, on August 23, 2017 the Sewerage and Water Board of New Orleans (Board) awarded an emergency contract in the amount of $3,000,000.00 to CH2M Hill Engineers, Inc. (CH2M) to assist the Board in the areas of Emergency Program Management & Support, Emergency Pump Restoration Program and Emergency Power Program; and

WHEREAS, the current term of the contract for Professional Services by CH2M expired on November 30, 2017; and

WHEREAS, the Board approved at the November 2017 Board Meeting Ch2M's budget amendment request of $2,489,840.00 to perform additional engineering services; and,

WHEREAS, CH2M is requesting a two (2) month contract extension for performing Project Management and Project Controls; and,

NOW THEREFORE BE IT RESOLVED, that the President and/or President Pro Tem shall be authorized to execute the amendment to this agreement with CH2M increasing the fee authorized to be paid to CH2M by $2,489,840.00 and extending the contract period to January 30, 2018.

I, Bruce Adams, Interim General Superintendent,
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 December 20, 2017.

BRUCE ADAMS, INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

R-151-2017

ACCEPTANCE OF THE REPORT ON OPERATIONS FOR 2016

WHEREAS, Black & Veatch was authorized by this first renewal and Amendment No. 2 to prepare the Report on Operations for 2016; and

WHEREAS, the completed report covering adherence to Bond resolutions, financing of future projects and operations has been completed and delivered to the Board; and

WHEREAS, a review by staff indicates that the report is satisfactory in all respects.

NOW THEREFORE BE IT RESOLVED, that the 2016 Report on Operations is accepted as complete.

I, Bruce Adams, Interim General Superintendent Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of the resolution adopted at a Regular Monthly Meeting of said Board, duly called and held, according to law on November 15, 2017.

BRUCE ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE AND WATER BOARD OF NEW ORLEANS

2018 Operating Budget and 2018 Capital Budget Appropriations
December 20, 2017

WHERAS, as authorized by Louisiana R.S. 33:4083 that all funds received by the Board from water rates, and from the city by appropriation from its treasury, shall be deposited to the credit of the Board as collected, with fiscal agent of the city, shall not be paid out except upon duly adopted resolution of appropriation, and;

WHEREAS, Louisiana R.S. 33:4094 specifically outlines the procedure for disbursement of Board funds on deposit with the Board of Liquidation, City Debt,

NOW, THEREFORE, BE IT RESOLVED by the Sewerage and Water Board of New Orleans, that this resolution of appropriation is adopted to authorize and empower the disbursement of funds as identified in its 2018 Operating Budget and 2018 Capital Budget, by those designed parties, both within the Board as specified by its by-laws and by and through warrants drawn on the Board of Liquidation, City Debt.

I, Bruce H. Adams, Interim General Superintendent
Sewerage and Water Board of New Orleans
do hereby certify that the above and foregoing
is true and correct copy of a Resolution
adopted at the Regular Monthly Meeting of
said Board, duly called and held, according to
law on December 20, 2017

BRUCE H. ADAMS
INTERIM GENERAL SUPERINTENDENT
SEWERAGE & WATER BOARD OF NEW ORLEANS

SEWERAGE AND WATER BOARD
Inter-Office Memorandum

Date: **December 5, 2017**

To: **Marina Kahn, Interim Chief Financial Officer**

From: **Rosita P. Thomas, Finance Administrator** RPT

Re: **2018 OPERATING BUDGET AND 2018 CAPITAL BUDGET BLANKET APPROPRIATIONS RESOLUTION**

Attn: **Jasmin Lawrence**

Please find attached Resolution #R-158-2017 for the 2018 Operating Budget and 2018 Capital Budget Blanket Appropriations date December 20, 2017 for the Finance and Administration Committee and the Full Board approval. Place this resolution on the Finance and Administration Committee agenda as an action item.

This resolution is prepared annually and forwarded to the Board of Liquidation in accordance with the Board's policy and Louisiana State Statue.

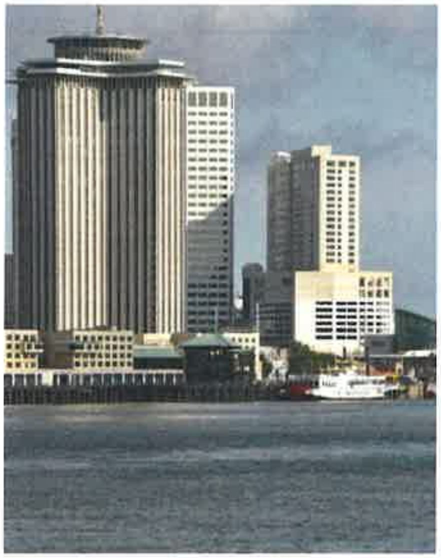
Please contact me at 585-2364, if further discussion is necessary.

cc: Bruce Adams
Dexter Joseph

Sewerage & Water Board of New Orleans
10-Year Capital Improvement Plan
Fiscal Years 2018-2027

Overview and History

For more than 120 years the Sewerage and Water Board of New Orleans (the Board) has provided safe, high quality drinking water, reliable water supply for fire protection, collection and treatment of all wastewater, and drainage services to the nearly 400,000 citizens on both the East Bank and West Bank of the Mississippi River, in Orleans Parish, Louisiana.



As a result of its unusual topography, throughout its nearly 300-year history, New Orleans has been subject to periodic flooding from the Mississippi River and Lake Pontchartrain, as well as frequent inundation from high intensity rainfall.

During the 18th century, without a municipal water supply, the greater part of the city burned to the ground twice. Ironically, over 300 billion gallons of water a day were pouring down the Mississippi less than two blocks from the fire. During that early period in our history, there were no purification or sterilization procedures for safe drinking water, and a sewage collection and disposal system was also non-existent. Thankfully, these conditions no longer exist as a result of the plans put in place by city leaders in the late 19th century. They decided to develop systems that would keep New Orleans drained, adequately supplied with water for drinking and fire protection, and provided a sanitary sewerage system.

In 1896, the New Orleans Drainage Commission was organized to carry out a master drainage plan that had been developed for the city. Three years later, the Sewerage and Water Board was authorized by the Louisiana Legislature to furnish, construct, operate, and maintain a water treatment and distribution system and a sanitary sewerage system for New Orleans. In 1903, the Drainage Commission was merged with the Sewerage and Water Board in order to consolidate the drainage, water, and sewerage programs under one agency for more efficient operations. This combined organization retained the title Sewerage and Water Board, and remains as such today.

Once formally organized, the Sewerage & Water Board set out to fulfill its goals of providing the city with adequate drainage, safe drinking water, and wastewater collection and treatment. At that time, funds for construction came from either a special two-mill tax on all property or one-half of the surpluses from the one percent debt tax. Today, the Board gets funding in part from sources that include the three-, six-, and nine-mill property taxes. The Board holds committee and regular meetings once each month, to which the public is invited.

The Sewerage & Water Board is an eleven-member Board of Directors that consists of:

- The Mayor
- Two representatives of the Board of Liquidation, City Debt
- Eight citizen members, of which five represent council districts

Plus

- One at-large representative, and
- Two consumer advocates.

The mission of the Sewerage & Water Board is to provide safe drinking water to everyone in New Orleans; to remove waste water for safe return to the environment; to drain away storm water; to provide water for fire protection; to provide information about products and services; and to do all of this continuously at a reasonable cost to the community.

The Board now employs approximately 1,200 individuals, a team of expert managers, engineers, operators, machinists, laboratory chemists, technicians, environmental experts, pumping and power professionals, experienced pipe, valve and fire hydrant repair crews and administrative support personnel, all working together to maintain a system that strives to be best in class.

Hurricane Katrina

Hurricane Katrina represented the greatest challenge ever faced by the Sewerage & Water Board and the City of New Orleans. With 80% of the city flooded, thousands of New Orleanians lost their lives and their property. The impact of Hurricane Katrina to the Board's water, sewer, drainage and power generation systems was devastating. Over 300 Sewerage & Water Board employees manned their stations at board facilities throughout the city during Hurricane Katrina and during the catastrophic flooding that followed. These Sewerage & Water Board 'Katrina Heroes' literally risked their lives and their personal safety to salvage and repair vital Sewerage & Water Board facilities and equipment that made it possible to dewater the city in only 11 days after the levee breaches were repaired. In the 12 years since Hurricane Katrina, the Board's focus and goal has been "re-building the city's water systems for the 21st century".

Water System

The Sewerage & Water Board manages a complex water supply system stretching from the East Bank to the West Bank and featuring an intricate series of pipelines and treatment systems.

Two features of this system stand out. First, the drinking water provided is among the safest in the country. Second, the system for delivering that water leads the nation in infrastructure waterline replacement. The Mississippi River is New Orleans' only source of potable water. The river flows past New Orleans at an average rate of 300 billion gallons per day. Raw river water is brought into two treatment plants by four intakes. The intakes are protected from ships and barges by concrete barriers and wooden pilings. The water is then treated via a complex purification process at the Carrollton Water Purification Plant for East Bank customers and at the Algiers Water Treatment Plant for West Bank customers. On a typical day New Orleans and Algiers combined uses approximately 146 million gallons of water.

The Sewerage & Water Board utilizes a stringent, seven-step water purification process to ensure water safety. The water that leaves the East Bank and West Bank treatment plants is safe, high quality drinking water that is lead-free. As a municipal water utility, the S&WB is highly regulated by both the Environmental Protection Agency (EPA) and the Louisiana Department of Health & Hospitals (DHH). The Board has been vigilant and proactive in its water purification mandates and complies with all regulations. Samples in New Orleans have consistently been below EPA's action levels. In addition to quality and safety, we are proud that our water has also been judged the "Best Tasting" in competition with other water from cities throughout the United States. The Sewerage and Water Board will continue to produce high quality water through the use of proven treatment processes, as well as modern technology.

Carrollton Water Purification Plant

New Orleans is currently engaged in the most massive waterline replacement in the city's history. The Sewerage & Water Board of New Orleans is able to undertake this colossal endeavor because of FEMA and other funding secured post Hurricane Katrina. The S&WB is currently implementing a $188 million Waterline Replacement Program that is part of a larger citywide, multi-year infrastructure repair/recovery effort funded by FEMA. The S&WB is coordinating design activities with the Department of Public Works' (DPW) Recovery Roads Program. The water lines are being replaced concurrently with the Recovery Roads Program. FEMA worked with the S&WB and Department of Public Works to develop a systematic, cost effective approach to restore the water distribution system. Approximately 135 miles of water lines qualified for replacement citywide.

The 10-year Capital Improvement Plan totals $832,002,248 for capital improvements to the water system.

Water System

New Orleans * 135 MGD * 340,000+ citizens
Algiers * 11 MGD * 50,000+ citizens

Total average water usage
146 million gallons per day (MGD)
serving nearly 400,000 citizens

1,610 miles of pipes in system
2 Water Purification Centers
53 billion gallons water treated per year

100,000+ Service Connections
17,000 Fire hydrants

Sewerage System

The 10-year Capital Improvement Plan totals $497,656,000 for capital improvements to infrastructure, to complete projects from Katrina repairs, for ongoing road rehabilitation, to handle anticipated growth, to maintain compliance with regulatory requirements, and to bring our system into the 21st century.

Continuous maintenance and repairs have been carried out by the Board over the years, but the age of the system, and the soil, weather and other conditions unique to this area resulted in the need for an evaluation of the entire collection system. The first several phases of the evaluation have led to massive improvements and it is expected that future phases will reveal the need for millions of dollars worth of repair work in each area of the City.

The Sewer System Evaluation and Rehabilitation Program (SSERP), underway since 1996, is part of the EPA Consent Decree the Board signed in 1998. It focuses on the sanitary sewer portion of the sewerage system that collects wastewater from homes and businesses and transports it to the wastewater treatment plants.

SSERP is a ongoing effort to study and repair the system throughout the city. To best carry out the plan to study and rehabilitate the sewerage collection system area wide, the S&WB divided the city into 10 basins.

Sewerage System

Type: Gravity Collection System
1,450 miles (lateral & truck sewers)
Size range 8 inch to 7 ft in diameter

82 Pump Stations - 2 Treatment Plants

East Bank Sewerage Treatment Plant
122 million gallons per day (MGD)

West Bank Sewerage Treatment Plant
8 million gallons per day (MGD)

The first process in each basin is testing. The results are analyzed and construction is carried out to repair damaged manholes, pipes, trunk lines and pumping stations. Testing in each district includes flow monitoring, videotaping of lines, smoke tests and dye tests to locate breaks, clogs and broken joints. Pumping stations are being tested for efficiency and output.

Modern techniques for repairs are being used wherever possible to reduce the need for digging trenches in streets or sidewalks.

The Board has already tested in Lakeview, the CBD / French Quarter / Warehouse District, Gentilly, Uptown, Mid-City and the Lower Ninth Ward. Repairs were completed in Lakeview last year and are underway in the CBD/French Quarter/Warehouse District and Gentilly. Repairs will begin in Uptown and Mid-City next year.

Work on the sewerage treatment plants includes major repairs to the headworks at the East Bank Treatment Plant, along with replacement of the inflow channel. In Algiers, a complete expansion of the plant is underway to greatly improve its efficiency, and work has already been completed to double its capacity.

The Board is proud of its record with the EPA Consent Decree, as it has met every construction and reporting deadline outlined in the decree and had no fines relative to construction or reporting schedules.

The S&WB is coordinating its efforts with the City's Department of Public Works streets repair and replacement program to minimize inconveniences and to save money. Where possible, the S&WB is employing state-of-the-art trenchless methods of sewer repair, which allows repairs without the need to dig up streets and yards. SSERP is managed for the S&WB by Stantec (formerly MWH Global).

One modernization project on line now for six years is **SCADA (Supervisory Control and Data Acquisition)**, a sophisticated computer system that provides online monitoring of the 83 sewer lift stations and pumping stations located throughout the city. Each facility is monitored for pressure, electrical power, mechanical functions, flow and security.

Sewer Pumping Station A, located behind the Municipal Auditorium, houses the "heart and brain" of a state-of-the art $1.7 million monitoring system. Personnel on duty 24 hours a day at Station A monitor the functions at all stations and crew can be quickly dispatched to a location at the first indication of a malfunction.

Depending on the eventual total costs, funding for all the projects of SSERP will come from three sources: Federal funds via EPA Grants, S&WB matching funds, and other S&WB operations and maintenance funds. The Board will continue to work with the Mayor's Office, the City Council, the area's Congressional delegation and the White House to obtain additional funds for sewerage, but the Board must be able to provide local matching funds.

Drainage System

The Sewerage & Water Board's drainage system is the second largest in the world. New Orleans is like a saucer - levees that have been built to protect us from the Mississippi River and Lake Pontchartrain waters also retain all the rain water that falls within the city, making the city vulnerable to floods.

Drainage System

24 Pumping Stations
10 Underpass stations
1 Power Plant

Flow rate equal to 45,000 cubic ft per second
(more than the flow rate of the Ohio river)

90 miles of open canals
90 miles of subsurface canals

Our drainage system dates back to the turn of the century. In 1896, the New Orleans Drainage Commission was organized to carry out a master drainage plan that had been developed for the city. Three years later in 1899, the Sewerage and Water Board was authorized by the Louisiana Legislature to furnish, construct, operate, and maintain a water treatment and distribution system and a sanitary sewerage system for New Orleans. In 1903, the Drainage Commission was merged with the Sewerage and Water Board to consolidate drainage, water, and sewerage programs under one agency for more efficient operations. This combined organization retained the title Sewerage and Water Board, and remains as such today.

Because the river levees are higher than the lake levees, most rainwater is pumped into Lake Pontchartrain. The drainage system currently includes 24 drainage pump stations, 10 underpass pump stations, approximately 90 miles of open canals and 90 miles of subsurface canals. Generators that provide much of the power for pumps throughout the city are located at the S&WB power plant.

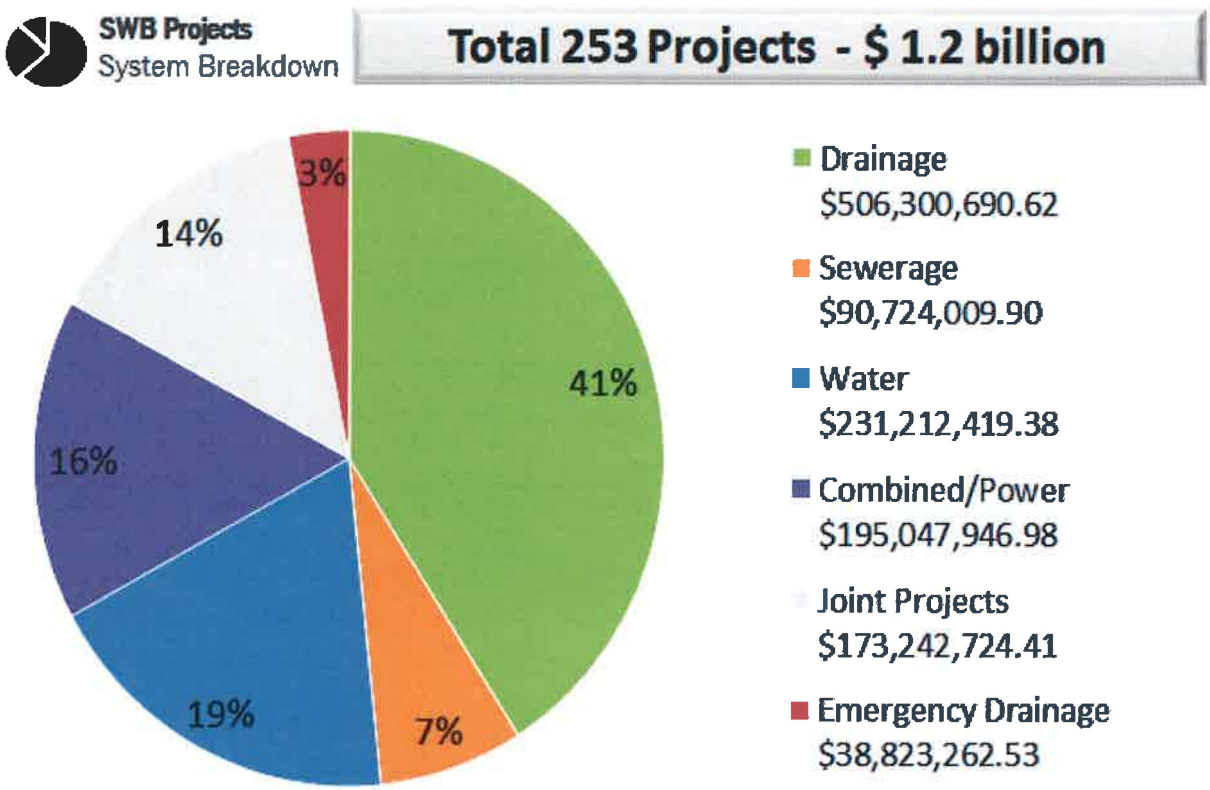
The 10-year Capital Improvement Plan totals $774,847,347 for capital improvements in the drainage system.

Joint Infrastructure Roads (JIR) Program

The RoadWork mapping application is a collaboration between the City of New Orleans' Department of Public Works and the Sewerage & Water Board of New Orleans. The goal in creating this mapping application is to inform citizens about past, current, and future road work projects that affect their daily lives. The map, which is updated monthly, contains information related to the Recovery Roads Program, DPW Bond and Capital projects, SELA, SSERP, and ESSA.

Current Capital Improvement Summary – November 2017

As of November 30, 2017, the Board currently has a portfolio of 253 active capital projects, in the following six classifications: Drainage, Sewerage, Water, Combination/Power, Joint, and Emergency Drainage projects. (For a complete list of current projects, see Appendix B.)



The Drainage classification includes projects for the Southeast Louisiana (SELA) Drainage Program that was initiated to reduce flood damage in New Orleans. This current phase of the program includes the construction of underground concrete canals beneath four major Uptown area thoroughfares and one major Desire area thoroughfare. The remaining Drainage system projects are new construction and restoration repairs to drainage lines, drainage pumping stations and underpass drainage pumping stations throughout Orleans Parish.

The Sewerage classification is comprised of projects that repair damaged manholes, sewer mains, pipes, trunk lines and the restoration of sewer pumping stations throughout Orleans Parishes' 10 basins.

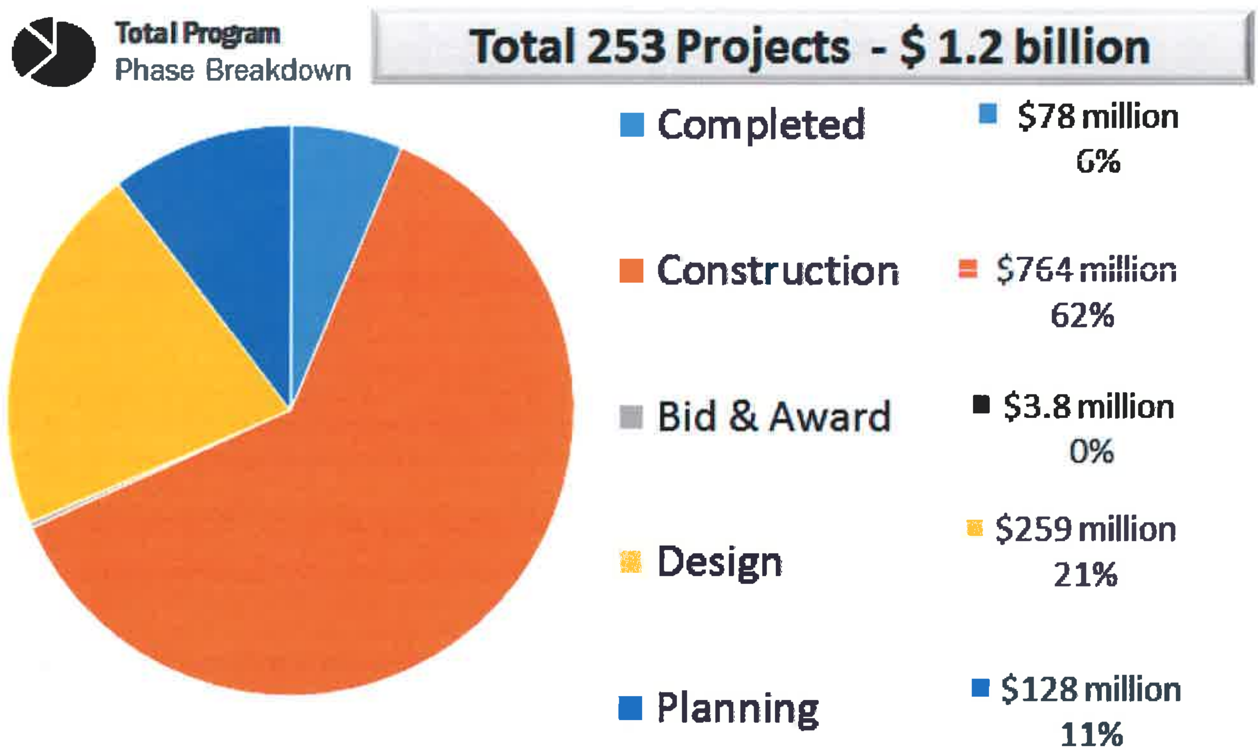
The Water classification is comprised of projects that restore or replace the facilities and equipment central to the production of clean water, including replacing damaged water lines to deliver clean water more efficiently to several Orleans Parish neighborhoods.

The Combined/Power classification includes the Retrofit of Power Plant and Raw Water Intake Hazard Mitigation Grant Program (HMGP). The Sewerage & Water Board of New Orleans relies on the power produced at the power plant for operation of the drainage, water, and sewerage systems. The HMGP projects plan to harden the power plant and power networks, allowing the Board to be able to produce power independently from local energy providers and operate during flood and high wind events.

The Joint Projects classification contains all projects being completed in collaboration with the City of New Orleans' Department of Public Works, including the Joint Infrastructure Recovery Program (JIR), a unique program designed to restore the underground utilities while the City is repairing numerous roads throughout Orleans Parish. Also included in this category are several Green Infrastructure projects designed to handle water run-off in an ecologically friendly manner.

The Emergency Drainage classification includes projects that were implemented in response to the flood events which occurred during the summer of 2017. These projects to restore the power generation system and repair several pumps at multiple drainage pumping stations were expedited on a 24/7 schedule to mitigate the possibility of additional flooding events during the 2017 hurricane season.

The following chart shows the current project phase for the 253 active projects, as of November 30, 2017.



Capital Improvement Program Plan 2018- 2027

The Sewerage & Water Board's Capital Improvement Program funds infrastructure improvements in four (4) systems:

- Water – Expenses for projects directly related to treatment and delivery of clean drinking water for the citizens of Orleans Parish
- Sewerage – Expenses for projects directly related to maintaining the sewerage system
- Drainage – Programs directly related to the drainage system
- Combo – Projects that include two or all three of the above systems, in any combination, including projects related to the power needs of the three primary systems

Capital Expense Categories

The expense budget is divided into eight (8) categories, as defined below:

- Power
    - ➢ Energy production costs related to providing power to all systems (i.e. power plant retrofit, turbines, feeders, etc.)
- Facilities
    - ➢ Building and grounds maintenance for all offices, plants and stations, includes any items permanently installed at those locations. (i.e. Water Treatment Plants, Central Yard, Sewer Pumping Stations, Drainage Pumping Stations)
- Equipment
    - ➢ Non-fixed, machinery and other devices (i.e. Security systems, meter infrastructure, heavy/light vehicle and equipment replacement)
- Normal Extensions
    - ➢ Water lines, mains, sewer lines, drain lines over 36"
- Southeast Louisiana (SELA) drainage program
    - ➢ Claims, forensic engineering, legal related activities
- Other
    - ➢ Force Account Labor and Land Acquisition)
- IT Software
- IT Hardware

Capital Revenue Sources

The Board has five (5) funding sources as follows:

- Bonds
- Operating Funds
- FEMA Public Assistance Grants (Hurricane Katrina)
- FEMA Hazard Mitigation Grants
- Other (Grants, developer costs, end users, wetlands, etc.)

FEMA Public Assistance Program (PA)

Public Assistance (PA) is FEMA's largest grant program providing funds to assist communities responding to and recovering from major disasters or emergencies declared by the President. The program provides emergency assistance to save lives and protect property, and assists with permanently restoring community infrastructure affected by a federally declared incident. [1]

The Sewerage & Water Board of New Orleans has a total of $803,921,093 obligated in Public Assistance Grants, due to damage from Hurricane Katrina. Of that amount, $409,286,805 has been received in revenue as of November 30, 2017. In 2018 the Board plans to spend approximately $54.6 million on FEMA public assistance projects.

FEMA Hazard Mitigation Grants Program (HMGP)

The purpose of HMGP is to help communities implement hazard mitigation measures following a Presidential Major Disaster Declaration in the areas of the state, tribe, or territory requested by the Governor or Tribal Executive. The key purpose of this grant program is to enact mitigation measures that reduce the risk of loss of life and property from future disasters. [2]

The Board has had a total of $111,498,419 obligated in Hazard Mitigation Grants, due to damage from Hurricane Katrina. Of that amount, $59,445,458 has been received in revenue, as of November 30, 2017. In 2018 the Board plans to spend approximately $51.5 million on FEMA hazard mitigation projects.

(For a detailed list of the Capital Improvement Program budget items, see Appendix A.)

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[1] (2017, June). *FEMA Fact Sheet.* Retrieved from https://www.fema.gov/media-library-data/1497559657642-a01f6ee60e25394fa9a25cae2fd289d5/PublicAssistanceFactSheetJune2017.pdf

[2] (2017, June 8). *Hazard Mitigation Grant Program overview.* Retrieved from https://www.fema.gov/hazard-mitigation-grant-program

Sewerage & Water Board of New Orleans

Capital Improvement Program Plan (2018 - 2027)

System	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Combo	**$ 114,959,750**	**$ 116,256,000**	**$ 133,853,750**	**$ 98,214,000**	**$ 70,446,250**	**$ 251,582,500**	**$ 28,782,250**	**$ 165,347,500**	**$ 42,297,250**	**$ 36,415,000**	**$ 1,058,154,250**
Equipment	$ 16,083,000	$ 25,118,000	$ 35,818,000	$ 32,168,000	$ 18,168,000	$ 13,168,000	$ 13,168,000	$ 13,168,000	$ 13,168,000	$ 13,168,000	$ 193,195,000
Facilities	$ 26,930,000	$ 44,829,500	$ 20,420,000	$ 4,140,000	$ 3,440,000	$ 3,460,000	$ 4,360,000	$ 3,380,000	$ 3,380,000	$ 2,400,000	$ 116,739,500
Hardware	$ 2,536,750	$ 628,500	$ 385,750	$ 676,000	$ 508,250	$ 624,500	$ 924,250	$ 469,500	$ 419,250	$ 517,000	$ 7,689,750
Other	$ -	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 78,570,000
Power	$ 65,550,000	$ 27,750,000	$ 63,000,000	$ 51,000,000	$ 39,000,000	$ 225,000,000	$ 1,000,000	$ 139,000,000	$ 16,000,000	$ 11,000,000	$ 638,300,000
Software	$ 3,860,000	$ 9,200,000	$ 5,500,000	$ 1,500,000	$ 600,000	$ 600,000	$ 600,000	$ 600,000	$ 600,000	$ 600,000	$ 23,660,000
Drainage	**$ 31,688,000**	**$ 78,858,000**	**$ 58,343,000**	**$ 53,708,000**	**$ 147,070,000**	**$ 88,180,000**	**$ 69,180,000**	**$ 111,473,753**	**$ 107,551,594**	**$ 28,795,000**	**$ 774,847,347**
Facilities	$ 17,338,000	$ 43,008,000	$ 39,343,000	$ 28,758,000	$ 59,270,000	$ 21,480,000	$ 4,880,000	$ 25,420,948	$ 40,779,909	$ 4,995,000	$ 285,272,857
Normal Extensions	$ 3,000,000	$ 3,000,000	$ 4,500,000	$ 7,500,000	$ 7,500,000	$ 7,500,000	$ 7,500,000	$ 7,500,000	$ 7,500,000	$ 7,500,000	$ 63,000,000
Other	$ 750,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,200,000
Power	$ 750,000	$ 1,250,000	$ 500,000	$ -	$ -	$ 500,000	$ 500,000	$ 22,252,805	$ 2,971,685	$ -	$ 28,724,490
SELA	$ 9,850,000	$ 31,450,000	$ 13,850,000	$ 17,300,000	$ 80,300,000	$ 58,700,000	$ 56,300,000	$ 56,300,000	$ 56,300,000	$ 16,300,000	$ 396,650,000
Sewerage	**$ 73,941,000**	**$ 66,580,000**	**$ 66,870,000**	**$ 71,138,000**	**$ 55,937,000**	**$ 35,400,000**	**$ 43,980,000**	**$ 28,945,000**	**$ 37,955,000**	**$ 16,910,000**	**$ 497,656,000**
Equipment	$ 950,000	$ 500,000	$ 555,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ 5,005,000
Facilities	$ 34,141,000	$ 25,130,000	$ 25,365,000	$ 29,188,000	$ 15,487,000	$ 5,450,000	$ 4,480,000	$ 5,445,000	$ 4,905,000	$ 2,860,000	$ 152,451,000
Normal Extensions	$ 37,800,000	$ 39,900,000	$ 40,100,000	$ 40,600,000	$ 39,300,000	$ 28,800,000	$ 38,300,000	$ 22,300,000	$ 31,800,000	$ 13,300,000	$ 332,200,000
Other	$ 1,050,000	$ 1,050,000	$ 850,000	$ 850,000	$ 650,000	$ 650,000	$ 700,000	$ 700,000	$ 750,000	$ 750,000	$ 8,000,000
Water	**$ 125,890,948**	**$ 82,959,800**	**$ 64,977,000**	**$ 55,240,000**	**$ 52,215,000**	**$ 52,518,000**	**$ 98,876,000**	**$ 105,392,000**	**$ 158,595,000**	**$ 35,338,500**	**$ 832,002,248**
Equipment	$ 4,708,000	$ 4,474,800	$ 4,502,000	$ 3,755,000	$ 4,030,000	$ 4,333,000	$ 4,666,000	$ 5,032,000	$ 5,435,000	$ 5,878,500	$ 46,814,300
Facilities	$ 46,780,000	$ 23,700,000	$ 29,440,000	$ 34,700,000	$ 30,500,000	$ 33,000,000	$ 76,975,000	$ 85,125,000	$ 137,875,000	$ 5,175,000	$ 503,270,000
Normal Extensions	$ 73,102,948	$ 54,085,000	$ 30,285,000	$ 16,035,000	$ 17,035,000	$ 14,535,000	$ 16,535,000	$ 14,535,000	$ 14,535,000	$ 23,535,000	$ 274,217,948
Other	$ 1,300,000	$ 700,000	$ 750,000	$ 750,000	$ 650,000	$ 650,000	$ 700,000	$ 700,000	$ 750,000	$ 750,000	$ 7,700,000
Grand Total	**$ 346,479,698**	**$ 344,653,800**	**$ 324,043,750**	**$ 278,300,000**	**$ 325,668,250**	**$ 427,680,500**	**$ 240,818,250**	**$ 411,158,253**	**$ 346,398,844**	**$ 117,458,500**	**$ 3,162,659,845**

Sewerage & Water Board of New Orleans

2018 Capital Budget Statement of Revenue

Funding Source	Water	Sewer	Drainage	Total
FEMA Public Assistance (PA)	$ 50,139,600.00	$ 3,639,600.00	$ 890,800.00	$ 54,670,000.00
FEMA Hazard Mitigation Grant Program (HMGP)	$ 19,817,000.00	$ 7,276,500.00	$ 24,406,500.00	$ 51,500,000.00
Other- Grants, Developer Costs, User Cost	$ 1,520,000.00	$ 390,000.00	$ 1,840,000.00	$ 3,750,000.00
Revenue Bond Issues	$ 93,147,125.50	$ 86,749,678.00	$ -	$ 179,896,803.50
Dedicated Drainage Source (TBD)	$ -	$ -	$ 56,662,894.50	$ 56,662,894.50
TOTAL	$ 164,623,725.50	$ 98,055,778.00	$ 83,800,194.50	$ 346,479,698.00

Sewerage & Water Board of New Orleans

2018 Capital Budget Funding by Category

Category	Water		Sewer		Drainage		Total
Power Projects	$ 4,365,000.00	SWB	$ 1,592,500.00	SWB	$ 7,292,500.00	SWB	$ 13,250,000.00
i.e. Power Plant Retrofit, Turbines, Feeders, etc.	$ 18,857,000.00	HMGP	$ 6,786,500.00	HMGP	$ 24,406,500.00	HMGP	$ 50,050,000.00
	$ 1,020,000.00	Other	$ 390,000.00	Other	$ 1,590,000.00	Other	$ 3,000,000.00
Total Power	$ 24,242,000.00		$ 8,769,000.00		$ 33,289,000.00		$ 66,300,000.00
Facilities Projects	$ 33,662,900.00	SWB	$ 37,498,900.00	SWB	$ 29,877,200.00	SWB	$ 101,039,000.00
i.e. Central Yard, Carrolton Water Plant,	$ 960,000.00	HMGP	$ 490,000.00	HMGP	$ -	HMGP	$ 1,450,000.00
Sewer Pumping Stations, Drainage Pumping Stations	$ 18,500,000.00	FEMA	$ 3,350,000.00	FEMA	$ 850,000.00	FEMA	$ 22,700,000.00
Total Facilities	$ 53,122,900.00		$ 41,338,900.00		$ 30,727,200.00		$ 125,189,000.00
Normal Extensions	$ 41,602,948.00	SWB	$ 37,550,000.00	SWB	$ 3,000,000.00	SWB	$ 82,152,948.00
Waterlines/Mains, Sewer Lines, Drain lines of 36'	$ 31,000,000.00	FEMA	$ 250,000.00	FEMA		FEMA	$ 31,250,000.00
	$ 500,000.00	Other		Other		Other	$ 500,000.00
Total Normal Extensions	$ 73,102,948.00		$ 37,800,000.00		$ 3,000,000.00		$ 113,902,948.00
Southeast Louisiana (SELA) Drainage Program					$ 9,600,000.00	SWB	$ 9,600,000.00
Claims, Forensic Engr., Legal related activities,					$ 250,000.00	Other	$ 250,000.00
Total SELA	$ -		$ -		$ 9,850,000.00		$ 9,850,000.00
Equipment: Security Systems, Meter Infrastructure	$ 10,705,350.00	SWB	$ 6,947,350.00	SWB	$ 3,968,300.00	SWB	$ 21,621,000.00
Heavy/Light Vehicle & Equipment Replacement	$ 39,600.00	FEMA	$ 39,600.00	FEMA	$ 40,800.00	FEMA	$ 120,000.00
Total Equipment	$ 10,744,950.00		$ 6,986,950.00		$ 4,009,100.00		$ 21,741,000.00
Software	$ 1,273,800.00	SWB	$ 1,273,800.00	SWB	$ 1,312,400.00	SWB	$ 3,860,000.00
Hardware	$ 837,127.50	SWB	$ 837,128.00	SWB	$ 862,494.50	SWB	$ 2,536,750.00
Other: Force Account Labor & Land Acquisition	$ 700,000.00	SWB	$ 1,050,000.00	SWB	$ 750,000.00	SWB	$ 2,500,000.00
	$ 600,000.00	FEMA		FEMA		FEMA	$ 600,000.00
Total Other	$ 1,300,000.00		$ 1,050,000.00		$ 750,000.00		$ 3,100,000.00
GRAND TOTAL BY CATEGORY	**$ 164,623,725.50**		**$ 98,055,778.00**		**$ 83,800,194.50**		**$ 346,479,698.00**

Sewerage & Water Board of New Orleans
Capital Improvement Program Budget (2018 - 2027)

LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CP#	LOCATION	FUND SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
1	Combo	Facilities	Installation of security cameras and access cards	808-01	Citywide	SWB	$ 400,000	$ 400,000	$ 400,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,900,000
2	Combo	Facilities	Central Yard: Install security system, including cameras in warehouse, replace card access, etc.	807-15	Citywide	SWB	$ 200,000	$ 200,000	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 600,000
3	Combo	Equipment	Automated Meter Infrastructure	825	Citywide	SWB	$ 2,000,000	$ 2,000,000	$ 13,000,000	$ 13,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 30,000,000
4	Combo	Equipment	Grounds Maintenance: Posthole driver, iron wheel for curve edges	843-06	Citywide	SWB	$ 150,000	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 300,000
5	Combo	Equipment	Vehicle replacement (small and medium trucks, cars, etc.)	843-01	Citywide	SWB	$ 2,500,000	$ 5,000,000	$ 5,000,000	$ 2,000,000	$ 2,000,000	$ -	$ -	$ -	$ -	$ -	$ 16,500,000
6	Combo	Equipment	Purchase of New Diagnostic Equipment	810-05	Citywide	SWB	$ 150,000	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 300,000
7	Combo	Equipment	Garage I Replacement of 2 hydraulic lifts	810-06	Garage 1	FEMA	$ 60,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 60,000
8	Combo	Equipment	Heavy construction equipment replacement such as excavators, backhoes, cranes, front end loaders, etc.	810-02	Citywide	SWB	$ 4,000,000	$ 8,000,000	$ 8,000,000	$ 8,000,000	$ 8,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 61,000,000
9	Combo	Equipment	Garage II Replacement of 2 heavy equipment lift for wheel alignment, front end rack	810-07	Garage II	FEMA	$ 60,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 60,000
10	Combo	Equipment	Vehicle replacement (large trucks, cranes, etc.)	810-01	Citywide	SWB	$ 3,000,000	$ 6,000,000	$ 6,000,000	$ 6,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 51,000,000
11	Combo	Equipment	Equipment for Michoud Dumping Site	810	Citywide	SWB	$ 300,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 300,000
12	Combo	Equipment	Security Hardware and Software	NEW	Citywide	SWB	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 10,000,000
13	Combo	Equipment	Installation and upgrading of fire alarms	NEW	Citywide	SWB	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000
14	Combo	Facilities	Stairwell Chairs	NEW	Citywide	SWB	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ 500,000
15	Combo	Facilities	Lighting	NEW	Citywide	SWB	$ 1,000,000	$ 1,000,000	$ 500,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 4,250,000
16	Combo	Facilities	Fencing	NEW	Citywide	SWB	$ 1,000,000	$ 1,000,000	$ 500,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 4,250,000
17	Combo	Equipment	Emergency Radio Equipment	NEW	Citywide	SWB	$ 100,000	$ 100,000	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 300,000
18	Combo	Equipment	Guard Booths	NEW	Citywide	SWB	$ 95,000	$ 50,000	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 195,000
19	Combo	Facilities	Installation and upgrading of burglar alarms	NEW	Citywide	SWB	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000
20	Combo	Facilities	Central Yard: Body Shop and Garage renovation	807-21	Central Yard	SWB	$ 1,680,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,680,000
21	Combo	Facilities	Central Yard: Fuel Island -Provide for installation of canopy and lights	807-17	Central Yard	SWB	$ -	$ 49,500	$ -	$ -	$ -	$ -	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ -	$ 3,049,500
22	Combo	Facilities	Central Yard: Fuel Island -Upgrade or replace fuel island	807-18	Central Yard	SWB	$ -	$ -	$ -	$ -	$ -	$ 1,000,000	$ -	$ -	$ -	$ -	$ 1,000,000
23	Combo	Facilities	Central Yard: Renovation of old warehouse	807-13	Central Yard	SWB	$ -	$ -	$ -	$ -	$ -	$ 100,000	$ 1,000,000	$ -	$ -	$ -	$ 1,100,000
24	Combo	Facilities	Central Yard - Replace existing fuel access system.	812-02	Central Yard	SWB	$ 330,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 330,000
25	Combo	Equipment	Furnishing brass water service fittings, meter, boxes, and meter box parts	824-00	Central Yard	SWB	$ 2,168,000	$ 2,168,000	$ 2,168,000	$ 2,168,000	$ 2,168,000	$ 2,168,000	$ 2,168,000	$ 2,168,000	$ 2,168,000	$ 2,168,000	$ 21,680,000
26	Combo	Facilities	Repaving of parking lot	807-22	ntral Yard/St. Jo	SWB	$ -	$ -	$ -	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000
27	Combo	Facilities	Replace window seals at St. Joe's	807-07	St. Joe's	SWB	$ 20,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,000
28	Combo	Facilities	Replace chain link fence @ Central Yard	807-12	Central Yard	SWB	$ -	$ -	$ -	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000
29	Combo	Facilities	Replace plumbing in 18 restrooms	807-04	St. Joe's	SWB	$ 20,000	$ 20,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 40,000

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LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CP#	LOCATION	FUND SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
30	Combo	Facilities	Replacement of switchgear for generator hook-up	807-02	St. Joe's	SWB	$ 1,980,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,980,000
31	Combo	Facilities	NSA			SWB	$ 750,000	$ 6,250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,000,000
32	Combo	Facilities	Renovations to CWP		CWP	SWB	$ 4,000,000	$ 4,740,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,740,000
33	Combo	Facilities	Relocation Customer Service Functions (3)		Citywide	SWB	$ -	$ 6,000,000	$ 6,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 12,000,000
34	Combo	Facilities	Oak Street Pump Station Retrofit Contract 1368 construction and engineering services. Project funded under System Funds due to funding cap	676-06	CWP	HMGP	$ 1,200,000	$ 1,200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,400,000
35	Combo	Facilities	Property acquisition associated with construction of new facilities	803-01	Citywide	SWB	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,000,000
36	Combo	Facilities	Replace or install new water meters	823-00	Citywide	SWB	$ 1,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 14,000,000
37	Combo	Facilities	Design and construction of new west bank yard, include land acquisition	843-41	Algiers	SWB	$ -	$ 450,000	$ 4,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,950,000
38	Combo	Facilities	Rehabilitate the exsitng Head House Facility into an Emergency Operation Center designed to FEMA Safe House Standards. Engineering and		CWP	SWB	$ 1,500,000	$ 20,000,000	$ 2,000,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 24,000,000
39	Combo	Facilities	Design and construction of new Westbank maintenance facility	843-01	CWP	SWB	$ 50,000	$ 200,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,250,000
40	Combo	Hardware	Disaster Recovery / Business Continuity	H0-959-XXX	Citywide	SWB	$ 875,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 875,000
41	Combo	Hardware	Servers, Storage, etc.	H0782, 908	Citywide	SWB	$ 325,000	$ 72,500	$ 72,500	$ 72,500	$ 72,500	$ 72,500	$ 72,500	$ 72,500	$ 72,500	$ 72,500	$ 977,500
42	Combo	Hardware	Network Infrastructure	H0760, 778	Citywide	SWB	$ 401,000	$ 65,000	$ 67,500	$ 67,500	$ 140,000	$ 60,000	$ 210,000	$ 60,000	$ 60,000	$ 67,500	$ 1,198,500
43	Combo	Hardware	Voice Over IP Telephone Upgrade	H0921XXX	Citywide	SWB	$ 25,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 25,000
44	Combo	Hardware	Mobile Workforce	H0955	d wide-mostly C	SWB	$ 75,000	$ 25,000	$ 10,000	$ 10,000	$ 10,000	$ 50,000	$ 50,000	$ 10,000	$ 10,000	$ 10,000	$ 260,000
45	Combo	Hardware	PC's and peripherals	H0714, 747,940	Citywide	SWB	$ 460,750	$ 316,000	$ 235,750	$ 376,000	$ 285,750	$ 242,000	$ 381,750	$ 267,000	$ 216,750	$ 367,000	$ 3,148,750
46	Combo	Hardware	Security Related	H0771, 783	Citywide	SWB	$ 200,000	$ 150,000	$ -	$ -	$ -	$ 200,000	$ 150,000	$ -	$ -	$ -	$ 700,000
47	Combo	Hardware	Audio Visual Projects	H0965-888	Citywide	SWB	$ 100,000	$ -	$ -	$ 150,000	$ -	$ -	$ 60,000	$ 60,000	$ 60,000	$ -	$ 430,000
48	Combo	Hardware	3 D Printer		CWP/Fac Mnt.	SWB	$ 75,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,000
49	Drainage	Facilities	Green Infrastructurel Project TBD	879	TBD	SWB	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
50	Drainage	Facilities	Green Infrastructurel Project TBD	879	TBD	SWB	$ -	$ 550,000	$ 550,000	$ 600,000	$ 600,000	$ 650,000	$ 650,000	$ 700,000	$ 700,000	$ 750,000	$ 5,750,000
51	Combo	Facilities	Sampling Project	881	TBD	SWB	$ 200,000	$ 220,000	$ 220,000	$ 240,000	$ 240,000	$ 260,000	$ 260,000	$ 280,000	$ 280,000	$ 300,000	$ 2,500,000
52	Combo	Other	Capital Budget Overhead	820	Citywide	SWB	$ -	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 8,730,000	$ 78,570,000
53	Combo	Power	Modifications to the Power Generating System - CWP	676-01	A	HMGP	$ 45,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 45,000,000
54	Combo	Power	Contingency Costs - Contract 6249 Feeder Replacement Project	676-02	Citywide	HMGP	$ 1,050,000	$ 700,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,750,000
55	Combo	Power	Contingency Costs - Contract 6249 Feeder Replacement Project	676-02	Citywide	SWB	$ 450,000	$ 300,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 750,000

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LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CP#	LOCATION	FUND SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
56	Combo	Power	Refurbishment of Gas turbine Gen No 5	676-03	A	SWB	$ 3,000,000	$ 8,500,000	$ 12,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 24,000,000
57	Combo	Power	Refurbishment of Steam Turbine Gen No 3	676-04	A	SWB	$ 2,000,000	$ 1,000,000	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,000,000
58	Combo	Power	Refurbishment of Steam Turbine Gen No 1	676-05	A	SWB	$ 1,500,000	$ 1,000,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,000,000
59	Combo	Power	Program Management/Construction Management Fees	676-06	A	HMGP	$ 4,000,000	$ 4,000,000	$ 3,000,000	$ 2,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 13,000,000
60	Combo	Power	Entergy 60 MW 60 Hz Substation	676	Citywide	SWB	$ -	$ -	$ -	$ 43,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 43,000,000
61	Combo	Power	CWP 60 - 25 hz Conversion via M/G	676	Citywide	SWB	$ -	$ -	$ -	$ -	$ 33,000,000	$ -	$ -	$ -	$ -	$ -	$ 33,000,000
62	Combo	Power	System Wide Feeder Upgrades	676	Citywide	SWB	$ -	$ -	$ -	$ -	$ -	$ 222,000,000	$ -	$ -	$ -	$ -	$ 222,000,000
63	Combo	Power	CWP Potable Wtr Pump Conversion	676	Citywide	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000	$ -	$ -	$ -	$ 1,000,000
64	Combo	Power	Local Generation	676	Citywide	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 139,000,000	$ -	$ -	$ 139,000,000
65	Combo	Power	Pump Station Electrical Upgrades	676	Citywide	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 16,000,000	$ -	$ 16,000,000
66	Combo	Power	Partial Completion of Steam Upgrade (5-10 year life)	676	Citywide	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 11,000,000	$ 11,000,000
67	Combo	Power	Replacement of Electrical Feeders	610-01	Citywide	SWB	$ 4,000,000	$ 4,000,000	$ 6,000,000	$ 6,000,000	$ 6,000,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ 29,000,000
68	Combo	Power	Construction of new CWP West Substation	610-02	A	Other	$ 3,000,000	$ 5,000,000	$ 40,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 48,000,000
69	Combo	Software	Disaster Recovery /Business Continuity	843	Citywide	SWB	$ 350,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 350,000
70	Combo	Software	CassWorks Software Replacement	843	Citywide	SWB		$ 3,600,000	$ 4,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,600,000
71	Combo	Software	New Development-IT contractors	H0938	Citywide	SWB	$ 1,100,000	$ -	$ 900,000	$ 900,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,900,000
72	Combo	Software	GP Financial Implementation	843	Citywide	SWB	$ -	$ 3,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,500,000
73	Combo	Software	Laboratory Information System (LIMS)	843	Citywide	SWB	$ 1,100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,100,000
74	Combo	Software	SCADA Projects	843	Citywide	SWB	$ 1,000,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,900,000
75	Combo	Software	Document Control System for GP Enterprise System	843	Citywide	SWB	$ 110,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 110,000
76	Combo	Power	New Water Treatment System for Boiler Room		CWP	SWB	$ 300,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,300,000
77	Combo	Power	Cleaning and insulation of frequency changers at AWP		CWP	SWB	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
78	Combo	Power	Repair & refurbishment of various overhead cranes at CWP		CWP	SWB	$ 1,000,000	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,250,000
79	Combo	Software	Security Related	H0771, 783	Citywide	SWB	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
80	Combo	Software	Cyndrus Fleet Management System Replacement		Citywide	SWB	$ -	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
81	Combo	Software	Program Development, Document Scanning, and Records Management	843-48	Citywide	SWB		$ 1,000,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,000,000
82	Combo	Facilities	DPS 17/Station D Structural Rehabilitation (85%D, 15%S)	511-00	D	SWB	$ 9,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,500,000
83	Combo	Facilities	DPS 17/Station D Structural Rehabilitation (85%D, 15%S)	511-00	D	FEMA	$ 1,000,000										$ 1,000,000
84	Drainage	Facilities	Replacement of Drainage Pumping Station #7 Discharge Bells. Pump C pump repairs, discharge tubes A,C,D	NEW	DPS 7	SWB	$ 1,000,000	$ 10,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 11,000,000
85	Drainage	Facilities	Repair of I Pump at DPS #6	NEW	DPS 6	SWB	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000

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LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CP#	LOCATION	FUND SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
86	Drainage	Facilities	DPS #6 Trash Rake repair/replacement	NEW	DPS 6	SWB	$ -	$ -	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
87	Drainage	Facilities	DPS #6 Crane replacement	NEW	DPS 6	SWB	$ -	$ -	$ -	$ 4,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,000,000
88	Drainage	Facilities	DPS Assessment, repairs and or replacement to suction basin canal; screen cleaners & pumps 1 & 2 Vacuum header & 60 cycle vac pump. Anti Siphon Flow	511-02	DPS4	SWB	$ 1,450,000	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,450,000
89	Drainage	Facilities	DPS 3 Repairs to bypass & Lake gates, repairs to discharge tubes 1,2,& 3	511-04	DPS3	SWB	$ -	$ 400,000	$ 6,600,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,000,000
90	Drainage	Facilities	DPS7 Purchase & installation of three 240 CFS vertical pumps in the existing pump pits	511-05	DPS7	SWB	$ -	$ -	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ -	$ -	$ -	$ -	$ -	$ 6,000,000
91	Drainage	Facilities	DPS 2 - Repairs to discharge tubes	511-07	DPS2	SWB	$ 500,000	$ 4,600,000	$ -	$ -	$ 400,000	$ 6,600,000	$ -	$ -	$ -	$ -	$ 12,100,000
92	Drainage	Facilities	DPS 5 Repairs to discharge containment wall (A&B Pumps)	511-08	DPS5	SWB	$ 500,000	$ 4,600,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,100,000
93	Drainage	Facilities	Grant DPS - Replacement of the four outside pumping units	511-09	GRANT DPS	SWB	$ 220,000	$ 220,000	$ 220,000	$ 220,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 880,000
94	Drainage	Facilities	Amid DPS 20 Contract 5233 Repair to discharge pipes	511-11	DPS20	SWB	$ 200,000	$ 2,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,200,000
95	Drainage	Facilities	DPS 5 Install new cleaner on west side of Florida Ave Canal & Jourdan Ave	511-12	DPS5	SWB	$ -	$ -	$ -	$ 600,000	$ 9,400,000	$ -	$ -	$ -	$ -	$ -	$ 10,000,000
96	Drainage	Facilities	DPS/16 St. Charles - Purchase and install new screens and screen cleaners	511-14	DPS16	SWB	$ -	$ -	$ -	$ 9,000,000	$ 8,600,000	$ -	$ -	$ -	$ -	$ -	$ 17,600,000
97	Drainage	Facilities	Emergency repairs, engineering, inspections and testing svcs.	511-16	Citywide	SWB	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 10,000,000
98	Drainage	Facilities	DPS 3 Replacement / refurbishment of four constant duty pump (50cfs)	511-17	DPS3	SWB	$ 440,000	$ 440,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 880,000
99	Drainage	Facilities	Misc. repairs to DPS (restrooms, HVAC, doors, roofs, piping, etc.) including post Corp stormproofing work	511-19	CITYWIDE	SWB	$ 500,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 9,500,000
100	Drainage	Facilities	Amid DPS 20 Repair to pumping unit No. 1	511-21	DPS20	SWB	$ -	$ 2,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,000,000
101	Drainage	Facilities	DPS2 Replacement/refurbishing of Constant Duty Pumps No. 2 & 3 (50cfs)	511-22	DPS2	SWB	$ 440,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 440,000
102	Drainage	Facilities	DPS2 Enclose generator platform& refurbishment of storage facility on Lafitte Corridor	511-23	DPS2	SWB	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
103	Drainage	Facilities	DPS 11 Replacement of the four existing screen cleaners	511-27	DPS11	SWB	$ -	$ 400,000	$ 6,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,400,000
104	Drainage	Facilities	DPS 14 Investigate and repair automation problems	511-28	DPS14	SWB	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000
105	Drainage	Facilities	DPS18 Grant, Monticello, & Prichard Storm Proofing	511-30	Various	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,135,948	$ 689,909	$ -	$ 3,825,857
106	Drainage	Facilities	DPS 19 Assessment and repairs to roof	511-31	DPS19	SWB	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
107	Drainage	Facilities	Forensics structural engineering services for analysis	511-32	Citywide	SWB	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 600,000
108	Drainage	Facilities	Repairs to New Carrollton Underpass Pumping Station	511-34	ew Carrollton UP	SWB	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
109	Drainage	Facilities	Repairs to Broad Street Underpass Pumping Station	511-35	Broad UPS	SWB	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
110	Drainage	Facilities	Repairs to Paris Underpass Pumping Station	511-36	Paris UPS	SWB	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
111	Drainage	Facilities	Repairs to Hospital Underpass Pumping Station	511-37	Hospital St UPS	SWB	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000

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LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CP#	LOCATION	FUND SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
112	Drainage	Facilities	Repairs to Press Underpass Pumping Station	511-38	Press Dr UPS	SWB	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
113	Drainage	Facilities	Repairs to Marconi Underpass Pumping Station	511-39	Marconi UPS	SWB	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
114	Drainage	Facilities	DPS11 & 16 Storm proofing	511-40	DPS11 & DPS16	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 600,000	$ 7,000,000	$ -	$ 7,600,000
115	Drainage	Facilities	Switchgear and motor inspection and cleaning	511-41	Citywide	SWB	$ 150,000	$ 160,000	$ 160,000	$ 165,000	$ 165,000	$ 170,000	$ 170,000	$ 175,000	$ 175,000	$ 180,000	$ 1,670,000
116	Drainage	Facilities	Purchase of spare parts (PC) for generators at various sites	511-42	Citywide	SWB	$ 50,000	$ 50,000	$ 55,000	$ 55,000	$ 55,000	$ 60,000	$ 60,000	$ 60,000	$ 65,000	$ 65,000	$ 575,000
117	Drainage	Facilities	NO East DPS (14,15,16,18,20,Elaine, Grant, Dwyer) - Rehab of facility alarm system	511-44	Citywide	SWB	$ 100,000	$ 100,000	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 300,000
118	Drainage	Facilities	Install wells to provide redundant water sources at DPS15	511-45		SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,250,000	$ 1,650,000	$ -	$ 9,900,000
119	Drainage	Facilities	Inspection of suction tubes at various DPS	511-50	Citywide	SWB	$ 100,000	$ 100,000	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 300,000
120	Drainage	Facilities	DPS15 - Upgrade pumping capacity & renovation of existing facility	512-01	DPS15	SWB	$ -	$ 1,200,000	$ 14,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 15,700,000
121	Drainage	Facilities	Various DPS Improvements	535-02	DPS6	SWB	$ 144,000	$ 144,000	$ 824,000	$ 824,000	$ -	$ -	$ -	$ 8,500,000	$ 26,500,000	$ -	$ 36,936,000
122	Drainage	Facilities	DPS Various repairs outside pumps & motors	535-03	CITYWIDE	SWB	$ 144,000	$ 144,000	$ 144,000	$ 144,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 576,000
123	Drainage	Facilities	DPS 13 Increase the capacity with new 1100 cfs vertical pumps	573-02	DPS13	SWB	$ -	$ -	$ -	$ 1,000,000	$ 33,050,000	$ -	$ -	$ -	$ -	$ -	$ 34,050,000
124	Drainage	Facilities	DPS13 Repairs & modifications to equipment (screen cleaners, discharge pipes, anti reverse mechanism for constant duty pumps	573-02	DPS13	SWB	$ -	$ -	$ 440,000	$ 6,000,000	$ 1,000,000	$ 10,000,000	$ -	$ -	$ -	$ -	$ 17,440,000
125	Drainage	Facilities	Install new generators at various underpass drainage pumping	575-02	CITYWIDE	SWB	$ 3,000,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,000,000
126	Drainage	Facilities	Various DPS Improvements	511-01	Citywide	SWB	$ 2,500,000	$ 6,500,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 25,000,000
127	Drainage	Facilities	Conversion of 25Hz CD Pumps to 60Hz at DPS's	610-03	Citywide	SWB	$ 750,000	$ 3,250,000	$ 2,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,500,000
128	Drainage	Normal Extensions	Normal Extension and Replacements drain lines 36" and greater via DPW Paving Projects and SWB Projects	439-00	Citywide	SWB	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 25,000,000
129	Drainage	Normal Extensions	Assessment, Design and Replacement of large drainage canals		Citywide	SWB	$ 500,000	$ 500,000	$ 2,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 38,000,000
130	Drainage	Other	Labor for Maintenance Services	575-01	Citywide	SWB	$ 600,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 600,000
131	Drainage	Other	Consulting firm to perform title research, environmental assessment, real estate reports, etc. associated with acquiring various properties for ongoing SWBNO facility projects.	803-02	Citywide	SWB	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 600,000
132	Drainage	Power	DPS 10 Generator and Storm proofing	511-25	DPS10	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,252,805	$ 1,771,685	$ -	$ 12,024,490
133	Drainage	Power	DPS 11 Site work to fill cavity under the entire station, convert A & B pump at DPS 11 to 60hz & replace generator	511-26	DPS11	SWB	$ 750,000	$ 1,250,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,500,000
134	Drainage	Power	DPS 17 New diesel engine generator & building to run pumps & the frequency changers in case of power failure	511-29	DPS17	SWB	$ -	$ -	$ -	$ -	$ -	$ 500,000	$ 500,000	$ 12,000,000	$ 1,200,000	$ -	$ 14,200,000

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LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CIP#	LOCATION	FUNDS SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
135	Drainage	SELA	Contingency fund related to potential legal claims on Dwyer Road Canal	498-00	E	SWB	$ 150,000	$ 50,000	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
136	Drainage	SELA	Enlargement of existing Monticello Canal at Airline Dr	483-00	A	SWB	$ 50,000	$ 150,000	$ 1,500,000	$ 1,000,000	$ 24,000,000	$ 2,400,000	$ -	$ -	$ -	$ -	$ 29,100,000
137	Drainage	SELA	Contingency fund related to potential legal claims on Louisiana Ave Canal	466-04	B	SWB	$ 1,500,000	$ 1,000,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,000,000
138	Drainage	SELA	Engineering Fees - S Claiborne Ave Phase II	478-02	A	SWB	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000
139	Drainage	SELA	Contingency fund related to potential legal claims on S. Claiborne Ave Phase II	478-03	A	SWB	$ 250,000	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 400,000
140	Drainage	SELA	Engineering Fees - S Claiborne Ave Phase I	478-01	A	SWB	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000
141	Drainage	SELA	Contingency fund related to potential legal claims on S. Claiborne Ave Phase I	478-04	A	SWB	$ 250,000	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 400,000
142	Drainage	SELA	Engineering Fees - Jefferson Ave Phase I	499-01	B	SWB	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 150,000
143	Drainage	SELA	Contingency fund related to potential legal claims on Jefferson Ave Phase I	499-02	B	SWB	$ 3,000,000	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,500,000
144	Drainage	SELA	Engineering Fees - Jefferson Ave Phase II	499-03	B	SWB	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000
145	Drainage	SELA	Contingency fund related to potential legal claims on Jefferson Ave Phase II	499-04	B	SWB	$ 3,000,000	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,500,000
146	Drainage	SELA	Engineering Fees - Napoleon Ave Phase II	486-01	B	SWB	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000
147	Drainage	SELA	Contingency fund related to potential legal claims on Napoleon Ave Phase II	486-02	B	SWB	$ 500,000	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 750,000
148	Drainage	SELA	Engineering Fees - Napoleon Ave Phase III	486-03	B	SWB	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000
149	Drainage	SELA	Contingency fund related to potential legal claims on Napoleon Ave Phase III	486-04	B	SWB	$ 500,000	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 750,000
150	Drainage	SELA	General DeGaulle Canal Improvements	496-01	C	Other	$ 200,000	$ 26,250,000	$ 2,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 28,950,000
151	Drainage	SELA	SEAL Algiers Drainage Improvements	492-00	C	Other	$ 50,000	$ 200,000	$ 5,000,000	$ 5,000,000	$ 45,000,000	$ 45,000,000	$ 45,000,000	$ 45,000,000	$ 45,000,000	$ 5,000,000	$ 240,250,000
152	Drainage	SELA	SEAL Projects Estimated 30-Year Payback	471	Citywide	SWB	$ -	$ -	$ 4,300,000	$ 11,300,000	$ 11,300,000	$ 11,300,000	$ 11,300,000	$ 11,300,000	$ 11,300,000	$ 11,300,000	$ 83,400,000
153	Sewerage	Facilities	Replacement of Sewage Pumping Station 8	375	2550 Lafitte Ave	HMGP	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 250,000
154	Sewerage	Facilities	Installation of Emergency Discharge Connections at Algiers Sewer Pumping Stations	319-01	Algiers	SWB	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000
155	Sewerage	Facilities	Replacement of Sewage Pumping Station 1		7336 Cohn St	SWB	$ 1,000,000	$ 8,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,000,000
156	Sewerage	Facilities	Replacement of Sewage Pumping Station 14		4000 Clara St.	SWB	$ -	$ -	$ 1,000,000	$ 8,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,000,000
157	Sewerage	Facilities	Misc. Repairs at Various Sewage Pumping Stations	326	City-wide	SWB	$ 5,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 5,000,000
158	Sewerage	Equipment	Plant rolling equipment - vacuum truck	348-21	EBSTP	SWB	$ 450,000	$ -	$ 55,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 505,000
159	Sewerage	Equipment	CCTV of sewer FM	313-02	Citywide	SWB	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ -	$ 4,500,000
160	Sewerage	Facilities	Capacity analysis and evaluation EBSTP	358-00	Citywide	SWB	$ -	$ 20,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,000
161	Sewerage	Facilities	SPS9,16, AND 23 eletrical repairs to below grade equipment (3783) Sewer Catch all	326-02	Citywide	SWB	$ 3,200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,200,000
162	Sewerage	Facilities	SPSA replace switchgear & repair of 4-60HZ & 2-25HZ motors pumping units	326-03	SPSA	SWB	$ 1,000,000	$ 500,000	$ 1,000,000	$ 500,000	$ 1,000,000	$ -	$ 500,000	$ 500,000	$ 500,000	$ -	$ 5,500,000

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LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CIP	LOCATION	FUND SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
163	Sewerage	Facilities	Misc repairs to SPS	326-04	Citywide	SWB	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 10,000,000
164	Sewerage	Facilities	Park Timbers SPS - elevate electrical switchgear	326-09	Park Timbers SPS	SWB	$ -	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
165	Sewerage	Facilities	Update of SCADA system SPS	326-10	Citywide	SWB	$ 1,000,000	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,000,000
166	Sewerage	Facilities	Garden Oaks SPS - elevate electrical switchgear	326-11	Garden Oaks SPS	SWB	$ -	$ -	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
167	Sewerage	Facilities	SPS21 Repair to wiring of high level unit	326-13	SPS21	SWB	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000
168	Sewerage	Facilities	Huntlee SPS - station rehab	326-14	Huntlee SPS	SWB	$ -	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
169	Sewerage	Facilities	Horace SPS - station rehab	326-15	Horace SPS	SWB	$ -	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
170	Sewerage	Facilities	Holiday SPS - station rehab	326-16	Holiday SPS	SWB	$ -	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
171	Sewerage	Facilities	Rehab of Bio Reactor Trains #1-4 @ East Bank Sewer Treatment Plant (EBSTP)	348-02	EBSTP	SWB	$ 1,500,000	$ 1,500,000	$ 2,900,000	$ 2,900,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,800,000
172	Sewerage	Facilities	Improvement and maintenance of VSA	348-03	EBSTP	SWB	$ 1,150,000	$ 120,000	$ 500,000	$ 120,000	$ 570,000	$ 120,000	$ 570,000	$ 500,000	$ 300,000	$ 300,000	$ 4,250,000
173	Sewerage	Facilities	Electrical System Improvements & Upgrades at EBSTP (Phase I, II, & III)	348-04	EBSTP	SWB	$ 2,000,000	$ 1,200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,200,000
174	Sewerage	Facilities	Replace Utility water pumps and strainers	348-05	EBSTP	SWB	$ -	$ 275,000	$ -	$ -	$ -	$ -	$ -	$ 275,000	$ -	$ -	$ 550,000
175	Sewerage	Facilities	Improvements to EBSTP headworks - Repair bar screen automation.influent channel cleaning	348-06	EBSTP	SWB	$ 1,115,000	$ -	$ 450,000	$ -	$ 680,000	$ -	$ 500,000	$ -	$ -	$ -	$ 2,745,000
176	Sewerage	Facilities	Improvements to EBSTP return activated sludge incl install underground RAS pipe &VFD for RAS	348-07	EBSTP	SWB	$ 650,000	$ 440,000	$ 2,100,000	$ 250,000	$ 250,000	$ 250,000	$ 100,000	$ 250,000	$ 100,000	$ 100,000	$ 4,490,000
177	Sewerage	Facilities	Improvements to WAS thickening-convert sludge thickener back to	348-08	EBSTP	SWB	$ -	$ -	$ 535,000	$ 4,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 4,535,000
178	Sewerage	Facilities	Improvements to EBSTP Influent lines & channels	348-09	EBSTP	SWB	$ 350,000	$ 200,000	$ -	$ -	$ -	$ 600,000	$ 210,000	$ -	$ -	$ -	$ 1,360,000
179	Sewerage	Facilities	Improvements to sludge handling at EBSTP incl sludge dryer purchase & install, ash pit rehab, & belt press replacement	348-10	EBSTP	SWB	$ 3,580,000	$ 317,000	$ 1,320,000	$ 170,000	$ 650,000	$ -	$ -	$ 75,000	$ 1,475,000	$ -	$ 7,587,000
180	Sewerage	Facilities	Misc capital need for EBSTP - Road paving, painting & repairs, bracing for generator building door, roof repairs	348-11	EBSTP	SWB	$ 475,000	$ 100,000	$ 100,000	$ 100,000	$ 800,000	$ 100,000	$ 250,000	$ 100,000	$ 100,000	$ 100,000	$ 2,225,000
181	Sewerage	Facilities	Final Clarifier rehab EBSTP - #1-8	348-12	EBSTP	SWB	$ 1,500,000	$ 1,600,000	$ 1,600,000	$ -	$ 1,600,000	$ 1,600,000	$ -	$ -	$ -	$ -	$ 7,900,000
182	Sewerage	Facilities	Bleach disinfection system installation	348-13	EBSTP	SWB	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000
183	Sewerage	Facilities	Effluent pump and motor rehab and repair	348-14	EBSTP	SWB	$ 1,000,000	$ 1,500,000	$ 1,700,000	$ 7,700,000	$ 600,000	$ -	$ -	$ -	$ -	$ -	$ 12,500,000
184	Sewerage	Facilities	Install new sludge receiving station to process West Bank Sludge	348-15	EBSTP	SWB	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
185	Sewerage	Facilities	Purchase spare pumps for emergencies: RAS pump, sludge	348-16	EBSTP	SWB	$ 200,000	$ 200,000	$ 200,000	$ 300,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 2,100,000
186	Sewerage	Facilities	Effluent Pump Rm expansion project - Install Pump #6	348-17	EBSTP	SWB	$ -	$ -	$ -	$ 1,000,000	$ 4,000,000	$ -	$ -	$ -	$ -	$ -	$ 5,000,000
187	Sewerage	Facilities	SCADA System upgrades at EBSTP	348-19	EBSTP	SWB	$ 100,000	$ 100,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 700,000
188	Sewerage	Facilities	FBI System Rehab & repairs	348-20	EBSTP	SWB	$ 350,000	$ 1,350,000	$ 275,000	$ 100,000	$ 105,000	$ 240,000	$ 60,000	$ 1,000,000	$ 300,000	$ 300,000	$ 4,080,000
189	Sewerage	Facilities	Storm Pump Rehab	348-22	EBSTP	SWB	$ -	$ -	$ 350,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 350,000

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190	Sewerage	Facilities	Effluent pipeline and channel repairs	348-23	EBSTP	SWB	$ -	$ -	$ -	$ 100,000	$ 1,050,000	$ -	$ -	$ -	$ -	$ -	$ 1,150,000
191	Sewerage	Facilities	Sedimentation tanks repurposing	348-24	EBSTP	SWB	$ -	$ -	$ -	$ 160,000	$ 1,600,000	$ -	$ -	$ -	$ -	$ -	$ 1,760,000
192	Sewerage	Facilities	Wetlands maintenance including chemical costs	348-25	EBSTP	SWB	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 75,000	$ 750,000
193	Sewerage	Facilities	CPM Svcs for Capital Projects	348-26	EBSTP	SWB	$ 720,000	$ 720,000	$ 720,000	$ 740,000	$ 740,000	$ 740,000	$ 760,000	$ 760,000	$ 760,000	$ 760,000	$ 7,420,000
194	Sewerage	Facilities	Construction of containment levee	381-02	WBSTP	SWB	$ -	$ 250,000	$ 2,800,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,050,000
195	Sewerage	Facilities	SCADA System / Control Room Lab	381-03	WBSTP	SWB	$ -	$ 600,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 600,000
196	Sewerage	Facilities	Rehab clarifiers	381-04	WBSTP	SWB	$ -	$ 500,000	$ 700,000	$ -	$ 350,000	$ 350,000	$ -	$ 380,000	$ -	$ -	$ 2,280,000
197	Sewerage	Facilities	Misc repairs at WBSTP (repairs to air compressor, piping, and road paving)	381-05	WBSTP	SWB	$ 118,000	$ 300,000	$ 200,000	$ -	$ 150,000	$ -	$ -	$ 75,000	$ -	$ -	$ 843,000
198	Sewerage	Facilities	Headworks repair at WBSTP (grit pump replacement, bar screens)	381-06	WBSTP	SWB	$ 600,000	$ -	$ 700,000	$ 1,200,000	$ -	$ -	$ 80,000	$ 80,000	$ 70,000	$ -	$ 2,730,000
199	Sewerage	Facilities	Effluent and Main pump repair WBSTP	381-07	WBSTP	SWB	$ 35,000	$ 40,000	$ 40,000	$ -	$ 42,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ -	$ 607,000
200	Sewerage	Facilities	Trickling Filter Improvements	381-08	WBSTP	SWB	$ -	$ 750,000	$ -	$ 750,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000
201	Sewerage	Facilities	Emergency generator & switchgear	381-09	WBSTP	SWB	$ 23,000	$ 23,000	$ 400,000	$ 23,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 619,000
202	Sewerage	Facilities	Solids Handling Improvements at WBSTP	381-10	WBSTP	SWB	$ 350,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 350,000
203	Sewerage	Facilities	Land Acquisition for consttruciton of new SPS Facilities	803-01	Citywide	SWB	$ 500,000	$ 500,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000
204	Sewerage	Facilities	Installation of Sludge Dryer at EBWWTP	375-08	EBWWTP	FEMA	$ 3,200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,200,000
205	Sewerage	Facilities	Relocation and Replaement of SPS No 3	375-05	A	SWB	$ 200,000	$ 250,000	$ 3,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,950,000
206	Sewerage	Normal Extensions	Normal Extension and Replacement of Sewer Mains in Algiers Basin	319-02	West Bank	SWB	$ 1,500,000	$ 1,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 23,000,000
207	Sewerage	Normal Extensions	Sewer Main Extension	317-02	Citywide	SWB	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,000,000
208	Sewerage	Normal Extensions	SSERP Program Management	317-01	Citywide	SWB	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 13,500,000
209	Sewerage	Normal Extensions	SSERP Rehabilitation, repair/replacement of sewer mains in accordance with EPA Consent Decree	317-13	itywide (Eastban	SWB	$ 13,250,000	$ 13,100,000	$ 12,700,000	$ 13,200,000	$ 2,500,000	$ 2,500,000	$ 1,000,000	$ 1,000,000	$ -	$ -	$ 59,250,000
210	Sewerage	Normal Extensions	ESSA Rehabilitation, repair/replacement of sewer mains in accordance with EPA Consent Decree	317-	itywide (Eastban	FEMA	$ 250,000	$ 1,200,000	$ 2,100,000	$ 2,200,000	$ 1,000,000	$ 1,000,000	$ -	$ -	$ -	$ -	$ 7,750,000
211	Sewerage	Normal Extensions	Installation of new sewer connections ar scattered sites Citywide. Participation by Others - 100% paid by	318-01	Citywide	SWB	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,000,000
212	Sewerage	Normal Extensions	CCTV of gravity sewer mains	317-03	Citywide	SWB	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,000,000
213	Sewerage	Normal Extensions	Condition assessment, rehabilitation and replacement of sewer force mains (8" to 24" diameter range)	313-01	Citywide	SWB	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 1,500,000	$ 2,000,000	$ 2,000,000	$ 40,500,000
214	Sewerage	Normal Extensions	Condition assessment, rehabilitation and replacement of large sewer force mains (30" and greater)		Citywide	SWB	$ 1,500,000	$ 1,500,000	$ 1,500,000	$ -	$ 10,000,000	$ -	$ 10,000,000	$ -	$ 10,000,000	$ -	$ 34,500,000
215	Sewerage	Normal Extensions	Replacement of sewer mains on DPW paving projects	339-01	Citywide	SWB	$ 5,300,000	$ 5,300,000	$ 5,300,000	$ 5,300,000	$ 5,300,000	$ 5,300,000	$ 5,300,000	$ 5,300,000	$ 5,300,000	$ 5,300,000	$ 53,000,000
216	Sewerage	Normal Extensions	SELA relocations costs - Algiers Basin	360-00	C	SWB	$ -	$ -	$ -	$ -	$ 2,000,000	$ -	$ 2,000,000	$ -	$ -	$ -	$ 4,000,000

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LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CP#	LOCATION	FUND SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
217	Sewerage	Normal Extensions	Paving of sewer lines	382-00	Citywide	SWB	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 10,000,000
218	Sewerage	Normal Extensions	Manhole-to-manhole sanitary sewer main replacement at various locations throughout Orleans Parish	318-03	Citywide	SWB	$ 2,000,000	$ 3,300,000	$ 2,000,000	$ 3,400,000	$ 2,000,000	$ 3,500,000	$ 3,500,000	$ 3,500,000	$ 3,500,000	$ -	$ 26,700,000
219	Sewerage	Normal Extensions	Restoration of gravity sewer mains by point repair, full line replacement, CIPP lining and paving restoration at scattered sites throughout Orleans parish.	318-02	Citywide	SWB	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ -	$ 45,000,000
220	Sewerage	Other	Labor for maintenance services sewer funds	326-01	Citywide	SWB	$ 550,000	$ 550,000	$ 600,000	$ 600,000	$ 650,000	$ 650,000	$ 700,000	$ 700,000	$ 750,000	$ 750,000	$ 6,500,000
221	Sewerage	Other	Consulting firm to perform title research, environmental assessment, real estate reports, etc. associated with acquiring various properties for ongoing SWBNO facility projects.	803-02	Citywide	SWB	$ 500,000	$ 500,000	$ 250,000	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,500,000
222	Water	Normal Extensions	Replace Fire Hydrants	862-00	Citywide	SWB	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 10,000,000
223	Water	Equipment	Purchase of Water Meters	823	CWP	SWB	$ 2,608,000	$ 2,274,800	$ 2,502,000	$ 2,755,000	$ 3,030,000	$ 3,333,000	$ 3,666,000	$ 4,032,000	$ 4,435,000	$ 4,878,500	$ 33,514,300
224	Water	Equipment	Provide security systems at various facilities, including Water Plants and all remote facilities, both perimeter and inside the facilities. FEMA	159-01	Citywide	SWB	$ 2,000,000	$ 2,000,000	$ 2,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 13,000,000
225	Water	Equipment	Additional Insertion flow meters (50 at $9,000 each) in distribution system, including radio and remote logger	216-03	Citywide	SWB	$ 100,000	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 300,000
226	Water	Facilities	Construction of a new Bulk Chemical Feed and Storage Facility (Contract 1391)	135-08	CWP	SWB	$ 10,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,000,000
227	Water	Facilities	Ground Storage Tank Structural Repairs and Passive Mixing Installation		CWP	SWB	$ 300,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,300,000
228	Water	Facilities	Improvements to Claiborne Water Pumping Station - Contract 1377	175	CWP	FEMA	$ 15,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 15,000,000
229	Water	Facilities	Construction of 2 Elevated Storage Water Tanks Contract 1395	175	CWP	FEMA	$ 3,500,000										$ 3,500,000
230	Water	Facilities	Improvements to Panola and High Lift Water Pumping Stations - Contract 1376	175	CWP	FEMA	$ -	$ -	$ 10,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,000,000
231	Water	Facilities	Purchase of Spare Motor and 2 Pumps for New River Intake	NEW	New River Intake Facility	SWB	$ 1,250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,250,000
232	Water	Facilities	Addition of chlorine contact chamber to Algiers Treatment	157-06	Algiers Plant	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000	$ 9,000,000	$ -	$ -	$ 10,000,000
233	Water	Facilities	Algiers elevated tank maintenance	110-25	Algiers System	SWB	$ 100,000	$ 100,000	$ -	$ -	$ 50,000	$ -	$ -	$ -	$ -	$ 50,000	$ 300,000
234	Water	Facilities	Algiers ground tank maintenance	110-22	Algiers Plant	SWB	$ -	$ 50,000	$ -	$ 50,000	$ -	$ 50,000	$ -	$ 50,000	$ -	$ 250,000	$ 450,000
235	Water	Facilities	Algiers WPP: Miscellaneous repairs and modifications to the High Lift pumps	110-26	Algiers Plant	SWB	$ 100,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 550,000
236	Water	Facilities	Algiers WPP: Replacement of Ferric Sulfate facility	110-23	Algiers Plant	SWB	$ -	$ 50,000	$ 500,000	$ -	$ -	$ -	$ -		$ -	$ -	$ 550,000
237	Water	Facilities	Build new Water Treatment Process Training Building at Carrollton	158-01	CWP	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000,000	$ 50,000,000		$ -	$ 100,000,000
238	Water	Facilities	Carrollton WPP: Expansion of SCADA System	110-53	CWP	SWB	$ 1,000,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,900,000
239	Water	Facilities	Carrollton WPP: Laboratory equipment	110-56	CWP	SWB	$ 150,000	$ 50,000	$ -	$ -	$ -	$ -	$ -			$ -	$ 200,000

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LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CIP#	LOCATION	FUND SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
240	Water	Facilities	Carrollton WPP: Concrete ground storage tanks (4) are due for routine cleaning and inspection, add new valve drains	110-08	CWP	SWB	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 150,000	$ 50,000	$ 50,000	$ 50,000	$ 150,000	$ 500,000	$ 1,150,000
241	Water	Facilities	Filter gallery conversion to Hypochlorite Disinfection System	110-31	CWP	SWB	$ 25,000	$ 200,000	$ -	$ -	$ -	$ -	$ -			$ -	$ 225,000
242	Water	Facilities	Misc process equipment and facility repairs at CWP & AWP (Fac Maint)	110-03	CWP & Algiers	SWB	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 12,500,000
243	Water	Facilities	L4/CS Basin Leak Repair	110-05	CWP	SWB	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
244	Water	Facilities	Misc Sedimentation Basin Leak Repairs CWP	110-06	CWP	SWB	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 300,000	$ 300,000	$ 325,000	$ 325,000	$ 325,000	$ 325,000	$ 2,900,000
245	Water	Facilities	Steel Ground Storage tank cleaning and repairs CWP	110-09	CWP	SWB	$ 250,000	$ 250,000	$ 250,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 1,100,000
246	Water	Facilities	Improvements to Chemical House (building, drainage, electrical E-002 WQMP)	110-12	CWP	SWB	$ 260,000	$ 260,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 520,000
247	Water	Facilities	Routine repairs to rail system	110-13	CWP	SWB	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 500,000
248	Water	Facilities	Replacement of raw water flow instrumentation (NRS & L basins)	110-16	CWP	SWB	$ -	$ 200,000	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 400,000
249	Water	Facilities	Repairs to existing water valves in the plant	110-20	CWP	SWB	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000
250	Water	Facilities	Algiers WPP - Expansion of SCADA	110-24	Algiers Plant	SWB	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ -	$ -	$ -	$ -	$ -	$ 500,000
251	Water	Facilities	Stormproofing of Water Facilities	110-28	CWP & Algiers	SWB	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
252	Water	Facilities	Replace crane in low lift building	110-39	CWP	SWB	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
253	Water	Facilities	Repairs to L & G Basin focculator drives	110-42	CWP	SWB	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ 2,500,000
254	Water	Facilities	Miscellaneous repairs to chemical piping	110-48	CWP	SWB	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 500,000
255	Water	Facilities	Claiborne Pumping Station Building Improvement (roof and windows)	110-59	CWP	SWB	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
256	Water	Facilities	Rehab of Industrial Ave River Station	112-05	CWP	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 20,000,000	$ -	$ 20,000,000
257	Water	Facilities	Design and construction of new Oak St river station intake facility	112-07	CWP	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 80,000,000	$ -	$ 80,000,000
258	Water	Facilities	Repairs and improvements to Industrial Ave River Station	112-09	CWP	SWB	$ 100,000	$ 100,000	$ 100,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 650,000
259	Water	Facilities	Rehab of filters at Claiborne filter gallery	122-01	CWP	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 3,000,000
260	Water	Facilities	Replacement of Sycamore filter gallery	122-02	CWP	SWB	$ 100,000	$ 5,000,000	$ 5,000,000	$ 20,000,000	$ 20,000,000	$ 20,000,000	$ 20,000,000	$ 20,000,000	$ 20,000,000	$ -	$ 130,100,000
261	Water	Facilities	Rehab of filters at Sycamore Filter gallery	122-03	CWP	SWB	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ -	$ -	$ -	$ -	$ 1,200,000
262	Water	Facilities	Lime slurry system replacement- Assessment, Design, Construction @ CWP	135-01	CWP	SWB	$ 200,000	$ 2,000,000	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,400,000
263	Water	Facilities	Demo of potassium permanganate facility	135-03	CWP	SWB	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 150,000
264	Water	Facilities	Study to evaluate alternatives to repair existing sedimentation basins.	156-02	CWP	SWB	$ 150,000	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 300,000
265	Water	Facilities	Addition of VFDs to G Basin Flocculator Drives	156-03	CWP	SWB	$ -	$ 90,000	$ 4,500,000	$ 4,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,090,000
266	Water	Facilities	Replace G basin static mixers with mechanical mixers	156-04	CWP	SWB	$ 70,000	$ 3,500,000	$ 3,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 7,070,000

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LINE #	SYSTEM	CATEGORY	PROJECT DESCRIPTION	CP#	LOCATION	FUND SOURCE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
267	Water	Facilities	Structural or process Improvements to improve total organic carbon removal at CWP	156-06	CWP	SWB	$ -	$ -	$ -	$ -	$ 500,000	$ 5,000,000	$ -	$ -	$ -	$ -	$ 5,500,000
268	Water	Facilities	Water Treatment Master Plan	156-07	CWP	SWB	$ 75,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 75,000
269	Water	Facilities	Replace G & L Basin Effluent Gates	156-08	CWP	SWB	$ -	$ -	$ 90,000	$ 4,500,000	$ 4,500,000	$ -	$ -	$ -	$ -	$ -	$ 9,090,000
270	Water	Facilities	Replace Monarake Control panels for G & L basins	156-09	CWP	SWB	$ 50,000	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 100,000
271	Water	Facilities	Water Treatment Master Plan - Algiers	157-01	Algiers	SWB	$ 50,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 50,000
272	Water	Facilities	Improvements to the Sodium Hypochlorite Facility in Algiers	157-02	Algiers	SWB	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
273	Water	Facilities	Raw Water Piping/Modifications - Algiers	157-09	Algiers	SWB	$ -	$ 1,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,000,000
274	Water	Facilities	Rehab of Algiers River Station #2	157-10	Algiers	SWB	$ 200,000	$ 2,000,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,200,000
275	Water	Facilities	Structural or process improvements to improve total organic carbon removal at Algiers	157-11	Algiers	SWB	$ -	$ -	$ 50,000	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 550,000
276	Water	Facilities	CWP Site use study	157-13	CWP	SWB	$ 500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 500,000
277	Water	Facilities	New Sludge Line to River at MWPP - Contract 1333: Addition of a second 30" waste sludge line for redundancy; provide sludge pumping and basin draining simultaneously; replacement of all sludge pumps, piping, valves and appurtenances within the Pump House for the G-Basins	156-01	CWP	SWB	$ 6,000,000	$ 600,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,600,000
278	Water	Facilities	Facility maintenance repairs to water purification plants	110-01	CWP	SWB	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 750,000	$ 7,500,000
279	Water	Facilities	New Orleans East Booster Station/Water Tower	110-46	New Orleans East	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ 1,200,000	$ 300,000	$ 12,000,000	$ -	$ 13,500,000
280	Water	Facilities	Forensics structural engineering services for analysis of water system	110-49	Citywide	SWB	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 2,000,000
281	Water	Facilities	Modifications to Algiers Raw Water Intake Station	112-08	Algiers	SWB	$ -	$ -	$ -	$ -	$ 300,000	$ 3,000,000	$ -	$ -	$ -	$ -	$ 3,300,000
282	Water	Facilities	New River Station Install water pump casings, packing glands, bearings, and impellers for wear on all pumps	110-34	Citywide	SWB	$ 200,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 200,000
283	Water	Facilities	Carrollton WPP: Repair L & G Basins flocculator drives (failed gearboxes)	110-42	Citywide	SWB	$ 400,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 400,000
284	Water	Facilities	Misc. processes, equipment and facility repairs at CWP and AWP	110-03	Citywide	SWB	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 1,250,000	$ 1,350,000	$ 1,350,000	$ 1,350,000	$ 1,350,000	$ 1,350,000	$ -	$ 11,750,000
285	Water	Normal Extensions	Water line replacements (Non-FEMA) in conjunction with DPW JIRR Program	110-57	Citywide	SWB	$ 34,100,000	$ 25,400,000	$ 11,250,000	$ 5,500,000	$ 2,000,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 2,500,000	$ 90,750,000
286	Water	Normal Extensions	Water Service Line/Metering Installation Force Accts (45/45/10)	214-01	Citywide	SWB	$ 1,035,000	$ 1,035,000	$ 1,035,000	$ 1,035,000	$ 1,035,000	$ 1,035,000	$ 1,035,000	$ 1,035,000	$ 1,035,000	$ 1,035,000	$ 10,350,000
287	Water	Normal Extensions	Replacement of 50,000 feet of 8" diameter waterline to Venetian Isle, including providing a looping of system to improve water quality	110-54	New Orleans East	SWB	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 10,000,000	$ 10,000,000
288	Water	Normal Extensions	Extension of transmission mains to new areas of development or to boost pressure in current service area	221-00	Citywide	SWB	$ 150,000	$ 150,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 4,300,000
289	Water	Normal Extensions	Main Extension (Water portion) paid by Developer	214-02	Citywide	Other	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 500,000	$ 5,000,000
290	Water	Normal Extensions	Networks Participation for Water Mains on DPW Paving Proj SWBNO	239-00	Citywide	SWB	$ 4,317,948	$ 4,000,000	$ 4,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 3,000,000	$ 33,317,948

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291	Water	Normal Extensions	Replacement of water distribution system on East Bank FEMA	175-13	Citywide	FEMA	$ 31,000,000	$ 21,000,000	$ 11,000,000	$ 3,500,000	$ 6,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 5,000,000	$ 97,500,000
292	Water	Normal Extensions	SELA Relocations Costs - Algiers Basin	160-00	Citywide	SWB	$ -	$ -	$ -	$ -	$ 2,000,000	$ -	$ 2,000,000	$ -	$ -	$ -	$ 4,000,000
293	Water	Normal Extensions	Waterline leak detection	214-03	Citywide	SWB	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ 1,000,000	$ -	$ 9,000,000
294	Water	Other	Labor for maintenance services of miscellaneous repairs	110-50	Citywide	SWB	$ 550,000	$ 550,000	$ 600,000	$ 600,000	$ 650,000	$ 650,000	$ 700,000	$ 700,000	$ 750,000	$ 750,000	$ 6,500,000
295	Water	Other	Labor for maintenance services FEMA	175-12	Citywide	FEMA	$ 600,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 600,000
296	Water	Other	Consulting firm to perform title research, environmental assessment, real estate reports, etc. associated with acquiring various properties for ongoing SWBNO facility projects.	803-02	Citywide	SWB	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ -	$ -	$ -	$ -	$ -	$ 600,000
	Total						$ 346,479,698	$ 344,653,800	$ 324,043,750	$ 278,300,000	$ 325,668,250	$ 427,680,500	$ 240,818,250	$ 411,158,258	$ 346,398,844	$ 117,458,500	$ 3,162,659,845

Active Capital Projects

ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
C008	A, B	HMGP-Feeders from Power Plant to DPS1	Installing two feeders from CWP to drainage pumping station #1.	$4,628,919.90	Completed	2016 - Q4	2017 - Q4
DPW067	C, D	N. Galvez (Elysian Fields - Almonaster)	Reconstruction of existing roadway, including replacement of affected utilities	$1,455,827.70	Completed	2015 - Q3	2017 - Q2
DPW076	B	Gravier St. (S. Galvez to S. Broad)	Reconstruction of existing roadway, including the replacement of affected utilities	$2,211,872.70	Completed	2016 - Q1	2017 - Q4
DPW092	A	S. Johnson - Melodia Ct.	Reconstruction of existing roadway, including the replacement of affected utilities.	$588,259.95	Completed	2016 - Q4	2017 - Q4
DPW442	B	Jackson Ave (S. Claiborne - Tchoupitoulas)	Reconstruction of existing roadway, including the replacement of affected utilities	$81,980.00	Completed	2016 - Q3	2017 - Q3
DPW449	D	Aubry St (Broad - Gentilly)	This project will perform roadway improvements on Aubry Street from North Broad to Gentilly Boulevard, including installation of new subsurface utilities including drain lines, sewer, and water lines.	$712,277.50	Completed	2016 - Q4	2017 - Q3
ER.DPS.25HZ	C, D, E, A, B	Purchase of five 25 Hz generators	Emergency generator purchase and installation	$13,878,409.09	Completed	2017 - Q3	2017 - Q3
ER.DPS.TG	C, D, E, A, B	Rental of temporary generators	Emergency temporary generator rental at CFC, DPS 4, DPS 10 Citrus, Dwyer, Grant, Maxent, Oleander, Elaine, SPS A, plus A/C units at Power House 1 and PFC	$5,537,025.44	Completed	2017 - Q3	2017 - Q3
ER.DPS01.CD1	B	DPS 1 - Constant Duty Pump 1	Repair bearing failure and seat	$231,186.00	Completed	2017 - Q3	2017 - Q3
ER.DPS01.V2	B	DPS 1 - Vertical Pump 2	Repair impellar & damaged shaft	$254,199.00	Completed	2017 - Q3	2017 - Q3
ER.DPS05.EP	E	DPS 5 - Emergency pump rental	Rental, installation and crane costs for emergency pump	$115,480.00	Completed	2017 - Q3	2017 - Q3
ER.DPS06.C	A	DPS 6 - Pump C	Repair of impellar and damaged shaft	$164,144.50	Completed	2017 - Q3	2017 - Q3
ER.DPS06.CD1	A	DPS 6 - Constant Duty Pump 1	Predecessor to 6260 - balance rotor (reassemble pump, shaft and realignment)	$80,000.00	Completed	2017 - Q3	2017 - Q3
ER.DPS06.CD1.1	A	DPS 6 - Constant Duty Pump 1	Balance rotor, need to VPI, test and install	$191,155.50	Completed	2017 - Q3	2017 - Q3
ER.DPS06.D	A	DPS 6 - Motor D	Shaft, bearings and impellar repairs	$52,337.50	Completed	2017 - Q3	2017 - Q3
ER.DPS06.F	A	DPS 6 - Motor F	Reassemble pump, shaft and realignment	$196,197.50	Completed	2017 - Q3	2017 - Q3
ER.DPS07.C	A	DPS 7 - Pump C	Repair bearing failure and seat	$186,602.50	Completed	2017 - Q3	2017 - Q3
ER.DPS07.EP	A	DPS 7 - Emergency pump rental	Rental, installation and crane costs for emergency pump	$82,300.00	Completed	2018 - Q3	2018 0 Q3
ER.DPS11.D	C	DPS 11 - Pump D	Reassemble pump, bearing shaft, and realignment	$98,472.00	Completed	2017 - Q3	2017 - Q3
ER.DPS11.E	C	DPS 11 - Pump E	Reassemble pump, bearing shaft, and realignment	$173,692.00	Completed	2017 - Q3	2017 - Q3
ER.DPS17.TG	E	DPS 17 "Station D" - Temporary generator purchase and wiring	Purchase of temporary generator and wiring	$3,369,148.00	Completed	2017 - Q3	2017 - Q3
ER.UPS02.TG	A	UPS 2 - Canal Blvd - temporary generator rental	Emergency temporary generator rental	$78,547.00	Completed	2017 - Q3	2017 - Q3
ER.UPS03.TG	D	UPS 3 - Franklin Ave - temporary generator rental	Emergency temporary generator rental	$78,540.00	Completed	2017 - Q3	2017 - Q3

Water Sewerage Drainage Combo/Power Joint Project Emergency Repair Note: Joint Projects are part of the Joint Infrastructure Program with the City of New Orleans, with DPW as facilitator.

ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
ER.UPS04.TG	E	UPS 4 - Hospital - temporary generator rental	Emergency temporary generator rental	$78,540.00	Completed	2017 - Q3	2017 - Q3
ER.UPS05.TG	A	UPS 5 - New Carrollton - temporary generator rental	Emergency temporary generator rental	$78,540.00	Completed	2017 - Q3	2017 - Q3
ER.UPS06.M	A	Underpass Pump Station 06 - Old Carrollton - Electric Rewind of Motor	Electric rewind of motor	$43,578.00	Completed	2017 - Q3	2017 - Q4
ER.UPS06.SP	A	UPS 6 - Old Carrollton - spare parts for pump	Spare parts/pump for Old Carrollton underpass station	$28,563.00	Completed	2017 - Q3	2017 - Q3
ER.UPS06.TG	A	UPS 6 - Old Carrollton - temporary generator rental	Emergency temporary generator rental	$78,540.00	Completed	2017 - Q3	2017 - Q3
ER.UPS07.TG	D	UPS 7 - Paris Ave - temporary generator rental	Emergency temporary generator rental	$78,540.00	Completed	2017 - Q3	2017 - Q3
ER.UPS09.TG	D	UPS 9 - Press Dr - temporary generator rental	Emergency temporary generator rental	$78,540.00	Completed	2017 - Q3	2017 - Q3
ER.UPS10.TG	D	UPS 10 - St. Bernard Ave - temporary generator rental	Emergency temporary generator rental	$78,540.00	Completed	2017 - Q3	2017 - Q3
S001	C, D, E, A, B	Restoration of Existing Gravity Sewer Mains in Various Locations	Restore basin In Uptown, 9th Ward, and Carrollton.	$5,032,700.00	Completed	2013 - Q4	2017 - Q3
S002	C, D, E, A, B	Restoration of Existing Gravity Sewer Mains in Various Locations	Restore basin in Lake View, Gentilly, S. Shore, and Mid-City.	$4,759,309.00	Completed	2014 - Q2	2017 - Q4
S014	E	DODT SPS	Restoration of sewer pump station from Hurricane Katrina damage.	$1,518,397.45	Completed	2014 - Q1	2017 - Q3
S015	E	Plum Orchard SPS	Restoration of sewer pump station from Hurricane Katrina damage.	$1,246,542.01	Completed	2014 - Q1	2017 - Q3
S016	A	Mistletoe 18" sewer line	Replacement of 18" sewer main.	$1,439,277.94	Completed	2015 - Q3	2017 - Q3
W005	B	A&B Pumps and Auxiliaries at Carrollton Water Plant	Repairs to Pumps A & B from Hurricane Katrina Damage.	$18,295,141.33	Completed	2011 - Q3	2018 - Q1
W006	B	Replacement of Pump Package @ CWP	Repairs & service two lift pumps, steam turbine drivers, & auxiliary equipment.	$6,207,477.43	Completed	2012 - Q3	2017 - Q3
W044	D	Garage No. 1 at Central Yard	Repairs to Garage no. 1 Building & Roof.	$3,024,637.28	Completed	2014 - Q3	2017 - Q3
W045	D	Garage No. 2 at Central Yard	Repairs to Garage No. 2 Electrical System.	$2,379,559.81	Completed	2015 - Q2	2017 - Q4
C001	B	HMGP - Modifications to Oak Street Raw Intake Station	Upgrades to Oak Street Raw Intake Station.	$26,231,874.85	Construction	2017 - Q2	2019 - Q4
C002	A	HMGP - Emergency Fuel Storage	Construction of New Fuel Storage Tanks.	$11,029,650.09	Construction	2015 - Q3	2019 - Q1
C004	A	HMGP- Structural General	Structural Repairs from Hurricane Katrina Damage.	$4,662,846.12	Construction	2015 - Q4	2018 - Q2
C007	A	HMGP - Generator 4 Retrofit	Installation of new generators.	$13,452,101.27	Construction	2013 - Q2	2018 - Q2
C009	D, A, B	HMGP - Retrofit Power Distribution Network	Repairs to Power System. Gentilly Blvd @ St. Bernard Ave	$32,272,982.72	Construction	2015 - Q2	2019 - Q2
C010	A	HMGP - Generator Load Bank	Installation of new generators. Load bank in plant.	$7,317,063.33	Construction	2014 - Q3	2019 - Q1
C011	C, D, E, A, B	Service Connections - new installation	Installation of new water, sewer, and drainage service connections at various sites throughout Orleans Parish	$2,336,550.00	Construction		
D002	B	SELA Louisiana Ave Canal	Construction of 7300 LF box culvert.	$87,691,469.81	Construction	2014 - Q1	2018 - Q2

Water Sewerage Drainage Combo/Power Joint Project Emergency Repair Note: Joint Projects are part of the Joint Infrastructure Program with the City of New Orleans, with DPW as facilitator.

ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
D003.1	E	SELA Florida Ave Canal- PH II & III	Construction of 4500 LF concrete culvert from Mazant to St. Ferdinand.	$120,694,876.25	Construction	2014 - Q3	2018 - Q4
D003.2	E	SELA Florida Ave Canal- PH IV	Construction of pile founded flume & pile founded culverts.	$150,597,492.09	Construction	2014 - Q3	2022 - Q4
D005.1	B	SELA S. Claiborne Ave Canal- PH I	Construction of 2500 LF concrete box Monticello to Leonidas.	$33,360,008.66	Construction	2017 - Q1	2019 - Q4
D005.2	B	SELA S. Claiborne Ave Canal- PH II	Construction of 3500 LF concrete box Leonidas to Lower line.	$30,216,421.08	Construction	2012 - Q2	2017 - Q3
D006	B	SELA Jefferson Ave- PH I	Construction of 4400 LF Concrete Box for Claiborne to Dryads.	$62,766,590.60	Construction	2013 - Q3	2018 - Q2
D009	D	Broad Underpass Drainage Pump Station	Restoration of Underpass Drainage Pump Station from Hurricane Katrina Damage.	$1,293,819.95	Construction	2016 - Q4	2018 - Q1
D015	A	Metairie Relief Canal	Joint project with Jefferson Parish - Widen existing Metairie Relief Canal from Palmetto to Airline Hwy	$7,535,000.00	Construction	2016 - Q3	2017 - Q4
D019	E	DPS 17 - Station D Mechanical/Structural Repairs		$1,459,711.51	Construction		2017 - Q4
DPW059	A	Fleur de Lis Phase III (30th St - Hammond Hwy)	Reconstruction of existing roadway, including the replacement of affected utilities	$5,555,935.00	Construction	2017 - Q1	2018 - Q3
DPW120	E	Michoud Blvd (Chef Menteur Blvd – Dwyer Rd)	Full reconstruction, rehabilitatin of water & drain lines	$1,122,488.09	Construction	2017 - Q1	2018 - Q2
DPW441	B	S. Galvez (Toledano - MLK BLVD)	Full reconstruction of concrete roadway including all underground utilities. Installation of ADA compliant curb ramps, new sidewalks, driveways, landscaping, street lights and striping of crosswalks and a dedicated bike lane.	$910,490.00	Construction	2016 - Q4	2018 - Q2
DPW445	D	Youth Study Center	May include underground infrastructure improvements, roadway resurfacing and installation of ADA compliant curb ramps, sidewalks and driveway aprons near the Youth Study Center.	$130,171.80	Construction	2016 - Q3	2017 - Q4
DPW585	C	French Quarter Safety	Safety improvements and insfrastructure repairs to French Quarter streets, including installation of bollards to prevent automobile traffic, etc.	$2,264,483.50	Construction		
DPW589	C	Bourbon St (Canal St - Dumaine St)	May include replacement of existing drain lines, existing water mains/house connections, sewer mains/house connections	$0.00	Construction		2017 - Q4
DPW595		Henry Clay (St Charles Ave - Hurst)			Construction		
ER.DPS05.CD2	E	DPS 5 - Constant Duty Pump 2 L/R	Repair impellar failure and damaged shaft	$586,176.00	Construction	2017 - Q3	2017 - Q4
ER.DPS06.CD2	A	DPS 6 - Constant Duty Pump 2	Repair impellar failure and damaged shaft	$142,447.50	Construction	2017 - Q3	2017 - Q4
ER.DPS06.I	A	DPS 6 - Pump I	Shaft, bearings and impellar repairs	$1,690,216.00	Construction	2017 - Q3	2017 - Q4
ER.DPS11.B	C	DPS 11 - Pump B	Repair pump - seized	$240,930.00	Construction	2017 - Q3	2017 - Q4
ER.DPS15.2	E	DPS 15 - Pump 2	Repair gear box and reinstall	$497,376.00	Construction	2017 - Q3	2017 - Q4
ER.DPS20.1	E	DPS 20 "Amid" - Pump 1	Repair and reinstall angle drive, shaft, impellar and casing	$1,312,810.00	Construction	2017 - Q3	2017 - Q4

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ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
ER.PS.C	C, D, E, A, B	CH2M - Professional Services - Program Management	Emergency Operations Maintenance for DPS Repairs	$3,000,000.00	Construction	2017 - Q3	2017 - Q4
ER.PS.D	A	Diving Inspections	Emergency diving inspection services	$300,000.00	Construction	2017 - Q3	2017 - Q4
ER.PS.V	C, D, E, A, B	Veolia - Professional Services - Resiliency & Assets Management Study	Resiliency & Assets Management Study	$3,000,000.00	Construction	2017 - Q3	2017 - Q4
ER.T5	A	Turbine #5 Emergency Repairs	Emergency repairs to Turbine #5	$1,200,000.00	Construction	2017 - Q3	2017 - Q4
ER.UPS02.PG	A	Underpass Pump Station 02 - Canal Street	Installation of Permanent Generator.	$252,890.00	Construction	2017 - Q3	2017 - Q4
ER.UPS03.PG	D	Underpass Pump Station 03 - Franklin Ave	Installation of Permanent Generator.	$278,050.00	Construction	2017 - Q3	2017 - Q4
ER.UPS05.PG	A	Underpass Pump Station 05 - New Carrollton	Installation of Permanent Generator.	$269,420.00	Construction	2017 - Q3	2017 - Q4
ER.UPS07.PG	D	Underpass Pump Station 07 - Paris Ave	Installation of Permanent Generator.	$277,250.00	Construction	2017 - Q3	2017 - Q4
ER.UPS09.PG	A	Underpass Pump Station 09 - Press Dr	Installation of Permanent Generator.	$361,000.00	Construction	2017 - Q3	2017 - Q4
RR083	A	RR3 - Lakeview North Group A (INC)	Replace identified damaged water main segments in Lakeview.	$396,917.06	Construction	2017 - Q2	2018 - Q1
S003	E	Electrical Modifications to the Effluent Pump House	Adjustments to Effluent Pump House electrical system.	$5,771,314.81	Construction	2016 - Q3	2018 - Q1
S004	C	Horace, Huntlee, Eton, Holiday SPS EDC's	Restoration of Sewer Pump Station from Hurricane Katrina Damage.	$338,707.00	Construction	2017 - Q3	2017 - Q3
S006	E	BISI Sludge Dryer Purchase	Acquisition of new BISI sludge dryer.	$4,684,027.87	Construction	2016 - Q4	2017 - Q4
S010	E	New Orleans East Basin Plum Orchard Sewer Rehabilitation	Restoration of basin under consent decree	$6,827,860.00	Construction	2017 - Q1	2019 - Q4
S011	E	New Orleans East Basin Read Blvd West / West Lake Forest Rehabilitation	Restoration of basin under consent decree	$3,397,886.73	Construction	2016 - Q4	2019 - Q4
S012	E	New Orleans East Basin Read Blvd East/Viavant Sewer Rehabilitation	Restoration of basin under consent decree	$5,801,851.80	Construction	2017 - Q2	2019 - Q4
S019	D	Rewind of the sewage pump motor at Sewage Pumping Station 21	Repairs to SPS 21 Motor.	$93,610.00	Construction	2017 - Q1	2017 - Q3
S028	E	New Orleans East Basin/Village de L'Est/Venetian Isles Sewer Rabilitiation	Sewer system rehab of existing gravity sewer mains via replacement of CIPP lining manhole in association with SSERP	$3,654,490.00	Construction	2017 - Q2	2017 - Q4
S084	D	SPS #8	Construction of New Sewer Pump Station on Lafitte St.	$9,545,231.83	Construction	2017 - Q1	2018 - Q3
S085	C, D, E, A, B	Gravity Sewer Mains	Restoration of existing gravity flow sanitary sewers by excavation from manhole-to- manhole, CIPP Lining from manhole-to- manhole, CIPP lining of service laterals and point pepair at various Sites throughout the City of New Orleans	$3,988,738.00	Construction		

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ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
S086	C, D, E, A, B	Gravity Sewer Mains restoration	Restoration of existing gravity flow sanitary sewers by excavation from manhole-to- manhole, CIPP Lining from manhole-to- manhole, CIPP lining of service laterals and point pepair at various Sites throughout the City of New Orleans	$4,771,990.44	Construction		
W003	A	Filter backwash equipment	Replacement of Backwash Equipment. Current Construction Location 8800 S. Claiborne Ave.	$1,435,908.58	Construction	2017 - Q3	2018 - Q3
W004	B	Turbine 4 Repairs	Repair Turbine #4 and ancillary equipment.	$17,484,866.14	Construction	2012 - Q1	2018 - Q2
W015	B	Carrollton Water Plant: boiler , duct and elevator	Repair to Plant from Hurricane Katrina Damage.	$19,422,074.04	Construction	2014 - Q4	2017 - Q3
W016	A	SFG air compressor	Replacement of Air Compressor.	$375,000.00	Construction	2017 - Q1	2017 - Q3
W019	E	Painting of Concrete Water Storage Tanks @ MWP	Paint (4) Four Million Gallon Concrete Storage Tanks at CWP	$740,163.02	Construction	2014 - Q4	2017 - Q4
W022	E	Secondary chlorination station at Venetian Isles	Installation of Secondary Chlorination @ Venetian Isles.	$891,300.00	Construction	2017 - Q2	2017 - Q3
W024	A	Water Hammer HMP - Elevated Storage Tanks	Construction of New Elevated Storage Tanks. CWP	$38,131,457.73	Construction	2016 - Q4	2019 - Q2
W025	E	Improvements to Michaud Water Tower	Restoration from Hurricane Katrina Damage.	$5,749,700.00	Construction	2017 - Q2	2017 - Q4
W029	B	CBD/French Quarter WLRP	Replace water lines and new pavement.	$10,444,049.25	Construction	2013 - Q3	2017 - Q4
W038	D	Electrical equipment at Garage No. 2 and Main Power Building	Repairs to Electrical System in Garage No. 2 & Main Building.	$2,081,125.91	Construction	2016 - Q3	2018 - Q1
W051	C, D, E, A, B	Water Main Line replacements	Water Main Line replacements and extensions throughout Orleans parish.	$1,777,140.00	Construction		
DPW144	E	Old Spanish Trail (Nighthart St - Sherwood Dr)	Full Reconstruct - existing roadway, including replacement of affected utilities.	$700,000.00	Bid & Award	2018 - Q3	2018 - Q4
DPW456	C, D, E, A, B	Isaac Drainage Point Repairs	Improve drainage conditions throughout the city, including cleaning of catch basins, manholes and point repairs to drainage lines	$0.00	Bid & Award	2017 - Q4	2018 - Q4
ER.DPSGRANT.2	E	DPS "Grant" - Pump 2	New pump and new motor	$51,940.00	Bid & Award	2017 - Q3	2017 - Q4
ER.DPSGRANT.4	E	DPS "Grant" - Pump 4	New pump and new motor	$51,940.00	Bid & Award	2017 - Q3	2017 - Q4
ER.UPS04.PG	E	Underpass Pump Station 04 - Hospital	Installation of Permanent Generator.		Bid & Award	2017 - Q3	2018 - Q1
ER.UPS08.PG	D	Underpass Pump Station 08 - Ponchartrain Blvd	Installation of Permanent Generator (?)		Bid & Award	2017 - Q3	2017 - Q4
ER.UPS10.PG	D	Underpass Pump Station 10 - St Bernard Ave	Installation of Permanent Generator.		Bid & Award	2017 - Q3	2018 - Q1
RR051	D, E	RR3 - Gentilly Terrace Group A (INC)	Replace identified damaged water main segments in Gentilly Terrace.	$726,678.48	Bid & Award	2017 - Q4	2018 - Q3
RR103	E	RR3 - LNW Northeast Group A (INC)	Replace identified damaged water main segments in lower Ninth Ward-South.	$344,615.30	Bid & Award	2017 - Q3	2018 - Q3
RR108	E	RR3 - LNW Northwest Group A (PMOI)	Replace identified damaged water main segments in Lower Ninth Ward-South.	$924,344.20	Bid & Award	2017 - Q4	2018 - Q4
RR144	E	RR3 - Read Blvd East Group A (PMOPI)	Replace identified damaged water main segments in Read Blvd East.	$147,151.56	Bid & Award	2017 - Q4	2018 - Q4

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ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
RR152	E	RR3 - Read Blvd West Group A (PMOI)	Replace identified damaged water main segments in Read Blvd West.	$350,432.83	Bid & Award	2017 - Q3	2018 - Q2
RR187	E	RR3 - Village de L'Est Group A (PMOI)	Replace identified damaged water main segments in Village de L'Est.	$188,962.63	Bid & Award	2017 - Q3	2018 - Q3
W030	C	Algiers Lock Forebay	12" watermain replacement.	$323,000.00	Bid & Award	2017 - Q3	2018 - Q4
W093	C	New River Intake - silt removal	Removing Silt from the New River Intake		Bid & Award	2018 - Q1	2018 - Q3
W094	C	Algiers Water Plant improvments	Demolition of an existing clarifier, pumps, and piping, construction of a new clarifier, installation of a new vertical turbine pump, replacement of launders and troughs in existing clarifiers, installation of four (4) chemical induction mixers and davit cranes, installation of water quality instruments, abrasive blasting and coating of interior and submerged metals of three (3) existing clarifiers, installation of new fluoride chemical storage and feed system, installation of new CMU walls, CMU wall repairs, door replacements, installation of new doors, installation of gaseous ammonia feed control valves, installation of two large diameter valves and valve vaults, replacement of backflow preventers, exposed piping, yard piping, site work, landscaping, coatings, HVAC, electrical, instrumentation and control improvements, and miscellaneous appurtenances.		Bid & Award	2018 - Q1	2019 - Q3
C003	A	HMGP - Power House	Refurbish of boilers 1,2,3,4,5, and 6. Turbine 3	$50,342,120.90	Design	2018 - Q2	2020 - Q4
C005	A	HMGP -Turbine 5 Refurbishment	Refurbish & upgrade of electrical generators and turbine controls.	$18,449,587.90	Design	2019 - Q3	2021 - Q3
C006	A	HMGP - Turbine 3 Refurbishment	Refurbish & upgrade of electrical generators and turbine controls.	$24,324,249.90	Design	2018 - Q4	2019 - Q4
D001	A	Demolition of C7/C8 Basin	Demo of Basins C7 & C8.	$3,190,607.76	Design	2017 - Q4	2018 - Q4
D008	B	New Carrolton Underpass Drainage Pump Station	Construction of New Carrollton UPSPS.	$807,567.84	Design	2018 - Q1	2019 - Q1
D010	D	Paris Rd. Underpass Drainage Pump Station	Restoration of Underpass Drainage Pump Station from Hurricane Katrina Damage.	$1,074,368.88	Design	2018 - Q1	2019 - Q1
D011	B	Hospital Underpass Drainage Pump Station	Restoration of Underpass Drainage Pump Station from Hurricane Katrina Damage.	$807,571.95	Design	2018 - Q1	2019 - Q1
D012	D	Press Dr. Underpass Drainage Pump Station	Restoration of Underpass Drainage Pump Station from Hurricane Katrina Damage.	$1,073,542.65	Design	2018 - Q1	2019 - Q1
D013	B	Marconi Underpass Drainage Pump Station	Restoration of Underpass Drainage Pump Station from Hurricane Katrina Damage.	$699,349.73	Design	2018 - Q1	2019 - Q1

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ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
D016	C	Gen DeGaulle Canal (Wall to Behrman)	Design improvements to canal - no construction contract associated with this	$1,500,000.00	Design	2014 - Q3	2025 - Q1
D017	C, D, E, A, B	Hydraulic Modeling of Drainage Basins throughout city (for SWB)	Hydraulic modeling of drainage basins (SWB)	$963,291.86	Design	2015 - Q1	2017 - Q4
D018	C, D, E, A, B	Hydraulic Modeling of Drainage Basins throughout city for Green Infrastructure Project (HMGP)	Hydraulic modeling of drainage basins (Green Infrastructure)	$569,000.00	Design	2015 - Q1	2019 - Q1
DPW020		Canal Blvd Reconstruction (Robert E Lee Blvd - Amethyst St)		$666,398.90	Design		
DPW068	D	Gardena (St. Bernard - Paris)	Reconstruction of existing roadway, including the replacement of affected utilities.	$1,300,000.00	Design	2018 - Q1	2018 - Q3
DPW087	A	Homedale, Milne, Walker & Center	Reconstruction of existing roadway, including the replacement of affected utilities.	$1,400,000.00	Design	2018 - Q2	2019 - Q4
DPW111	A	Magazine St Phase II (East Dr - Broadway)	FRC-Reconstruction of existing roadway, including the replacement of affected utilities.	$644,381.23	Design	2018 - Q2	2019 - Q3
DPW112		Magazine St Phase I (Nashville - East Dr)		$538,694.50	Design		
DPW199	B	Camp Street (Louisiana - Washington Ave)	Reconstruction of existing roadway, including the replacement of affected utilities.	$1,285,935.00	Design	2018- Q1	2018 - Q3
DPW213	E	Wright Road (Chef Menteur Blvd - Dwyer Blvd)	Removal of existing roadways and replace with new hot mix asphalt or concrete roadways including new concrete curb and gutter bottom, rehabilitation of water and drain lines.	$0.00	Design	2018 - Q3	2019 - Q4
DPW444	C	St. Claude Drainage Improvements	May include subsurface drainage Improvements, installation of green infrastructure, 2 inch mill and overlay and installation of ADA compliant curb ramps.	$297,276.40	Design	2018 - Q1	2018 - Q4
DPW457	A	Cherokee Phase II (Benjamin St. - Pearl St.)	Installing a new subsurface storm water collection and conveyance system in a two block region of Cherokee street for approximately 700 linear feet.	$170,232.88	Design	2018 - Q1	2018 - Q2
DPW458	B	S. Dupre (Canal - Tulane) Gayoso (Canal - Banks)	Reconstruction of existing roadway, including the replacement of affected utilities.	$1,097,600.00	Design	2018- Q1	2018 - Q4
DPW547		Broadmoor Drainage Updates & Green Infrastructure			Design		
DPW549		St Roch Drainage Improvements			Design		
DPW550	A	Hagan-Lafitte (Bayou St. John) drainage upgrades	This project Is intended to help alleviate flooding by increasing the capacity of subsurface drainage between local streets and trunk lines, potentially utilizing the St. Louis Canal, as well as by using green infrastructure options which may include retention/detention basins, street basins, rain gardens, and street side bio swales.	$0.00	Design	2018 - Q1	2018 - Q4
DPW551		Lakeview			Design		
DPW582		Oak Park Drainage Updates			Design		

Water Sewerage Drainage Combo/Power Joint Project Emergency Repair Note: Joint Projects are part of the Joint Infrastructure Program with the City of New Orleans, with DPW as facilitator.

ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
ER.DPS03.ARV	D	DPS 3 - Anti-Reverse mechanism	Identify & install Anti-Reverse Mechanism		Design	2017 - Q3	
ER.DPS03.BG	D	DPS 3 - Butterfly Gates	Replace/replacement of butterfly gates		Design	2017 - Q3	
ER.DPS04.ARV	D	DPS 4 - Anti-Reverse mechanism	Identify & install Anti-Reverse Mechanism		Design	2017 - Q3	
ER.DPS05.ARV	E	DPS 5 - Anti-Reverse mechanism	Identify & install Anti-Reverse Mechanism		Design	2017 - Q3	
ER.DPS06.ARV	A	DPS 6 - Anti-Reverse mechanism	Identify & install Anti-Reverse Mechanism		Design	2017 - Q3	
ER.DPS07.ARV	A	DPS 7 - Anti-Reverse mechanism	Identify & install Anti-Reverse Mechanism		Design	2017 - Q3	
ER.DPS07.DB	A	DPS 7 - Discharge bells	Investigate & assess replacement of discharge bells		Design	2017 - Q3	
ER.DPS11.ARV	C	DPS 11 - Anti-Reverse mechanism	Identify & install Anti-Reverse Mechanism		Design	2017 - Q3	
ER.DPS11.SC	C	DPS 11 - Screen cleaners	Investigation of screen cleaners		Design	2017 - Q3	
ER.DPS12.CD1	E	DPS 12 - Constant Duty Pump 1	Investigate & assess placement of CD1 - *Inactive for 30 years		Design	2017 - Q3	
ER.DPS12.D	E	DPS 12 - Pump D	Investigate & assess the addition of a flex expansion coupling system		Design	2017 - Q3	
ER.DPS13.SC	E	DPS 13 - Screen cleaners	Investigation of screen cleaners		Design	2017 - Q3	
ER.UPS06.PG	A	Underpass Pump Station 06 - Old Carrollton	(Different approach/not permanent generator)		Design	2017 - Q3	2018 - Q3
RR026	D, E	RR3 - Desire Group A (PMOPI)	Replace identified damaged water main segments in Desire/Development Area.	$406,918.84	Design	2017 - Q4	2018 - Q1
RR037	D	RR3 - Filmore North Group A (PMOI)	Replace identified damaged water main segments in Fillmore.	$1,345,714.34	Design	2017 - Q4	2018 - Q4
RR042	D	RR3 - Filmore South Group A (PMOPI)	Replace identified damaged water main segments in Filmore.	$960,314.33	Design	2017 - Q4	2018 - Q4
RR069	D	RR3 - Lake Terrace & Oaks Group A (PCI)	Replace identified damaged water main segments in Lake Terrace & Oaks	$1,574,149.67	Design	2017 - Q3	2018 - Q3
RR078	A	RR3 - Lakeshore Group A (INC)	Replace identified damaged water main segments in Lakeshore - Lake Vista	$699,747.10	Design	2017 - Q4	2018 - Q4
RR090	A	RR3 - Lakeview South Group A (PMOPI)	Replace identified damaged water main segments in Lakeview.	$396,917.06	Design	2017 - Q4	2018 - Q4
RR094	A	RR3 - Lakewood Group A (PMOI)	Replace identified damaged water main segments in Lakewood.	$709,624.50	Design	2017 - Q3	2018 - Q2
RR130	D	RR3 - Milneburg Group A (PMOPI)	Replace identified damaged water main segments in Milneburg.	$1,549,203.54	Design	2017 - Q4	2018 - Q4
RR133	D	RR3 - Pines Village Group A (PMOI)	Replace identified damaged water main segments in Pines Village.	$6,860,725.18	Design	2017 - Q4	2019 - Q1
RR182	B	RR3 - Treme-Lafitte Group A (INC)	Replace identified damaged water main segments in Treme - Lafitte.	$1,278,016.15	Design	2017 - Q4	2018 - Q3
RR185	B	RR3 - Uptown, West Riverside Group A (PMOPI)	Replace identified damaged water main segments in Uptown.	$2,052,240.61	Design	2017 - Q4	2018 - Q4

Water Sewerage Drainage Combo/Power Joint Project Emergency Repair Note: Joint Projects are part of the Joint Infrastructure Program with the City of New Orleans, with DPW as facilitator.

ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
RR191	C	RR3 - West Bank Group A (VAR)	Scope of work may include replacing damaged underground water, sewer and drainage lines, repaving the roadway, repaving the asphalt roadway from curb-to-curb, replacing damaged portions of concrete with new concrete, patching the roadway with asphalt, replacing damaged sidewalks and driveway aprons, and installing ADA compliant curb ramps at intersections.	$197,300.00	Design	2018 - Q1	2018 - Q4
RR192	C	RR3 - West Bank Group B (VAR)	Scope of work may include replacing damaged underground water, sewer and drainage lines, repaving the roadway, repaving the asphalt roadway from curb-to-curb, replacing damaged portions of concrete with new concrete, patching the roadway with asphalt, replacing damaged sidewalks and driveway aprons, and installing ADA compliant curb ramps at intersections.	$0.00	Design	2018 - Q4	2019 - Q4
RR193	A	RR3 - West End Group A (PMOPI)	Replace identified damaged water main segments in West End.	$1,836,909.02	Design	2017 - Q4	2018 - Q4
S005	E	Bio-Reactor Train #4 Clean-out	Clean out of Bio- Reactor Train #4.	$2,211,255.88	Design	2017 - Q4	2018 - Q4
S007	E	Electrical Improvements at the EBWWTP -Phase II	Installation of new MCC's F &G, transformer T-6, and switchgear SG480-2.	$2,696,334.78	Design	2018 - Q1	2019 - Q3
S008	C	Kansas Street Sewer Force	Sewer Force Main Replacement Kansas St. (Seine to Vespasion St.)	$3,872,891.38	Design	2018 - Q1	2019 - Q2
S009	D	Jourdan Road Sewer force Mains	Sewer Force Main Replacement Jourdan Rd (Hayne Blvd to Interstate I-10)	$6,372,891.38	Design	2018 - Q1	2019 - Q4
S021	A	SFG Equipment Purchase & Install	Replace Valves and Actuators for SFG Filter Operations.	$4,200,000.00	Design		
S022	A	Inspection of Turbine 5	Inspection of electrical generators and turbine controls.	$491,203.00	Design	2018 - Q2	2019 - Q2
S026	C, D, E, A, B	Sewer Catch-all (various locations)	Misc Katrina repairs, various locations	$3,649,798.60	Design	2018 - Q3	2019 - Q2
S027	C, D, E, A, B	Sewer Collection Systems Hydraulic Model Update E/W	Hydraulic modeling for sewer collection systems on eastbank and westbank	$2,507,700.00	Design	2014 - Q3	2018 - Q3
S068	C	SPS-A Switchgear Retrofit	Retrofitting the medicum voltate 60 Hz switchgear at SPS-A	$150,000.00	Design	2018 - Q1	2018 - Q2
W001	A	Sludge Line to the River	36" sludge line from plant to river.	$6,150,000.00	Design	2018 - Q1	2019 - Q4
W002	A	Structural Improvements	Structural rehab to Sycamore Filter Gallery pipe supports.	$863,500.00	Design	2017 - Q3	2018 - Q1
W013	A	Water Hammer HMP - Panola/Pump Room	Restoration of Panola water pump station.	$21,406,455.51	Design	2021 - Q2	2023 - Q4
W014	A	Water Hammer HMP - Claiborne/Off Site	Restoration of Claiborne water pump station.	$16,906,455.49	Design	2019 - Q2	2021 - Q4
W017	A	SFG Backwash Pumping Facility	Construct New Backwash Pumping Facility & Modify SFG Piping	$6,390,500.00	Design	2017 - Q4	2018 - Q4
W018	C	Algiers Filters	Restoration of Filters from Hurricane Katrina Damage.	$800,000.00	Design	2017 - Q3	2018 - Q4
W020	C	Arc Flash Analysis, Assessment of Storage Tank Mixing, and Lauder Trough Replacement	Upgrades to drainage mixing electrical system.	$6,117,258.50	Design	2018 - Q1	2019 - Q4

Water Sewerage Drainage Combo/Power Joint Project Emergency Repair Note: Joint Projects are part of the Joint Infrastructure Program with the City of New Orleans, with DPW as facilitator.

ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
W021	C, A	Tank Mixing Study, Design, Implementation	Upgrades to drainage mixing system. Relying on completion of CV17-0003	$3,117,258.50	Design	2019 - Q1	2020 - Q3
W023	C	Algiers water tanks	Repairs to Algiers Water Tank from Hurricane Katrina Damage.	$300,000.00	Design	2017 - Q2	2017 - Q4
W026	A	Claiborne Filter Rehab	Restoration of Filters from Hurricane Katrina Damage.	$2,400,000.00	Design	2017 - Q3	2018 - Q4
W027	A	River Intake Stations	Restoration from Hurricane Katrina Damage.	$3,149,227.38	Design	2017 - Q4	2018 - Q2
W031	B	Rehabilitation of Clarifier #2	Restoration of Clarifiers # 2.	$1,349,140.41	Design	2017 - Q3	2018 - Q3
W033	E	BISI Sludge Dryer Installation	Installation of New Sludge Dryer	$4,233,994.36	Design	2018 - Q1	2019 - Q2
W046	A	SWBNO Resiliency Complex	Renovations to Head House, Engineering Building & new infill structure.	$23,171,363.67	Design	2019 - Q1	2022 - Q2
W047	A	S Carrollton Bulk Chemical Storage & Feed Facility	Design and construction of a storage facility	$6,094,665.04	Design	2018 - Q1	2019 - Q3
DPW577		Virginia St (Conte-Rosedale) Conti St (City Park - Rosedale), Rosedale Dr (Virginia-Canal Blvd)			Planning		
DPW594		Bullard Ave (Hayne - Chef Menteur)			Planning		
RR001	B	RR3 - Audubon Group A (PMOPI)	Replace identified damaged water main segments in Audubon.	$2,018,616.64	Planning	2018 - Q1	2019 - Q2
RR003	C, A	RR3 - Bayou St John, Fairgrounds, Seventh Ward Group A (INC)	Replace identified damaged water main segments in Bayou St. John.	$2,723,286.57	Planning	2018 - Q1	2018 - Q4
RR004	D, A	RR3 - Bayou St John, Fairgrounds, Seventh Ward Group B (PMOPC)	Replace identified damaged water main segments in Bayou St. John.	$7,340,739.00	Planning	2018 - Q2	2019 - Q2
RR008	B	RR3 - Black Pearl Group B (FRC)	Replace identified damaged water main segments in Black Pearl.	$2,062,817.00	Planning	2018 - Q4	2019 - Q4
RR009	B	RR3 - Black Pearl, East Carrollton Group A (PMOPI)	Replace identified damaged water main segments in Black Pearl.	$5,291,153.09	Planning	2018 - Q1	2019 - Q2
RR010	B	RR3 - Broadmoor Group A (PMOPI)	Replace identified damaged water main segments in Broadmoor.	$2,430,091.96	Planning	2018 - Q1	2019 - Q2
RR011	A, B	RR3 - Broadmoor Group C (FRC)	Replace identified damaged water main segments in Broadmoor.	$1,546,363.00	Planning	2018 - Q3	2019 - Q3
RR014	A, B	RR3 - BW Cooper, Gert Town, Dixon Group A (PMOI)	Replace identified damaged water main segments in B. W. Copper.	$1,662,141.05	Planning	2018 - Q3	2019 - Q3
RR015	A, B	RR3 - BW Cooper, Gert Town, Dixon Group B (PMOI)	Replace identified damaged water main segments in B. W. Copper.	$3,874,373.04	Planning	2018 - Q4	2019 - Q4
RR020	C	RR3 - Bywater-Marigny Group A (FRCPI)	Replace identified damaged water main segments in Bywater & Marigny.	$1,439,912.92	Planning	2018 - Q2	2019 - Q2
RR021	B	RR3 - Central City Group A (FRC)	Replace identified damaged water main segments in Central City.	$1,848,431.00	Planning	2019 - Q2	2020 - Q2
RR025	A	RR3 - City Park Group A (VAR)	Replace identified damaged water main segments in City Park.	$2,060,348.76	Planning	2018 - Q3	2019 - Q4

Water Sewerage Drainage Combo/Power Joint Project Emergency Repair Note: Joint Projects are part of the Joint Infrastructure Program with the City of New Orleans, with DPW as facilitator.

ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
RR035	B	RR3 - East Riverside, Garden District, Irish Channel, St Thomas Group A (PMOI)	Replace identified damaged water main segments in East Riverside.	$1,305,819.38	Planning	2018 - Q4	2019 - Q4
RR038	D	RR3 - Filmore North Group B (FRC)	Replace identified damaged water main segments in Filmore.	$1,543,905.00	Planning	2018 - Q2	2019 - Q2
RR043	D	RR3 - Filmore South Group B (FRC)	Replace identified damaged water main segments in Filmore.	$1,517,716.00	Planning	2018 - Q2	2019 - Q2
RR046	D	RR3 - Florida Area & Dev Group A (PMOI)	Replace identified damaged water main segments in Florida Area.	$1,542,785.00	Planning	2018 - Q4	2019 - Q4
RR050	B	RR3 - Ferret Group A (PMOI)	Replace identified damaged water main segments in Ferret.	$628,841.34	Planning	2018 - Q1	2018 - Q2
RR062	A	RR3 - Hollygrove Group B (PMOPC)	Replace identified damaged water main segments in Hollygrove.	$2,858,155.00	Planning	2018 - Q3	2019 - Q4
RR067	A	RR3 - Hollygrove, Leonidas Group A (INC)	Replace identified damaged water main segments in Hollygrove.	$4,664,604.90	Planning	2018 - Q1	2018 - Q2
RR072	D	RR3 - Lake Terrace & Oaks Group D (FRC)	Replace identified damaged water main segments in Lake Terrace & Oaks	$1,576,692.00	Planning	2018 - Q4	2019 - Q4
RR073	D	RR3 - Lake Vista Group A (PMOPI)	Replace identified damaged water main segments in Lakeshore - Lake Vista	$89,765.00	Planning	2018 - Q1	2019 - Q1
RR085	A	RR3 - Lakeview North Group C (PMO)	Replace identified damaged water main segments in Lakeview.	$1,209,362.00	Planning	2018 - Q4	2019 - Q4
RR097	A	RR3 - Leonidas Group B (PMOPC)	Replace identified damaged water main segments in Leonidas.	$3,593,289.44	Planning	2018 - Q2	2019 - Q2
RR100	D, E	RR3 - Little Woods Group A (PMOPI)	Replace identified damaged water main segments in Little Woods.	$3,153,467.75	Planning	2018 - Q3	2019 - Q4
RR104	E	RR3 - LNW Northeast Group B (FRCP)	Replace identified damaged water main segments in Lower Ninth Ward-North.	$3,298,230.00	Planning	2018 - Q4	2019 - Q4
RR109	E	RR3 - LNW Northwest Group B (FRC)	Replace identified damaged water main segments in Lower Ninth Ward-North.	$1,989,420.00	Planning	2018 - Q3	2019 - Q3
RR112	E	RR3 - LNW South Group A (PMOI)	Replace identified damaged water main segments in Lower Ninth Ward-South.	$2,084,230.61	Planning	2018 - Q3	2019 - Q3
RR116	A, B	RR3 - Marlyville-Fontainebleau Group A (PMOPI)	Replace identified damaged water main segments in Marlyville - Fontainebleau.	$8,192,262.31	Planning	2017 - Q4	2018 - Q4
RR118	A, B	RR3 - Marlyville-Fontainebleau Group C (FRC)	Replace identified damaged water main segments in Marlyville - Fontainebleau.	$1,005,459.00	Planning	2018 - Q4	2019 - Q4
RR124	A, B	RR3 - Mid-City Group A (INC)	Replace identified damaged water main segments in Mid - City.	$1,774,872.94	Planning	2017 - Q4	2018 - Q3
RR125	A, B	RR3 - Mid-City Group B (PMOPC)	Replace identified damaged water main segments in Mid - City.	$7,804,991.00	Planning	2018 - Q4	2019 - Q4
RR129	B	RR3 - Milan Group A (PMOPI)	Replace identified damaged water main segments in Milan.	$1,059,758.70	Planning	2018 - Q3	2019 - Q3
RR131	D	RR3 - Milneburg Group B (FRC)	Replace identified damaged water main segments in Milneburg.	$1,992,715.00	Planning	2018 - Q4	2019 - Q4

Water | Sewerage | Drainage | Combo/Power | Joint Project | Emergency Repair | Note: Joint Projects are part of the Joint Infrastructure Program with the City of New Orleans, with DPW as facilitator.

ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
RR132	A	RR3 - Navarre Group A (FRCPI)	Replace identified damaged water main segments in Navarre.	$892,848.79	Planning	2018 - Q1	2019 - Q1
RR134	D	RR3 - Pines Village Group B (FRC)	Replace identified damaged water main segments in Pines Village.	$882,104.00	Planning	2018 - Q2	2019 - Q2
RR138	E	RR3 - Plum Orchard/West Lake Forest Group A (PMOPI)	Replace identified damaged water main segments in Pines Orchard.	$2,475,099.24	Planning	2019 - Q2	2020 - Q3
RR139	E	RR3 - Plum Orchard/West Lake Forest Group B (PMOPI)	Replace identified damaged water main segments in Pines Orchard.	$2,425,491.23	Planning	2018 - Q4	2019 - Q4
RR140	D	RR3 - Pontchartrain Park Group A (PMOI)	Replace identified damaged water main segments in Pontchartrain Park.	$2,184,038.94	Planning	2018 - Q1	2019 - Q1
RR145	E	RR3 - Read Blvd East Group B (PC)	Replace identified damaged water main segments in Read Blvd East.	$51,257.00	Planning	2018 - Q1	2019 - Q1
RR146	E	RR3 - Read Blvd East Group C (PC)	Replace identified damaged water main segments in Read Blvd East.	$72,113.00	Planning	2018 - Q3	2019 - Q3
RR147	E	RR3 - Read Blvd East Group D (PMOPC)	Replace identified damaged water main segments in Read Blvd East.	$420,476.00	Planning	2018 - Q2	2019 - Q2
RR153	E	RR3 - Read Blvd West Group C (PMOPC)	Replace identified damaged water main segments in Read Blvd West.	$3,737,067.00	Planning	2018 - Q1	2019 - Q1
RR159	D	RR3 - St. Anthony Group A (PMOPI)	Replace identified damaged water main segments in St. Anthony.	$4,098,827.78	Planning	2019 - Q2	2020 - Q2
RR165	D	RR3 - St. Bernard Group A (VAR)	Replace identified damaged water main segments in St. Bernard Area.	$1,115,298.59	Planning	2018 - Q2	2019 - Q2
RR166	C, D	RR3 - St. Claude Group A (PMOI)	Replace identified damaged water main segments in St. Claude.	$1,908,457.45	Planning	2017 - Q4	2018 - Q4
RR167	C, D	RR3 - St. Claude Group B (PMOI)	Replace identified damaged water main segments in St. Claude.	$644,710.00	Planning	2018 - Q3	2019 - Q3
RR168	C, D	RR3 - St. Claude Group C (FRC)	Replace identified damaged water main segments in St. Claude.	$2,227,242.00	Planning	2018 - Q2	2019 - Q2
RR170	C, D	RR3 - St. Claude Group E (FRC)	Replace identified damaged water main segments in St. Claude.	$1,940,361.00	Planning	2018 - Q3	2019 - Q3
RR180	C, D	RR3 - St. Roch South Group A (PMOI)	Replace identified damaged water main segments in St. Roch.	$2,100,888.70	Planning	2018 - Q4	2019 - Q4
RR181	C, D	RR3 - St. Roch South Group B (FRC)	Replace identified damaged water main segments in St. Roch.	$2,219,453.70	Planning	2018 - Q2	2019 - Q2
RR183	C, D	RR3 - Treme-Lafitte Group B (FRCPP)	Replace identified damaged water main segments in Treme - Lafitte.	$1,896,266.00	Planning	2018 - Q4	2019 - Q4
RR186	E	RR3 - Viavant-Lake Catherine Group C (VAR)	Replace identified damaged water main segments in Viavant.	$3,427,816.04	Planning	2018 - Q3	2019 - Q3
RR188	E	RR3 - Village de L'Est Group B (PMOPC)	Replace identified damaged water main segments in Village de L'Est.	$1,517,969.00	Planning	2018 - Q2	2019 - Q2

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ID	Council District	Name	Scope	Budget	Current Project Phase	Est Start Qtr	Est Complete Qtr
RR189	E	RR3 - Village de L'Est Group C (FRC)	Replace identified damaged water main segments in Village de L'Est.	$2,036,421.00	Planning	2018 - Q4	2019 - Q4
RR194	A	RR3 - West End Group B (FRC)	Replace identified damaged water main segments in West End.	$1,702,714.00	Planning	2018 - Q3	2019 - Q4
S025	A	Network Extensions and replacement of sewer FM	sewer FM replacement on Memphis (from Filmore to Lane St)	$1,700,000.00	Planning	2018 - Q3	2019 - Q3

Water Sewerage Drainage Combo/Power Joint Project Emergency Repair Note: Joint Projects are part of the Joint Infrastructure Program with the City of New Orleans, with DPW as facilitator.

SEWERAGE AND WATER BOARD
Inter-Office Memorandum

Date: December 5, 2017

To: Marina Kahn, Chief Financial Officer

From: Rosita P. Thomas, Finance Administrator RPT.

Re: 2017 INDEPENDENT FINANCIAL AUDITING SERVICES

ATTN: Jasmin Lawrence

The Request for Proposal (RFP) for Independent Financial Auditing Services was advertised in the local journal and Sewerage and Water Board's website on Wednesday, 11/08/2017.

A mandatory pre-bid conference was held on Friday, 11/17/2017 at 10:00am in the Sewerage and Water Board of New Orleans' Board Room. Four (4) CPA firms were in attendance at the mandatory pre-bid conference.

One RFP response was received from the bidder, Postlethwaite & Netterville CPA firm 11/30/2017. Bruno and Tervalon CPA firm was selected as the DBE participant with 45% participation on this contract.

The total all-inclusive prices for the 2017 Independent Financial Auditing Services Contract, with four (4) year annual renewals, are as follows:

Calendar year 2017 - $117,000;
Calendar year 2018 - $120,000;
Calendar year 2019 - $123,000;
Calendar year 2020 - $126,000;
Calendar year 2021 - $129,000.

These amounts are within the allocated annual budgeted cost.

On Tuesday, 12/05/2017, the Audit Services Evaluation Team recommended the proposal of Postlethwaite & Netterville/Bruno & Tervalon CPA Firms for the independent financial auditing services to the Audit Committee, the Finance and Administration Committee and the full Board for approval.

ORAL PRESENTATION

December 12, 2017

Billing Issues

Billing Project Objectives

1. Reduce the number of calls each month.
2. Simplify customer appeal process.
3. Resolve customer billing issues in a timely manner.
4. Improve meter reading capabilities. Currently do not have enough resources to read all meters in all cycles.

Plan to Resolve Issues

1. Create training materials for the new process.
2. Train SWBNO staff on process changes.
3. Eliminate steps in process and reduce paperwork.
4. Improve utilization of the installed technology by reducing manual tasks and eliminate duplications.
5. Will move to provide meter reading once each quarter thereby reducing the number of consecutive estimated bills.
6. Improve CSM billing system which is complex & requires navigating to multiple screens by acquiring a compatible software to simplify & streamline the process.

BILLING ERROR CLEANUP

- Approximately 6,000 accounts have not been billed for several months
  - We are programmatically correcting these bills and notifying the customers in writing
  - These accounts will be rectified by December 30, 2017

- There are 4,993 accounts pending an investigation/account review
  - 208 were completed the week of 12/4/17
  - 4,785 open account investigations remain

- There will always be a number of accounts under investigation. Our goal is to reduce that to less than 1% of our 135,000 accounts

2018 OPERATING BUDGET

WHEREAS, the Sewerage and Water Board has reviewed the Recommended 2018 Operating Budget of which **$87,470,785** is for the Water Department, **$93,858,640** is for the Sewerage Department, and **$51,445,909** is for the Drainage Department for a Total Operation and Maintenance Expense Budget of **$232,775,334**; and

WHEREAS, it is the intent of the Board that the Executive Director maintain budgetary controls by divisions; and

WHEREAS, the authorized divisions Operating budgets for 2018 are:

Divisions	2018 BUDGET
Executive Director	$1,550,990
Special Counsel	3,382,702
Security	15,352,932
Continuous Improvement	271,583
Communications	1,638,972
Administration	16,948,472
Gen. Supt. Operations	136,275,809
Finance	35,635,617
Gen. Supt. Construction	14,264,371
Logistics	20,395,398
Overhead	(12,941,512)
TOTAL Operation and Maintenance Expense	**$232,775,334**

NOW THEREFORE BE IT RESOLVED that the Sewerage and Water Board of New Orleans does hereby approve the 2018 Operating and Maintenance Budget in the amount of **$232,775,334.**

I, Bruce Adams, 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 a Regularly Monthly Meeting of said Board, duly called and held, according to law on December 20, 2017.

Bruce Adams
ITERIM EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

SEWERAGE & WATER BOARD
OF NEW ORLEANS

Recommended 2018 OPERATING BUDGET

Sewerage & Water Board of New Orleans
2018 Operating Budget
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Sewerage and Water Board of New Orleans 2018 Operating Budget By System

		A	B	C	D
		Water	Sewerage	Drainage	Total
	Operating Revenues:				
1	Revenues from Charges	$105,248,728	$129,335,888	$0	$234,584,616
2	Other Operating Revenues	3,474,075	923,402	0	4,397,477
3	Adjustment for Uncollectible Accounts	(2,104,975)	(2,586,718)	0	(4,691,693)
4	Total Operating Revenues	106,617,828	127,672,572	0	234,290,400
	Operating Expenses:				
5	Operating & Maintenance Expenses	87,470,785	93,858,640	51,445,909	232,775,334
6	Depreciation & Allowances Expenses (non- cash)	15,957,000	22,360,000	21,550,000	59,867,000
7	Pension Liability Adjustment Expenses (non-cash)	3,333,333	3,333,333	3,333,333	10,000,000
8	Total Operating Expense	106,761,119	119,551,973	76,329,242	302,642,334
9	Net Operating Income	(143,291)	8,120,599	(76,329,242)	(68,351,934)
	Non-Operating Revenues (Expenses)				
10	Tax Revenues	0	0	53,966,337	53,966,337
11	Interest Income	764,213	466,420	154,347	1,384,981
12	Other Non-Operating Revenues	822,605	921,843	1,321,260	3,065,709
13	FEMA Expense Reimbursement	1,646,300	1,646,300	0	3,292,601
14	Total Non-Operating Revenues	3,233,119	3,034,564	55,441,944	61,709,627
	Non-Operating Expenses:				
15	Interest Expense - Series 2011 Bonds	0	65,607	0	65,607
16	Interest Expense - Series 2014 Bonds	5,033,000	5,717,450	283,350	11,033,800
17	Interest Expense - Series 2015 Bonds	4,940,550	5,000,000	0	9,940,550
18	LADEQ Loan	0	0	0	0
19	Go Zone Interest Expense	0	0	0	0
20	Capitalized Interest	(9,973,550)	(10,717,450)	(283,350)	(20,974,350)
21	Total Non-Operating Expenses	$ -	65,607	0	65,607
22	Net Income	$3,089,828	$11,089,556	($20,887,298)	($6,707,915)

Sewerage and Water Board of New Orleans
2018 Operating Budget
Comparisons of 2016 Budget, 2017 Budget, 2018 Budget

		A 2016 Budget	B 2017 Budget	C 2018 Budget
	Operating Revenues:			
1	Revenues from Charges	$190,126,837	$208,259,600	$234,584,616
2	Other Operating Revenues	4,378,212	5,575,200	4,397,477
3	Total Operating Revenues	194,505,049	213,834,800	234,290,400
	Operating Expenses:			
4	Operating & Maintenance Expenses	173,453,200	189,060,446	232,775,334
5	Depreciation and Allowances	52,312,933	63,087,793	59,867,000
6	Pension Liability Adjustment	11,000,000	21,000,000	10,000,000
7	Total Operating Expenses	236,766,133	273,148,239	302,642,334
8	Net Operating Income	(42,261,084)	(59,313,439)	(68,351,934)
	Non-Operating Revenues			
9	Tax Revenues	56,639,535	53,966,337	53,966,337
10	Interest Income	67,802	1,350,200	1,384,981
11	Other Non-Operating Revenues	1,831,718	1,841,600	3,065,709
12	FEMA Expense Reimbursement	0	4,390,134	3,292,601
13	Total Non-Operating Revenues and FEMA	58,539,055	61,548,271	61,709,627
	Non-Operating Expenses:			
14	Interest Expense - Series 2011 Bonds	0	0	65,607
15	Interest Expense - Series 2014 Bonds	0	11,833,875	11,033,800
16	Interest Expense - Series 2015 Bonds	0	9,940,550	9,940,550
17	LADEQ Loan	0	69,663	0
18	Go Zone Interest Expense	0	2,328,488	0
19	Capitalized Interest	0	(21,774,425)	(20,974,350)
20	Total Non-Operating Expenses	0	2,398,151	65,607
21	Net Income	$16,277,971	($163,319)	($6,707,915)

Sewerage and Water Board of New Orleans
Key Metrics from 2018 Operating Budget

		Water	Sewer	Drainage	Total
	Cash Generated From Operations				
1	Net Income	3,089,828	11,089,556	(20,887,298)	9,906,302
2	Plus Depreciation and Allowances	15,957,000	22,360,000	21,550,000	45,664,833
3	Post Retirement Medical Expenses	3,333,333	3,333,333	3,333,333	9,500,000
4	Less Capitalized Interest	(9,973,550)	(10,783,057)	(283,350)	(10,464,944)
5	Bond Principal Payments	3,360,000	12,356,000	1,745,000	(16,175,000)
6	**Total Cash Generated From Operations**	15,766,611	38,355,832	5,457,685	38,431,191

		Water	Sewer	Drainage
7	Total Operating Revenue	$106,617,828	$127,672,572	$0
8	Total Non-Operating Revenue	$3,233,119	$3,034,564	$55,441,944
9	Total Revenue	$109,850,947	$130;707,136	$55,441,944
10	Operating and Maintenace Expense	($87,470,785)	($93,858,640)	($51,445,909)
11	Cash Available for Debt Service	$22,380,162	$36,848,496	$3,996,035

		Water	Sewer
	Debt Service Coverage		
12	Net Operating Income	(143,291)	8,120,599
13	Other Non-Operating Revenues	3,233,119	3,034,564
14	Depreciation and Allowances	15,957,000	22,360,000
15	Post Retirement Medical Expenses	3,333,333	3,333,333
16	Cash Available for Debt Service	22,380,161	36,848,496
17	Debt Service (Principal and Interest)	13,333,550	23,139,057
18	Debt Service Coverage Times	1.68	1.59

Sewerage and Water Board 2018 Operating and Maintenance Expense Summary
By Division and System

		A	B	C	D
	Division	Water	Sewerage	Drainage	2018 Recommended
1	Executive Director	$ 526,765	$ 714,028	$ 310,198	$ 1,550,990
2	Special Counsel	$ 1,048,916	$ 1,322,245	$ 1,011,540	$ 3,382,702
3	Security	$ 6,141,173	$ 6,141,173	$ 3,070,586	$ 15,352,932
4	Continuous Improvement	$ 90,528	$ 90,528	$ 90,528	$ 271,583
5	Communications	$ 655,589	$ 655,589	$ 327,794	$ 1,638,972
6	Administration	$ 6,779,389	$ 6,779,389	$ 3,389,694	$ 16,948,472
7	General Supt./Operations	$ 51,889,114	$ 50,608,572	$ 33,778,123	$ 136,275,809
8	Finance	$ 13,437,326	$ 17,347,136	$ 4,851,155	$ 35,635,617
9	General Supt./Construction	$ 3,940,069	$ 6,969,169	$ 3,355,134	$ 14,264,371
10	Logistics	$ 7,691,957	$ 7,758,159	$ 4,945,281	$ 20,395,398
11	Overhead	$ (4,730,040)	$ (4,527,347)	$ (3,684,125)	$ (12,941,512)
13	Total Operation & Maintenance	$ 87,470,785	$ 93,858,640	$ 51,445,909	$ 232,775,334

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
I.	**Executive Director**				
0010	Executive Director	$280,895	$468,158	$187,263	$936,315
0082	Internal Audit	$245,870	$245,870	$122,935	$614,675
	Total Executive Director	$526,765	$714,028	$310,198	$1,550,990
II.	**Special Counsel**				
0020	Legal Department	$624,494	$1,040,823	$416,329	$2,081,646
0022	Customer Review Officer	$47,500	$47,500	$0	$95,000
0966	Drainage Damage Claims	$0	$0	$500,000	$500,000
0967	Water Damage Claims	$186,500	$0	$0	$186,500
0968	Sewerage Damage Claims	$0	$43,500	$0	$43,500
0250	Board Relations	$90,190	$90,190	$45,095	$225,476
0260	Records Management	$100,232	$100,232	$50,116	$250,580
	Total Special Counsel	$1,048,916	$1,322,245	$1,011,540	$3,382,702
III.	**Security**				
0011	Security	$2,089,050	$2,089,050	$1,044,525	$5,222,624
0055	Emergency Management	$355,443	$355,443	$177,721	$888,607
0081	Risk Management	$989,350	$989,350	$494,675	$2,473,376
0944	Fleet Insurance	$140,000	$140,000	$70,000	$350,000
0960	General Insurance	$1,200,000	$1,200,000	$600,000	$3,000,000
9550	Worker's Compensation	$53,200	$53,200	$26,600	$133,000
9960	Temporary Total Disability	$880,000	$880,000	$440,000	$2,200,000
9961	Permanent Partial Disability	$330,400	$330,400	$165,200	$826,000
9962	Permanent Total Disability	$103,730	$103,730	$51,865	$259,325
	Total Security	$6,141,173	$6,141,173	$3,070,586	$15,352,932

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
IV.	**Continuous Improvement**				
0012	Continuous Improvement	$90,528	$90,528	$90,528	$271,583
	Total Continuous Improvement	$90,528	$90,528	$90,528	$271,583
V.	**Communications**				
0013	Communications	$571,091	$571,091	$285,546	$1,427,728
0030	Community Relations	$84,498	$84,498	$42,249	$211,244
	Total Communications	$655,589	$655,589	$327,794	$1,638,972
VI.	**Administration**				
0050	Office of Equal Employment Opportunity	$123,460	$123,460	$61,730	$308,651
	Total EEO	$123,460	$123,460	$61,730	$308,651
	Personnel Administration				
0200	Human Resource Administration	$289,590	$289,590	$144,795	$723,975
0210	Recruitment & Classifications	$539,660	$539,660	$269,830	$1,349,149
0220	Medical Operations	$44,000	$44,000	$22,000	$110,000
0230	Training	$199,383	$199,383	$99,691	$498,457
0240	Benefits Administration	$98,663	$98,663	$49,332	$246,658
0982	United Way Fund Raising Campaign	$0	$0	$0	$0
	Total Personnel Administration	$1,171,296	$1,171,296	$585,648	$2,928,239

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
	Payroll Related				
9300	Hospitalization - Board's Contribution	$4,645,033	$4,645,033	$2,322,516	$11,612,582
9350	Employee Life Ins Contributions	$33,600	$33,600	$16,800	$84,000
9500	LUTA (Unemployment Tax)	$6,000	$6,000	$3,000	$15,000
9999	Terminal Leave	$800,000	$800,000	$400,000	$2,000,000
	Total Payroll Related	$5,484,633	$5,484,633	$2,742,316	$13,711,582
	Total Administration	$6,779,389	$6,779,389	$3,389,694	$16,948,472
VII.	**General Superintendent/Operations**				
1000	General Superintendent	$121,492	$202,486	$80,994	$404,972
	Total General Superintendent	$121,492	$202,486	$80,994	$404,972
	Operations - Drainage Pumping				
2100	Superintendent - Drainage Pumping	$0	$0	$7,475,337	$7,475,337
2200	Central Control	$0	$0	$1,281,356	$1,281,356
2300	Drainage Pumping Supervisor	$0	$0	$1,057,430	$1,057,430
2301	Unmanned DPS Maintenance	$0	$0	$325,784	$325,784
2302	DPS Maintenance - Employees	$0	$0	$367,024	$367,024
2310	Old City	$0	$0	$3,380,469	$3,380,469
2311	Station #1	$0	$0	$121,010	$121,010
2312	Station #2	$0	$0	$8,042	$8,042
2313	Station #3	$0	$0	$13,125	$13,125
2314	Station #4	$0	$0	$50,760	$50,760
2315	Station #5	$0	$0	$30,400	$30,400

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
2316	Station #6	$0	$0	$282,583	$282,583
2317	Station #7	$0	$0	$80,900	$80,900
2319	Station #19	$0	$0	$178,573	$178,573
2320	Algiers Drainage Operations	$0	$0	$782,039	$782,039
2321	Station #11	$0	$0	$439,438	$439,438
2330	Unmanned Drainage Stations	$0	$0	$1,055,430	$1,055,430
2331	Citrus #10	$0	$0	$40,100	$40,100
2332	Station #12	$0	$0	$4,938	$4,938
2333	Grant	$0	$0	$80,100	$80,100
2334	Jahncke #14	$0	$0	$90,200	$90,200
2335	Intra-Coastal #15	$0	$0	$300,100	$300,100
2336	St. Charles #16	$0	$0	$55,260	$55,260
2337	Elaine	$0	$0	$11,100	$11,100
2338	Maxent #18	$0	$0	$19,353	$19,353
2339	Dwyer	$0	$0	$75,000	$75,000
2340	Carrollton Frequency Changer	$0	$0	$55,570	$55,570
2341	AMID Drainage Pumping Station	$0	$0	$22,347	$22,347
2342	I-10 Underpass DPS	$0	$0	$83,400	$83,400
2343	Pritchard DPS	$0	$0	$14,400	$14,400
2347	Station D	$0	$0	$991,981	$991,981
2348	Underpass Station	$0	$0	$27,200	$27,200
2350	Permanent Pump Station Operation	$0	$0	$2,000,000	$2,000,000
	Total Drainage Pumping	$0	$0	$20,800,749	$20,800,749

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
	Sewerage Pumping				
2400	Sewerage Pumping Supervisor	$0	$1,486,002	$0	$1,486,002
2401	Sewer PS Maintenance - Employees	$0	$186,206	$0	$186,206
2411	Station A	$0	$665,450	$0	$665,450
2412	Automatic Stations-Algiers	$0	$273,409	$0	$273,409
2413	Maintenance Sewer Stations-Algiers	$0	$116,993	$0	$116,993
2430	Automatic Stations	$0	$848,722	$0	$848,722
	Total Sewerage Pumping	$0	$3,576,782	$0	$3,576,782
3000	Chief of Operations	$68,195	$113,659	$45,463	$227,317
		$68,195	$113,659	$45,463	$227,317
	Water Pumping and Power				
3100	Superintendent	$668,680	$1,114,467	$445,787	$2,228,934
3102	Shift Employees N.O. River Intake	$830,189	$0	$0	$830,189
3103	Intake Maintenance/N.O. River Station	$204,397	$0	$0	$204,397
3111	Boiler Operations	$628,685	$628,685	$314,342	$1,571,712
3112	Boiler Room Maintenance Employees	$273,204	$273,204	$136,602	$683,009
3113	Drainage High Pressure Gas	$0	$0	$2,500,000	$2,500,000
3114	Water High Pressure Gas	$8,300,000	$0	$0	$8,300,000
3115	Sewer High Pressure Gas	$0	$198,693	$0	$198,693
3130	Pumping Operations	$1,452,308	$0	$0	$1,452,308
3131	Water Pumping Maintenance Personnel	$223,572	$0	$0	$223,572
3135	Steam Turbine Generators	$341,802	$341,802	$170,901	$854,506
3136	Gas Turbine Generators	$154,278	$154,278	$77,139	$385,694
3137	Maintenance Employees for Generators	$0	$305,946	$305,946	$611,892
3150	Station C	$0	$907,323	$0	$907,323
3151	Minor Maintenance Employees Station C	$0	$415,065	$0	$415,065
3152	Materials & Supplies-O&M Algiers Station	$363,186	$0	$0	$363,186
	Total Water Pumping & Power	$13,440,301	$4,339,462	$3,950,717	$21,730,480

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
	Purification				
3200	Superintendent	$361,084	$0	$0	$361,084
3210	Laboratory	$1,239,978	$0	$0	$1,239,978
3220	Carrollton (Supervisor)	$410,983	$0	$0	$410,983
3221	Chemical House	$611,830	$0	$0	$611,830
3222	Dorr Unit	$168,992	$0	$0	$168,992
3223	Maintenance and Relief-MWP	$573,711	$0	$0	$573,711
3224	Chemicals (New Orleans)	$4,823,100	$0	$0	$4,823,100
3225	Reservoir Washing-Labor	$2,000	$0	$0	$2,000
3226	Sycamore Filters	$854,017	$0	$0	$854,017
3227	Mtce Employees/Sycamore Filters	$724,942	$0	$0	$724,942
3228	Mtce Employees/Claiborne Filters	$148,850	$0	$0	$148,850
3229	Claiborne Filters	$374,122	$0	$0	$374,122
3231	Water Tower	$8,250	$0	$0	$8,250
3240	Algiers (Supervisor)	$143,861	$0	$0	$143,861
3241	Maintenance & Relief-AWP	$553,047	$0	$0	$553,047
3242	Head House	$502,295	$0	$0	$502,295
3243	Filter #2	$405,874	$0	$0	$405,874
3244	Chemicals (Algiers)	$613,660	$0	$0	$613,660
	Total Purification	$12,520,596	$0	$0	$12,520,596
	Sewerage Treatment				
3300	Superintendent Sewerage Treatment	$0	$14,107,061	$0	$14,107,061
	Total Superintendent Sewerage Treatment	$0	$14,107,061	$0	$14,107,061
	Total Operations	$26,150,583	$22,339,450	$24,877,924	$73,367,957

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
	Facility Maintenance				
4000	Chief of Facility Maintenance	$210,856	$351,426	$140,570	$702,852
4100	Electrical Maintenance Superintendent	$367,567	$612,612	$245,045	$1,225,224
4110	Outside System	$286,970	$478,283	$191,313	$956,566
4120	In Plant System	$286,651	$477,752	$191,101	$955,504
4130	Communications	$254,310	$423,851	$169,540	$847,701
4260	Plant Maintenance	$2,182,789	$3,637,981	$1,455,192	$7,275,962
4270	Meter Repairs	$513,917	$513,917	$0	$1,027,833
4300	Mechanical Maintenance Superintendent	$478,902	$798,171	$319,268	$1,596,341
4310	Carrollton	$504,510	$840,850	$336,340	$1,681,700
4320	Field Crews	$385,532	$642,554	$257,021	$1,285,107
4330	Welding & Fabrication	$566,776	$944,626	$377,850	$1,889,252
4340	Diesel/Emer Pwr Maint- Tech Svc	$126,061	$210,102	$84,041	$420,204
	Total Facility Maintenance	$6,164,840	$9,932,123	$3,767,283	$19,864,246
	Networks				
6000	Chief of Networks	$494,958	$494,958	$247,479	$1,237,396
6001	Zone One	$1,383,255	$1,383,255	$691,628	$3,458,138
6002	Zone Two	$862,998	$862,998	$431,499	$2,157,496
6003	Zone Three	$1,026,653	$1,026,653	$513,326	$2,566,632
6004	Zone Four	$1,282,712	$1,282,712	$641,356	$3,206,781
6005	Zone Five	$1,177,192	$1,177,192	$588,596	$2,942,980
6006	Zone Six	$908,180	$908,180	$454,090	$2,270,449
6007	Zone Seven	$1,450,651	$1,450,651	$725,326	$3,626,628
6010	Field Service Center	$486,066	$486,066	$243,033	$1,215,164
6430	Leak Detections	$283,600	$283,600	$141,800	$709,000
6500	Network's Technical Services	$909,567	$909,567	$454,783	$2,273,917
6600	OPSB	$0	$0	$0	$0
6611	Rigid Paving	$103,000	$103,000	$0	$206,000
6612	Asphalt Paving	$100,000	$100,000	$0	$200,000
6620	Non-FEMA Water Paving & Point Repair	$8,510,187	$0	$0	$8,510,187
6621	Non-FEMA Sewer Paving & Point Repair	$0	$7,273,496	$0	$7,273,496
	Total Networks	$18,979,019	$17,742,328	$5,132,916	$41,854,264

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
	Plumbing				
8000	Plumbing	$359,319	$359,319	$0	$718,637
8010	Cross Connection Control	$44,114	$44,114	$0	$88,228
8100	House Connections	$54,210	$54,210	$0	$108,420
8200	Field/Account Review Unit	$137,029	$137,029	$0	$274,057
	Total Plumbing	$594,671	$594,671	$0	$1,189,342
	Total General Superintendent/Operations	$51,889,114	$50,608,572	$33,778,123	$136,275,809
VIII.	**Chief Financial Officer**				
	Chief Financial Officer				
0014	Chief Financial Officer	$182,650	$304,417	$121,767	$608,833
0016	Office of Chief Investment Officer	$67,400	$112,334	$44,933	$224,667
0937	Professional Memberships and Dues	$39,000	$65,000	$26,000	$130,000
0981	Bond Cost of Issuance	$0	$0	$0	$0
0984	New Strategic Initiatives	$600,000	$1,000,000	$400,000	$2,000,000
9450	Compensation Changes	$600,000	$1,000,000	$400,000	$2,000,000
		$1,489,050	$2,481,750	$992,700	$4,963,500
0060	Planning & Budget	$280,182	$280,182	$140,091	$700,454
	Total Planning & Budget	$280,182	$280,182	$140,091	$700,454
	Finance				
0083	Inventory Control	$77,294	$77,294	$38,647	$193,236
0300	Finance Administration	$299,344	$299,344	$149,672	$748,361
0320	Payroll	$244,316	$244,316	$122,158	$610,791
0340	Customer Accounting	$81,588	$81,588	$40,794	$203,971
0350	Accounting	$681,214	$681,214	$340,607	$1,703,036
0910	Pension Related Expense	$28,000	$28,000	$14,000	$70,000
	Total Finance	$1,411,758	$1,411,758	$705,879	$3,529,395

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
	Information Systems				
0405	Information Systems	$31,420	$62,840	$31,420	$125,680
0450	Computer Center	$2,239,624	$4,479,249	$2,239,624	$8,958,497
0451	44	$0	$0	$0	$0
0460	Records and Data Management	$375	$750	$375	$1,500
	Total Information Systems	$2,271,419	$4,542,839	$2,271,419	$9,085,677
	Revenue				
0500	Revenue & Customer Service Admin.	$355,785	$355,785	$0	$711,570
0501	Customer Relations	$71,070	$71,070	$0	$142,139
0902	Water Service Assistance Program	$162,500	$162,500	$0	$325,000
0502	Revenue Administration - Mailroom	$578,664	$578,664	$0	$1,157,328
0503	Customer Accounts Review	$96,975	$96,975	$0	$193,950
	Total Revenue	$1,264,994	$1,264,994	$0	$2,529,987
	Billing & Accounts				
0506	Sanitation	$122,888	$122,888	$0	$245,775
0510	Billings	$75,918	$75,918	$0	$151,836
0511	Billing Review & Commercial Accts	$320,993	$320,993	$0	$641,986
0512	Bill Adjustments	$401,175	$401,175	$0	$802,349
0519	Credits & Collections	$266,615	$266,615	$0	$533,229
	Total Billing & Accounts	$1,187,588	$1,187,588	$0	$2,375,175
	Customer Service				
0520	Cashier	$481,008	$481,008	$0	$962,016
0530	Customer Service Administration	$102,734	$102,734	$0	$205,467
0531	Customer Service -Walk Ins	$496,500	$496,500	$0	$993,000
0532	Customer Service - Westbank Office	$41,550	$41,550	$0	$83,100
0533	Customer Service Telephone	$564,983	$564,983	$0	$1,129,966
0534	Customer Service-Mail Resolving	$220,876	$220,876	$0	$441,751
0535	Emergency Telephone Center	$121,007	$121,007	$60,504	$302,518
0536	Service Request Contract Center	$69,744	$69,744	$34,872	$174,361
	Total Customer Service	$2,098,402	$2,098,402	$95,376	$4,292,179

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
	Meter Service				
0540	Meter Reading & Investigations	$2,465,400	$2,465,400	$0	$4,930,799
0541	Customer Service Satellite New Orleans East	$0	$0	$0	$0
	Total Meter Service	$2,465,400	$2,465,400	$0	$4,930,799
	Project Delivery Unit				
0065	Project Delivery Unit	$968,535	$1,614,226	$645,690	$3,228,451
		$968,535	$1,614,226	$645,690	$3,228,451
	Total Chief Financial Officer	$13,437,326	$17,347,136	$4,851,155	$35,635,617
IX	**Deputy General Superintendent/Construction**				
0015	Construction	$803,151	$1,338,585	$535,434	$2,677,170
	Total Construction	$803,151	$1,338,585	$535,434	$2,677,170
0070	Environmental Compliance	$482,865	$1,207,162	$724,297	$2,414,324
	Total Environmental Compliance	$482,865	$1,207,162	$724,297	$2,414,324
7000	Chief of Engineering	$54,353	$90,589	$36,235	$181,177
7010	Program Management - CIP	$197,846	$329,743	$131,897	$659,485
7100	Mechanical Engineering	$358,855	$598,092	$239,237	$1,196,183
7200	Electrical Engineering	$1,111,581	$1,852,635	$741,054	$3,705,270
7210	Cathodic Protection	$13,766	$22,943	$9,177	$45,886
7300	Construction & Inspection	$171,975	$286,625	$114,650	$573,250
7310	Engineering Field Inspection	$282,754	$471,256	$188,502	$942,512
7400	Network Engineering	$318,599	$530,998	$212,399	$1,061,995
7500	Civil Engineering	$144,326	$240,543	$96,217	$481,085
7800	Drainage Engineering	$0	$0	$326,034	$326,034
	Total Engineering	$2,654,053	$4,423,422	$2,095,403	$9,172,877
	Total Deputy General Superintendent/Construction	$3,940,069	$6,969,169	$3,355,134	$14,264,371

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
X	**Logistics**				
	EDBP				
0040	Economically Disadvantaged Business Prog.	$228,221	$228,221	$114,110	$570,552
	Total EDBP	$228,221	$228,221	$114,110	$570,552
	Logistics				
0600	Logistics	$187,155	$187,155	$93,577	$467,887
	Logistics	$187,155	$187,155	$93,577	$467,887
	Purchasing				
0700	Purchasing	$265,787	$265,787	$132,894	$664,468
0710	Printing	$73,890	$73,890	$36,945	$184,725
	Total Purchasing	$339,677	$339,677	$169,839	$849,193
	Support Services				
0800	Director of Support Services	$66,202	$132,404	$132,404	$331,009
	Total Support Services	$66,202	$132,404	$132,404	$331,009
	Department of Building & Grounds				
0801	Administration Building - St. Charles	$417,796	$417,796	$208,898	$1,044,491
0805	Administration Building - Central Yd.	$84,430	$84,430	$42,215	$211,076
0811	Building Maintenance	$798,254	$798,254	$399,127	$1,995,636
0815	Grounds Maintenance	$868,108	$868,108	$434,054	$2,170,270
0820	Canal Maintenance & Dredging	$0	$0	$1,000,000	$1,000,000
0830	Equipment Mtce. Information Systems	$310,577	$310,577	$155,288	$776,442
0840	Central Yard Garage	$2,394,948	$2,394,948	$1,197,474	$5,987,371
0841	Satellite Garage	$572,892	$572,892	$286,446	$1,432,230
845	Body Shop	$681,349	$681,349	$340,674	$1,703,372
0850	Warehouse and Grounds	$662,348	$662,348	$331,174	$1,655,869
0853	Bulk Materials	$80,000	$80,000	$40,000	$200,000
	Total Building & Grounds	$6,870,703	$6,870,703	$4,435,351	$18,176,757
	Total Logistics	$7,691,957	$7,758,159	$4,945,281	$20,395,398

Sewerage and Water Board of New Orleans
2018
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
XI	**Overhead Allocation**				
0996	Water O/H CP#820	(4,730,040)	0	0	(4,730,040)
0997	Drainage O/H CP#820	0	0	(3,684,125) $	(3,684,125)
0998	Sewerage O/H CP#820	0	(4,527,347)	0 $	(4,527,347)
	Total Overhead	$ (4,730,040.00) $	(4,527,347.00) $	(3,684,125.00) $	(12,941,512.00)
	Total Operating and Maintenance	$87,470,785	$93,858,640	$51,445,909	$232,775,334
XII	**Other Operating Expenses**				
5001	Drainage Non-Cash Expense	$0	$0	$21,550,000	$21,550,000
5002	Water Non-Cash Expense	$15,957,000	$0	$0	$15,957,000
5003	Sewerage Non-Cash Expense	$0	$22,360,000	$0	$22,360,000
	Total Depreciation (Non-Cash)	$15,957,000	$22,360,000	$21,550,000	$59,867,000
9100	Pension Liability Adjustment	3,333,333	3,333,333	3,333,333	$10,000,000
		$3,333,333	$3,333,333	$3,333,333	$10,000,000
	Total Other Non-Cash Expenses	$19,290,333	$25,693,333	$24,883,333	$69,867,000
	Total 2018 Operating Expenses	$106,761,119	$119,551,973	$76,329,242	$302,642,334

Sewerage and Water Board of New Orleans Operating and Maintenance Budget
Comparison 2016 Budget, 2017 Budget, 2018 Recommended
(WATER)

		A 2016 Budget	B 2017 Budget	C 2018 Water
	Operating Revenues:			
1	Revenues from Charges	$ 85,302,302	$94,466,300	$105,248,728
2	Other Operating Revenues	$ 3,454,810	4,651,800	3,474,075
3	Adjustment for Uncollectible Accounts			(2,104,975)
4	**Total Operating Revenues**	$ 88,757,112	99,118,100	106,617,828
	Operating Expenses:			
5	Operating & Maintenance Expenses	$ 74,301,129	74,437,130	87,470,785
6	Depreciation & Allowances Exp. (non- cash)	$ 19,455,000	14,130,571	15,957,000
7	Other Operating Expense (non-cash)	$ 3,666,667	7,000,000	3,333,333
8	**Total Operating Expenses**	$ 97,422,796	95,567,701	106,761,119
9	**Net Operating Income**	$ (8,665,684)	3,550,399	(143,291)
	Non-Operating Revenues (Expenses):			
10	Tax Revenues	$ -	0	0
11	Interest Income	$ -	340,200	764,213
12	Other Non-Operating Revenues	$ 400,501	$ 400,500	822,605
13	FEMA Expense Reimbursement	$ -	$ 2,195,067	1,646,300
14	**Total Non-Operating Revenues**	$ 400,501	$ 2,935,767	3,233,119
	Non-Operating Expenses:			
15	Interest Expense - Series 2011 Bonds	0	0	0
16	Interest Expense - Series 2014 Bonds	0	5,160,000	5,033,000
17	Interest Expense - Series 2015 Bonds	0	4,940,550	4,940,550
18	Go Zone Interest Expense	0	204,610	-
19	Capitalized Interest	0	(10,100,550)	(9,973,550)
20	**Total Non-Operating Expenses**	$ -	204,610	$ -
21	**Net Income**	$ (8,265,183)	$6,281,556	$3,089,828

Sewerage and Water Board of New Orleans 2018 Operating Budget
Water System Operating Revenues

	Account	Description	A 2016 Budget	B 2017 Budget	C 2018 Budget
		Water Sales			
1	4001	Residential Sales	$43,036,484	$47,659,879	$ 53,099,799.79
2	4004	Residential Multi-Family Sales	4,376,202	$4,846,336	$ 5,399,498.75
3	4007	Commercial Sales	35,607,205	$39,432,475	$ 43,933,316.34
4	4010	Industrial Sales	1,114,309	$1,234,019	$ 1,374,870.63
5	4028	Sewer Allowance	2,128	$2,357	$ 2,625.90
6	4012	Delinquent Fee - Water	1,165,974	$1,291,234	$ 1,438,616.11
			85,302,302	94,466,300	105,248,728
7		Adjustment for Uncollectible Accounts	0	0	(2,104,975)
			0	0	(2,104,975)
		Revenue Sharing			
8	4019	State Revenue Sharing	0	0	0
9		Total Revenue Sharing	0	0	0
		Plumbing Inspection and License Fees			
10	4022	Plumbing Inspection Fees	290,708	290,679	299,729
11	4025	Plumbing License Fees	9,021	9,021	19,265
12		Total Plumbing Fees	299,729	299,700	318,994
		Miscellaneous Revenues			
13		Other Revenue	3,155,081	4,155,100	3,155,081
14		Interest from Bond Reserve Fund	0	197,000	0
15		Total Miscellaneous Revenues	3,155,081	4,352,100	3,155,081
16		Total Water Other Operating Revenues	3,454,810	4,651,800	3,474,075
17		Total Water System Operating Revenues	$88,757,112	$99,118,100	$106,617,828

Sewerage and Water Board of New Orleans 2018 Operating Budget
Water System Non-Operating Revenues

	Account	Description	A 2016 Budget	B 2017 Budget	C 2018 Budget
		Interest Income			
1	7001	Interest Interest	0	340,200	0
2	7005	Excess Reser. Fund Interest	0	0	63,143
2	7009	Interest WRB	0	0	565,258
3	7010	Restricted Int. WRB	0	0	7,239
4	7011	Interest Income LGIP	0	0	21,731
5	7015	Interest Income Bond Premium	0	0	0
6	7041	Interest Customer Deposits LGIP	0	0	27,324
7	7047	Interest Income Customer DP MM	0	0	69,805
8	7050	Interest Income Health Reserve	0	0	9,712
9	7052	Interest Income Water Sys MM	0	0	0
10		Total Interest Income	0	340,200	764,213
		Other Income			
11	7101	NSF Fees	0	0	65,127
12	4019	Non-Operating Revenues	400,501	400,500	143,774
13	7105	Reconnect/Reset Fees	0	0	261,645
14	7205	Rental Income/Property	0	0	53,601
15	7501	Gain/Loss	0	0	0
16	7506	Damage/NE	0	0	13,311
17	7509	Delinquent Account Charge	0	0	0
18	7514	Sales of Plans & Specs	0	0	0
19	7521	Reimb Printing/Copies Charges	0	0	2,270
20	7525	Transfer from Revolving Fund	0	0	23,818
21	7527	Admin Fees/FEMA	0	0	25,286
22	7531	State Vend Comp Sales Tax	0	0	0
23	7534	Manage Competition RFP Fee	0	0	0
24	7537	Vendor Compensation Sales Tax	0	0	30,417
25	7539	Retiree Drug Subsidy	0	0	122,126
26	7550	S&WB Logo	0	0	3,838
27	7565	Legal Settlement	0	0	5,211
28	7590	Citation Administration Fees	0	0	17,395
29	7592	Vehicle Usage	0	0	26,578
30	7594	O & M Contrib. from Fema - Point Repairs	0	0	0
31	7997	Travel Reimbursement	0	0	499
32	7999	Blue Cross Reimb/Transfer	0	0	27,710
33		Total Other Income	400,501	400,500	822,605
		Reimbursements			
34	7585	FEMA Expen. Reimb./Misc Revenue Other	0	2,195,067	1,646,300
			0	2,195,067	1,646,300
		Total Water Non-Operating Revenues	400,501	2,935,767	3,233,119

Sewerage and Water Board of New Orleans 2018 Operating Budget
Comparison 2016 Budget, 2017 Budget, 2018 Recommended
(SEWER)

		2016 Budget	2017 Budget	2018 Sewer
	Operating Revenues:			
1	Revenues from Charges	$104,824,535	$113,793,300	$129,335,888
2	Other Operating Revenues	923,402	923,400	923,402
3	Adjustment for Uncollectible Accounts			(2,586,718)
4	Total Operating Revenues	105,747,937	114,716,700	127,672,572
	Operating Expenses:			
5	Operating & Maintenance Expenses	58,767,884	77,999,266	93,858,640
6	Depreciation & Allowances Exp. (non- cash)	16,005,720	25,586,523	22,360,000
7	Other Operating Expense (non-cash)	3,666,667	7,000,000	3,333,333
8	Total Operating Expenses	78,440,271	110,585,789	119,551,973
9	Net Operating Income	27,307,666	4,130,911	8,120,599
	Non-Operating Revenues (Expenses):			
10	Tax Revenues	0	0	0
11	Interest Income	0	644,000	466,420
12	Other Non-Operating Revenues	462,061	462,100	921,843
13	FEMA Expense Reimbursement	0	2,195,067	1,646,300
14	Total Non-Operating Revenues	462,061	3,301,167	3,034,564
15	Non-Operating Expenses:			
16	Interest Expense - Series 2011 Bonds	0	0	65,607
17	Interest Expense - Series 2014 Bonds	0	6,339,825	5,717,450
18	Interest Expense - Series 2015 Bonds	0	5,000,000	5,000,000
19	LADEQ Loan	0	69,663	-
20	Go Zone Interest Expense	0	1,993,578	-
21	Capitalized Interest	0	(11,339,825)	(10,717,450)
22	Total Non-Operating Expenses	0	2,063,241	65,607
23	Net Income	$27,769,727	$5,368,837	$11,089,556

Sewerage and Water Board of New Orleans Operating and Maintenance Budget
2018 Sewer System Operating Revenues

	Account	Description	2016 Budget	2017 Budget	2018 Budget
		Sewerage Sales			
1	4002	Residential Sales	58,126,920	63,100,247	71,718,866
2	4005	Residential Multi-Family Sales	5,003,158	5,431,227	6,173,057
3	4008	Commercial Sales	39,605,635	42,994,285	48,866,708
4	4011	Industrial Sales	471,067	511,371	581,217
5	4028	Sewer Allowance	2,421	2,629	2,988
6	4132	Excess Strength Charge	675,422	733,211	833,357
7	4013	Delinquent Fee Sewer	939,912	1,020,331	1,159,694
8		Total Sewer	104,824,535	113,793,300	129,335,888
9		Adjustment for Uncollectible Accounts	0	0	(2,586,718)
			0	0	(2,586,718)
		Revenue Sharing			
10		State Revenue Sharing	0	0	0
11		Total State Revenue Sharing Fees	0	0	0
		Plumbing Inspection and License Fees			
12	4022	Plumbing Inspection Fees	316,266	309,795	326,081
13	4025	Plumbing License Fees	9,815	16,305	13,505
14		Total Plumbing Fees	326,081	326,100	326,081
		Other Revenues			
15		Other Revenues	597,321	597,300	597,321
16		Total Other Revenues	597,321	597,300	597,321
17		Total Sewerage Other Operating Revs.	923,402	923,400	923,402
18		Total Sewerage Operating Revenues	$ 105,747,937	$ 115,647,300	$ 127,672,572

Sewerage and Water Board of New Orleans 2018 Operating Budget
Sewer System Non-Operating Revenues

	Account	Description	2016 Budget	2017 Budget	2018 Budget
		Interest Income			
1	7001	Interest Income	0	644,000	242
2	7005	Excess Reserve Fund Interest	0	0	95,617
3	7011	Interest Income LGIP	0	0	479
4	7015	Interest Income Bond Premium	0	0	0
5	7017	Interest SSRB New	0	0	188,968
6	7019	Restricted Int SSRB	0	0	21,334
7	7023	Restricted Int DEQ	0	0	1,792
8	7048	Interest Income Sewer Sys MM	0	0	150,224
9	7050	Interest Income Health Reserve	0	0	7,764
10		Total Interest Income	0	644,000	466,420
		Other Income			
11	7101	NSF Fees	0	0	0
12	4019	Non-Operating Revenues	462,061	462,100	179,314
13	7105	Reconnect/Reset Fees	0	0	261,645
14	7205	Rental Income Property	0	0	8,302
15	7506	Reimbursement Damage/Networks	0	0	0
16	7525	Transfer from Revolving Fund	0	0	0
17	7527	Administrative Fees	0	0	5,463
18	7539	Retiree Drug Subsidy	0	0	122,126
19	7545	Waste Disposal Fees	0	0	315,768
20	7590	Citation Admin Fees	0	0	6,683
21	7592	Vehicle Usage	0	0	22,543
22		Total Other Income	462,061	462,100	921,843
		Reimbursements			
23	7585	FEMA Expense Reimbursement	0	2,195,067	1,646,300
			-	2,195,067	1,646,300
24		Total Sewerage Non-Operating Revenues	462,061	3,301,167	3,034,564

Sewerage and Water Board of New Orleans 2018 Operating Budget
Comparison 2016 Budget, 2017 Budget, 2018 Recommended
(DRAINAGE)

		2016 Budget	2017 Budget	2018 Drainage
	Operating Revenues:			
1	Revenues from Charges	0	0	0
2	Other Operating Revenues	0	0	0
3	**Total Operating Revenues**	0	0	0
	Operating Expenses:			
4	Operating & Maintenance Expenses	40,384,187	36,624,050	51,445,909
5	Depreciation & Allowances Exp. (non- casl	16,852,213	23,370,699	21,550,000
6	Other Operating Expense (non-cash)	3,666,666	7,000,000	3,333,333
7	**Total Operating Expenses**	60,903,066	66,994,749	76,329,242
8	**Net Operating Income**	(60,903,066)	(66,994,749)	(76,329,242)
	Non-Operating Revenues (Expenses):			
9	Tax Revenues	56,639,535	53,966,337	53,966,337
10	Interest Income	67,802	366,000	154,347
11	Other Non-Operating Revenues	969,156	979,000	1,321,260
12	FEMA Expense Reimbursement	0	0	0
13	FEMA Force Accounts Reimbursement	0	0	0
14	**Total Non-Operating Revenues**	57,676,493	55,311,337	55,441,944
	Non-Operating Expenses:			
15	Interest Expense - Series 2011 Bonds	0	0	0
16	Interest Expense - Series 2014 Bonds	0	334,050	283,350
17	Interest Expense - Series 2015 Bonds	0	0	0
18	Go Zone Interest Expense	0	130,300	0
19	Capitalized Interest	0	(334,050)	(283,350)
20	**Total Non-Operating Expenses**	0	130,300	0
21	**Net Income**	(9,819,674)	(11,813,712)	(20,887,298)

Sewerage and Water Board of New Orleans Operating and Maintenance Budget
2018 Drainage System Non-Operating Revenues

	Account	Description	2016 Budget	2017 Budget	2018 Budget
		Ad Valorem Taxes			
1	4130	9 Mill Tax	24,338,108	23,475,190	23,475,190
2	4310	3 Mill Tax	16,064,530	14,829,936	14,829,936
3	4320	6 Mill Tax	16,236,897	15,661,211	15,661,211
4		Total Ad Valorem Tax	56,639,535	53,966,337	53,966,337
		Interest Income			
5	7015	Interest Income Bond Premium	0	366,000	0
6	7020	Restricted Int SELA	7,635	0	19,585
7	7025	Interest Drainage O&M	0	0	26,165
8	7029	Interest Drainage System 3 Mill	14,204	0	0
9	7033	Interest Drainage System 6 Mill	9,915	0	52,165
10	7037	Interest Drainage System 9 Mill	23,627	0	38,445
11	7045	Interest Income DOM MM	9,396	0	10,229
12	7050	Interest Income Health Reserve	3,025	0	7,759
13		Total Interest Income	67,802	366,000	154,347
		Other Income			
14	7205	Rental Income/Property	3,109	0	3,325
15	7401	Two Mill (3.65) Tax	2,386	0	2,530
16	7501	Other Income	0	979,000	0
17	7504	Reimbursement DPS # 6 & 11	853,044	0	1,163,245
18	7525	Tran Revo	0	0	0
19	7527	Administrative Fees	10,493	0	8,965
20	7539	Retiree Drug Subsidy	79,617	0	122,126
21	7545	Waste Disposal Fees	0	0	0
22	7565	Legal Settlement	0	0	0
23	7590	Citation Admin Fees	218	0	2,971
24	7592	Vehicle Usage	20,288	0	18,098
25		Total Other Income	969,155	979,000	1,321,260
		Reimbursements			
26	7585	FEMA Expense Reimbursement	0	0	0
			0	0	0
27	Total Drainage Other Operating Revenues		1,036,957	1,345,000	1,475,607
28	Total Drainage Non-Operating Revenues		57,676,492	55,311,337	55,441,944

SEWERAGE AND WATER BOARD OF NEW ORLEANS

December 18, 2017

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

Re: Financial Results through October 2017

Attached are *the Statement of Net Position and 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 October 2017. Also attached are The *Statement of Cash Flows,* the Cash in Days and Variance Indicators for Financial Results through October 2017.

Operating Revenues:

Water System Fund (pages 7 and 8, line 5) for October of $7,380,464 is $1,242,811 or 14.4% less than budgeted and $339,718 or 4.4% less than October 2016. October YTD operating revenues of $76,730,681 is $6,032,932 or 7.3% less than budgeted and $4,433,263 or 6.1% more than October YTD 2016.

Sewer System Fund (pages 13 and 14, line 5) for October of $9,139,488 is $840,865 or 8.4% less than budgeted and $128,104 or 1.4% less than October 2016. October YTD operating revenues of $92,232,661 is $3,555,784 or 3.7% less than budgeted and $4,361,259 or 5.0% more than October YTD 2016.

Drainage System Fund (pages 19 and 20, line 5) for October of $117,138 is $117,138 or 0.0% budgeted and $59,124 or 101.9% more than for October 2016. October YTD operating revenues of $256,322 is $256,322 or 0.0% budgeted and $350,817 or 57.8% less than October YTD 2016.

Total System Funds (pages 1 and 2, line 5) for October of $16,637,090 are $1,966,538 or 10.6% less than budgeted and $408,698 or 2.4% less than October 2016. October YTD operating revenues of $169,219,664 are $9,332,394 or 5.2% less than budgeted and $8,443,705 or 5.3% more than October YTD 2016.

Operating Expenses:

Water System Fund (pages 7 and 8, line 18) for October of $8,677,175 is $477,217 or 5.8% more than budgeted and $572,001 or 7.1% more than October 2016. October YTD operating expenses of $71,705,010 is $2,051,163 or 2.8% less than budgeted and $6,587,844 or 8.4% less than October YTD 2016.

Sewer System Fund (pages 13 and 14, line 18) for October of $7,535,412 is $1,909,081 or 20.2% less than budgeted and $469,127 or 6.6% more than October 2016. October YTD operating expenses of $67,425,358 is $17,986,393 or 21.1% less than budgeted and $6,715,180 or 11.1% more than October YTD 2016.

Drainage System Fund (pages 19 and 20, line 18) for October of $8,040,497 is $2,376,426 or 42.0% more than budgeted and $3,905,063 or 94.4% more than October 2016. October YTD operating expenses of $56,059,513 is $4,230,591 or 8.2% more than budgeted and $15,223,604 or 37.3% more than October YTD 2016.

Total System Funds (pages 1 and 2, line 18) for October of $24,253,084 are $944,562 or 4.1% more than budgeted and $4,946,191 or 25.6% more than October 2016. October YTD operating expenses of $195,189,882 is $15,806,965 or 7.5% less than budgeted and $15,350,939 or 8.5% more than October

YTD 2016.

Net Non-Operating Revenues:

Water System Fund (pages 7 and 8, line 28) for October of $57,431 is $41,044 or 250.5% more than budgeted and $14,767 or 20.5% less than October 2016. October YTD net non-operating revenues of $833,747 are $1,807,282 or 68.4% less than budgeted and $146,822 or 15.0% less than October YTD 2016.

Sewer System Fund (pages 13 and 14, line 28) for October of $30,937 is $23,510 or 316.5% more than budgeted and $4,997 or 13.9% less than October 2016. October YTD net non-operating revenues of $591,972 are $605,102 or 50.5% less than budgeted and $80,949 or 12.0% less than October YTD 2016.

Drainage System Fund (pages 19 and 20, line 28) for October of $271,297 is $59,789 or 18.1% less than budgeted and $103,035 or 61.2% more October 2016. October YTD net non-operating revenues of $55,682,859 are $2,322,797 or 4.4% more than budgeted and $1,782,594 or 3.3% more than October YTD 2016.

Total System Funds (pages 1 and 2, line 28) for October of $359,665 is $4,764 or 1.3% more than budgeted and $83,271 or 30.1% more than October 2016. October YTD net non-operating revenues of $57,108,579 are $89,587 or 0.2% less than budgeted and $1,554,823 or 2.8% more than October YTD 2016.

Income Before Contributions in Aid of Construction:

Water System Fund (pages 7 and 8, line 29) for October of -$1,239,280 is $1,678,984 or 381.8% less than budgeted and $926,485 or 296.2% less than October 2016. October YTD income before capital contributions of $5,859,418 is $5,789,051 or 49.7% less than budgeted and $10,874,286 or 216.8% more than October YTD 2016.

Sewer System Fund (pages 13 and 14, line 29) for October of $1,635,013 is $1,091,726 or 200.9% more than budgeted and $602,228 or 26.9% less than October 2016. October YTD income before capital contributions of $25,399,275 is $13,825,506 or 119.5% more than budgeted and $2,434,870 or 8.7% less than October YTD 2016.

Drainage System Fund (pages 19 and 20, line 29) for October of -$7,652,063 is $2,319,077 or 43.5% less than budgeted and $3,742,905 or 95.7% less than October 2016. October YTD income before capital contributions of -$120,331 is $1,651,472 or 107.9% less than budgeted and $13,791,827 or 100.9% less than October YTD 2016.

Total System Funds (pages 1 and 2, line 29) for October of -$7,256,329 is $2,906,335 or 66.8% less than budgeted and $5,271,618 or 265.6% less than October 2016. October YTD income before capital contributions of $31,138,361 is $6,384,984 or 25.8% more than budgeted and $5,352,411 or 14.7% less than October 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 October 31, 2017 are:

	Water	Sewer	Total
Original Balance	$2,057,845.73	-	$2,078,771.33
Less Disbursements	(2,052,845.73)	-	(2,052,845.73)
Plus Reimbursements	-	-	0.00
Plus Income	235.34	-	235.34
Ending Balance	$5,235.34	-	$26,160.94

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

	Water	Sewer	Total
Original Balance	$67,803,873.61	$15,571,624.59	$83,375,498.20
Less Disbursements	(8,500,000.00)	(6,500,000.00)	(15,000,000.00)
Plus Reimbursements	-	-	0.00
Plus Income	41,032.60	6,233.76	47,266.36
Ending Balance	$59,344,906.21	$9,077,858.35	$68,422,764.56

Total	$59,350,141.55	$9,077,858.35	$68,448,925.50

The days-of-cash at October 31, 2017 were 168.85 for the water system, 309.26 for the sewer system, 139.17 for the drainage system and 221.0 for the total systems. The total system results is well ahead of the minimum policy target of 180 days for the water, sewerage and drainage systems combined. Individually, the sewerage system met it's policy target of 180 days, whereas the water and drainage system did not meet it's target.

The projected coverage for the year ending December 31, 2017, based upon financial results through October 31, 2017, remains at the budgeted levels of 1.53 times for the water system and 2.14 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 October 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.

Rosita P. Thomas

Rosita Thomas
Finance Administrator

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
October 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	7,186,043	7,629,217	(443,174)	-5.8%	75,029,628	69,577,515	5,452,113	7.8%	1
2	Sewerage service charges and delinquent fees	9,078,310	9,214,258	(135,948)	-1.5%	91,507,363	87,172,023	4,335,340	5.0%	2
3	Plumbing inspection and license fees	43,640	45,260	(1,620)	-3.6%	491,170	537,420	(46,250)	-8.6%	3
4	Other revenues	329,097	157,053	172,044	109.5%	2,191,503	3,489,001	(1,297,498)	-37.2%	4
5	Total operating revenues	16,637,090	17,045,788	(408,698)	-2.4%	169,219,664	160,775,959	8,443,705	5.3%	5
	Operating Expenses:									
6	Executive Director	264,043	200,552	63,491	31.7%	1,676,813	1,559,129	117,685	7.5%	6
7	Special Counsel	127,231	185,451	(58,221)	-31.4%	1,526,630	1,237,005	289,625	23.4%	7
8	Security	962,823	467,122	495,701	106.1%	9,632,939	6,831,960	2,800,979	41.0%	8
9	Operations	13,349,877	9,953,260	3,396,617	34.1%	95,671,548	83,915,216	11,756,331	14.0%	9
10	Engineering	817,874	577,940	239,934	41.5%	6,323,408	4,846,578	1,476,830	30.5%	10
11	Logistics	1,191,866	1,052,513	139,353	13.2%	9,351,855	9,294,933	56,922	0.6%	11
12	Communications	27,035	23,336	3,699	15.8%	534,056	184,636	349,420	189.2%	12
13	Administration	786,565	397,019	389,546	98.1%	10,623,513	11,523,280	(899,767)	-7.8%	13
14	Chief Financial Officer	2,842,398	2,040,143	802,255	39.3%	18,518,025	15,737,560	2,780,465	17.7%	14
15	Continuous Improvement	8,431	22,074	(13,643)	-61.8%	126,828	68,460	58,368	85.3%	15
16	Overhead and Budget Adjustments	(1,541,255)	(1,131,277)	(409,978)	36.2%	(11,812,296)	(10,416,030)	(1,396,266)	13.4%	16
17	Subtotal	18,836,887	13,788,133	5,048,754	36.6%	142,173,319	124,782,727	17,390,592	13.9%	17
18	Non-Cash Operating Expenses	5,416,197	5,518,760	(102,562)	-1.9%	53,016,563	55,056,215	(2,039,652)	-3.7%	18
19	Total operating expenses	24,253,084	19,306,893	4,946,191	25.6%	195,189,882	179,838,942	15,350,939	8.5%	19
20	Operating income (loss)	(7,615,995)	(2,261,105)	(5,354,889)	236.8%	(25,970,217)	(19,062,983)	(6,907,234)	36.2%	20
	Non-operating revenues (expense):									
21	Two-mill tax	201	9	192	2111.8%	2,259	7,486	(5,228)	-69.8%	21
22	Three-mill tax	1	43,602	(43,601)	-100.0%	15,379,399	15,250,346	129,053	0.8%	22
23	Six-mill tax	104,197	44,071	60,126	136.4%	16,070,624	15,413,856	656,768	4.3%	23
24	Nine-mill tax	156,185	66,060	90,125	136.4%	24,089,093	23,104,682	984,411	4.3%	24
25	Interest income	99,098	122,652	(23,555)	-19.2%	1,269,566	1,484,762	(215,196)	-14.5%	25
26	Other Income	-	-	-	0.0%	296,165	267,886	28,279	10.6%	26
27	Interest expense	-	-	-	0.0%	-	-	-	0.0%	27
28	Operating and maintenance grants	(17)	-	(17)	0.0%	1,474	24,738	(23,264)	-94.0%	28
29	Total non-operating revenues	359,665	276,394	83,271	30.1%	57,108,579	55,553,756	1,554,823	2.8%	29
30	Income before capital contributions	(7,256,329)	(1,984,711)	(5,271,618)	265.6%	31,138,361	36,490,772	(5,352,411)	-14.7%	30
31	Capital contributions	5,319,526	4,221,189	1,098,336	26.0%	31,190,665	27,401,373	3,789,292	13.8%	31
32	Change in net position	(1,936,804)	2,236,479	(4,173,282)	-186.6%	62,329,026	63,892,145	(1,563,119)	-2.4%	32
33	Net position, beginning of year					2,228,421,948	2,082,688,315	145,733,633	7.0%	33
34	Net position, end of year					2,290,750,974	2,146,580,460	144,170,514	6.7%	34

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SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
October 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	7,186,043	8,218,568	(1,032,525)	-12.6%	75,029,628	78,879,361	(3,849,733)	-4.9%	1
2	Sewerage service charges and delinquent fees	9,078,310	9,900,017	(821,707)	-8.3%	91,507,363	95,017,406	(3,510,043)	-3.7%	2
3	Plumbing inspection and license fees	43,640	54,445	(10,805)	-19.8%	491,170	522,543	(31,373)	-6.0%	3
4	Other revenues	329,097	430,598	(101,501)	-23.6%	2,191,503	4,132,749	(1,941,246)	-47.0%	4
5	Total operating revenues	16,637,090	18,603,628	(1,966,538)	-10.6%	169,219,664	178,552,058	(9,332,394)	-5.2%	5
	Operating Expenses:									
6	Executive Director	264,043	142,337	121,707	85.5%	1,676,813	1,259,760	417,053	33.1%	6
7	Special Counsel	127,231	237,976	(110,746)	-46.5%	1,526,630	2,106,228	(579,598)	-27.5%	7
8	Security	962,823	999,552	(36,730)	-3.7%	9,632,939	8,846,613	786,326	8.9%	8
9	Operations	13,349,877	9,934,458	3,415,420	34.4%	95,671,548	87,925,659	7,745,889	8.8%	9
10	Engineering	817,874	1,143,498	(325,625)	-28.5%	6,323,408	10,120,617	(3,797,209)	-37.5%	10
11	Logistics	1,191,866	1,477,281	(285,416)	-19.3%	9,351,855	13,074,788	(3,722,933)	-28.5%	11
12	Communications	27,035	101,189	(74,154)	-73.3%	534,056	895,585	(361,529)	-40.4%	12
13	Administration	786,565	1,385,298	(598,734)	-43.2%	10,623,513	12,260,688	(1,637,175)	-13.4%	13
14	Chief Financial Officer	2,842,398	2,495,463	346,935	13.9%	18,518,025	22,086,281	(3,568,256)	-16.2%	14
15	Continuous Improvement	8,431	40,980	(32,548)	-79.4%	126,828	362,693	(235,865)	-65.0%	15
16	Overhead and Budget Adjustments	(1,541,255)	(1,509,774)	(31,481)	2.1%	(11,812,296)	(13,362,367)	1,550,071	-11.6%	16
17	Subtotal	18,836,887	16,448,259	2,388,628	14.5%	142,173,319	145,576,543	(3,403,224)	-2.3%	17
18	Non-Cash Operating Expenses	5,416,197	6,860,263	(1,444,066)	-21.0%	53,016,563	65,420,303	(12,403,740)	-19.0%	18
19	Total operating expenses	24,253,084	23,308,522	944,562	4.1%	195,189,882	210,996,846	(15,806,965)	-7.5%	19
20	Operating income (loss)	(7,615,995)	(4,704,895)	(2,911,100)	61.9%	(25,970,217)	(32,444,788)	6,474,571	-20.0%	20
	Non-operating revenues (expense):									
21	Two-mill tax	201	-	201	0.0%	2,259	-	2,259	0.0%	21
22	Three-mill tax	1	88,980	(88,979)	-100.0%	15,379,399	14,340,548	1,038,851	7.2%	22
23	Six-mill tax	104,197	93,967	10,230	10.9%	16,070,624	15,144,391	926,233	6.1%	23
24	Nine-mill tax	156,185	140,851	15,334	10.9%	24,089,093	22,700,509	1,388,585	6.1%	24
25	Interest income	99,098	8,101	90,996	1123.2%	1,269,566	1,305,643	(36,078)	-2.8%	25
26	Other Income	-	11,050	(11,050)	-100.0%	296,165	1,780,827	(1,484,663)	-83.4%	26
27	Interest expense	-	(14,389)	14,389	-100.0%	-	(2,319,012)	2,319,012	-100.0%	27
28	Operating and maintenance grants	(17)	26,341	(26,357)	-100.1%	1,474	4,245,260	(4,243,785)	-100.0%	28
29	Total non-operating revenues	359,665	354,901	4,764	1.3%	57,108,579	57,198,166	(89,587)	-0.2%	29
30	Income before capital contributions	(7,256,329)	(4,349,994)	(2,906,335)	66.8%	31,138,361	24,753,378	6,384,984	25.8%	30
31	Capital contributions	5,319,526	-	5,319,526	0.0%	31,190,665	-	31,190,665	0.0%	31
32	Change in net position	(1,936,804)	(4,349,994)	2,413,190	-55.5%	62,329,026	24,753,378	37,575,649	151.8%	32
33	Net position, beginning of year					2,228,421,948	2,082,688,315	145,733,633	7.0%	33
34	Net position, end of year					2,290,750,974	2,084,219,455	206,531,519	9.9%	34

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

		A	B	C	D	E	F	G	
	Assets	Prior			Current			Beginning of	
	Noncurrent assets:	Year	Variance	%	Year	Variance	%	Year	
1	Property, plant and equipment	3,482,738,862	309,756,643	8.9%	3,792,495,505	643,428,116	20.4%	3,149,067,389	1
2	Less: accumulated depreciation	921,268,225	46,538,983	5.1%	967,807,208	138,739,100	16.7%	829,068,108	2
3	Property, plant, and equipment, net	2,561,470,637	263,217,660	10.3%	2,824,688,297	504,689,016	21.8%	2,319,999,281	3
	Restricted cash, cash equivalents, and investments								
4	Cash and cash equivalents restricted for capital projects	181,506,578	(94,217,419)	-51.9%	87,289,159	(6,113,316)	-6.5%	93,402,475	4
5	Debt service reserve	81,602,171	4,541,125	5.6%	86,143,296	55,296,337	179.3%	30,846,959	6
6	Health insurance reserve	1,867,498	240,000	12.9%	2,107,498	129,999	6.6%	1,977,499	7
7	Total restricted cash, cash equivalents, and investments	264,976,247	(89,436,294)	-33.8%	175,539,953	49,313,020	39.1%	126,226,933	8
	Designated cash, cash equivalents, and investments								
8	Cash and cash equivalents designated for capital projects	90,500,176	(40,754,475)	-45.0%	49,745,701	27,496,044	123.6%	22,249,657	8
9	Customer deposits	11,528,910	865,854	7.5%	12,394,764	1,692,909	15.8%	10,701,855	9
10	Other	4,130,315	(214,952)	-5.2%	3,915,363	(83,908)	-2.1%	3,999,271	10
11	Total designated cash and cash equivalents, and investments	106,159,401	(40,103,573)	-37.8%	66,055,828	29,105,045	78.8%	36,950,783	11
	Current assets:								
	Unrestricted and undesignated								
12	Cash and cash equivalents	37,343,107	11,933,528	32.0%	49,276,635	10,398,439	26.7%	38,878,196	12
	Accounts receivable:								
13	Customers (net of allowance for doubtful accounts)	22,661,031	13,800,006	60.9%	36,461,037	20,109,756	123.0%	16,351,281	13
14	Taxes	8,044,268	1,818,994	22.6%	9,863,262	1,732,315	21.3%	8,130,947	14
15	Interest	58	-	0.0%	58	58	0.0%	-	15
16	Grants	52,338,938	18,989,935	36.3%	71,328,873	27,082,719	61.2%	44,246,154	16
17	Miscellaneous	4,295,816	435,421	10.1%	4,731,237	2,329,011	97.0%	2,402,226	17
18	Due from enterprise fund	(608,221)	935,254	-153.8%	327,033	327,033	0.0%	-	18
19	Inventory of supplies	5,303,745	(547,551)	-10.3%	4,756,194	(710,907)	-13.0%	5,467,101	19
20	Prepaid expenses	1,379,165	(761,355)	-55.2%	617,810	(284,907)	-31.6%	902,717	20
21	Total unrestricted current assets	130,757,907	46,604,232	35.6%	177,362,139	60,983,517	52.4%	116,378,622	21
	Other assets:								
22	Bond issue costs	-	-	0.0%	-	-	0.0%	-	22
23	Deposits	51,315	-	0.0%	51,315	-	0.0%	51,315	23
24	Total other assets	51,315	-	0.0%	51,315	-	0.0%	51,315	24
25	TOTAL ASSETS	3,063,415,507	180,282,025	5.9%	3,243,697,532	644,090,598	24.8%	2,599,606,934	25
	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%	-	26
27	Deferred loss on bond refunding	3,954,869	(352,552)	-8.9%	3,602,317	(705,077)	-16.4%	4,307,394	27
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	28
29	TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	3,086,450,406	177,753,981	-5.1%	3,264,204,387	660,290,059	400.9%	2,603,914,328	29

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

		A	B	C	D	E	F	G	
	NET ASSETS AND LIABILITIES	**Prior Year**	**Variance**	**%**	**Current Year**	**Variance**	**%**	**Beginning of Year**	
	Net position								
1	**Net investments in capital assets**	2,044,897,662	285,197,996	13 9%	2,330,095,658	317,035,281	15 7%	2,013,060,377	1
2	**Restricted for Debt Service**	81,602,171	4,541,125	5 6%	86,143,296	55,296,337	179 3%	30,846,959	2
3	**Unrestricted**	20,080,627	(145,568,606)	-724.9%	(125,487,979)	(50,379,999)	67.1%	(75,107,980)	3
4	**Total net position**	2,146,580,460	144,170,515	6.7%	2,290,750,975	321,951,619	16 4%	1,968,799,356	4
	Long-term liabilities								
5	**Claims payable**	2,490,568	(939,873)	-37 7%	1,550,695	(1,043,459)	-40 2%	2,594,154	5
6	**Net pension obligation**	81,498,720	3,478,971	4 3%	84,977,691	67,102,631	375.4%	17,875,060	6
7	**Other postretirement benefits liability**	72,100,077	4,494,304	6 2%	76,594,381	15,385,636	25.1%	61,208,745	7
8	**Bonds payable (net of current maturities)**	502,731,633	(20,423,475)	-4 1%	482,308,158	188,628,254	64.2%	293,679,904	8
9	**Special Community Disaster Loan Payable**	-	-	0.0%	-	-	0.0%	-	9
10	**Southeast Louisiana Project liability**	115,703,588	48,291,920	41 7%	163,995,508	97,339,532	146.0%	66,655,976	10
11	**Debt Service Assistance Fund Loan payable**	57,230,725	(4,627,616)	-8 1%	52,603,109	(9,050,030)	-14.7%	61,653,139	11
12	**Total long-term liabilities**	831,755,311	30,274,230	3 6%	862,029,541	358,362,563.44	71.2%	503,666,978	12
	Current liabilities (payable from current assets)								
13	**Accounts payable and other liabilities**	17,867,784	(3,036,678)	-17.0%	14,831,106	(31,898,042)	-68 3%	46,729,148	13
14	**Due to City of New Orleans**	860,194	47,852	5 6%	908,046	747,874	466 9%	160,172	14
15	**Disaster Reimbursement Revolving Loan**	11,288,564	(352,088)	-3 1%	10,936,476	(6,958,565)	-38 9%	17,895,041	15
16	**Retainers and estimates payable**	9,196,178	601,113	6 5%	9,797,291	1,851,016	23.3%	7,946,275	16
17	**Due to other fund**	130,534	17,280	13.2%	147,814	(145,856)	-49.7%	293,670	17
18	**Accrued salaries, vacation and sick pay**	12,837,022	(1,107,231)	-8 6%	11,729,791	550,008	4 9%	11,179,783	18
19	**Claims payable**	10,682,013	4,972,066	46 5%	15,654,079	5,434,040	53 2%	10,220,039	19
20	**Debt Service Assistance Fund Loan payable**	4,422,414	205,202	4 6%	4,627,616	401,724	9 5%	4,225,892	20
21	**Advances from federal government**	7,614,621	(1,689,865)	-22 2%	5,924,756	(232,793)	-3.8%	6,157,549	21
22	**Other Liabilities**	483,467	76,008	15 7%	559,475	485,266	653 9%	74,209	22
23	**Total current liabilities (payable from current assets)**	75,382,791	(266,341)	-0 4%	75,116,450	(29,765,328)	-28.4%	104,881,778	23
	Current liabilities (payable from restricted assets)								
24	**Accrued interest**	2,768,828	(532,730)	-19.2%	2,236,098	(245,580)	-9 9%	2,481,678	24
25	**Bonds payable**	14,827,000	2,800,000	18 9%	17,627,000	4,368,000	32 9%	13,259,000	25
26	**Retainers and estimates payable**	682,208	970,917	142 3%	1,653,125	1,529,442	1236 6%	123,683	26
27	**Customer deposits**	11,528,910	865,854	7.5%	12,394,764	1,692,909	15.8%	10,701,855	27
28	**Total current liabilities (payable from restricted assets**	29,806,946	4,104,041	13.8%	33,910,987	7,344,771	27.6%	26,566,216	28
29	**Total current liabilities**	105,189,737	3,837,700	3 6%	109,027,437	(22,420,557)	-17.1%	131,447,994	29
30	**Total liabilities**	936,945,048	(789,916)	-0.1%	971,056,978	335,942,006	52 9%	635,114,972	30
	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%	-	31
32	**TOTAL DEFERRED INFLOWS OF RESOURCES**	2,924,898	(528,465)	-18.1%	2,396,433	2,396,433	0 0%	-	32
33	**Total Net Position, Liabilities and Deferred Inflows of Resources**	3,086,450,406	143,380,599	4.6%	3,264,704,386	660,290,058	25.4%	2,603,914,328	33

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

		A	B	C	D	
		YTD	YTD	YTD		
		Current Year	Prior Year	Variance	%	
	Cash flows from operating activities					
1	Cash received from customers	155,759,601	113,145,270	42,614,331	37.7%	1
2	Cash payments to suppliers for goods and services	(110,717,034)	(72,722,837)	(37,994,197)	52.2%	2
3	Cash payments to employees for services	(58,487,381)	(45,000,965)	(13,486,416)	30.0%	3
4	Other revenue	4,011,188	799,641	3,211,547	401.6%	4
5	Net cash used in operating activities	(9,433,624)	(3,778,891)	(5,654,734)	149.6%	5
	Cash flows from noncapital financing activities					
6	Proceeds from property taxes	55,837,536	51,470,225	4,367,311	8.5%	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	55,837,536	51,470,225	4,367,311	8.5%	9
	Cash flows from capital and related financing activities					
10	Acquisition and construction of capital assets	(119,434,303)	(47,232,998)	(72,201,305)	152.9%	10
11	Principal payments on bonds payable	(234,120)	-	(234,120)	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 ecrow agent	-	-	-	0.0%	14
15	Interest paid on bonds payable	440,574	1,914,542	(1,473,968)	-77.0%	15
16	Proceeds from construction fund, net	(814,519)	(2,727,318)	1,912,799	-70.1%	16
17	Capital contributed by developers and federal grants	18,640,361	21,688,988	(3,048,627)	-14.1%	17
18	Net cash used in capital and related financing activities	(101,402,006)	(26,356,786)	(75,045,220)	284.7%	18
	Cash flows from investing activities					
19	Payments for purchase of investments	-	-	-	0.0%	19
20	Proceeds from maturities of investments	(24,219,902)	-	(24,219,902)	0.0%	20
21	Investment income	1,269,563	1,185,086	84,477	7.1%	21
22	Net cash provided by investing activities	(22,950,339)	1,185,086	(24,135,425)	-2036.6%	22
23	Net increase in cash	(77,948,434)	22,519,634	(100,468,068)	-446.1%	23
24	Cash at the beginning of the year	338,593,950	386,695,888	(48,101,938)	-12.4%	24
25	Cash at the end of the period	260,645,518	409,215,521	(148,570,003)	-36.3%	25
	Reconciliation of cash and restricted cash					
26	Current assets - cash	49,276,643	24,526,662	24,749,981	100.9%	26
27	Current assets - designated	64,423,052	119,357,968	(54,934,916)	-46.0%	27
28	Restricted assets -cash	146,945,823	265,330,891	(118,385,068)	-44.6%	28
29	Total cash	260,645,518	409,215,521	(148,570,003)	-36.3%	29

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENTS OF CASH FLOWS
October 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	(25,970,210)	(12,719,091)	(13,251,119)	104.2%	1
	Adjustments to reconcile net operating loss to net cash used in operating activities:					
2	Depreciation	43,263,051	32,649,812	10,613,239	32.5%	2
3	Provision for claims	2,500,524	1,189,840	1,310,684	110.2%	3
4	Provision for (revision) doubtful accounts	1,845,700	1,387,825	457,875	33.0%	4
5	Amortization	-	-	-	0.0%	5
	Change in operating assets and liabilities:					
6	(Increase) decrease in customer and other receivables	(11,290,548)	(2,836,171)	(8,454,377)	298.1%	6
7	Increase in inventory	(0)	-	(0)	0.0%	7
8	Increase (decrease) in deferred outflows of resources related to net pension liability	0	-	0	0.0%	8
9	Increase (decrease) in prepaid expenses and other receivables	1,001,484	(1,732,224)	2,733,708	-157.8%	9
10	Decrease in net pension asset	-	-	-	0.0%	10
11	Increase (decrease) in accounts payable	(28,888,403)	(27,516,845)	(1,371,558)	5.0%	11
12	Increase (decrease) in accrued salaries, due to pension and accrued vacation and sick pay	2,603,431	(83,764)	2,687,195	-3208.1%	12
13	Increase in net other postretirement benefits liability	3,014,041	3,315,443	(301,402)	-9.1%	13
14	Increase (decrease) in net pension obligation	4,228,033	3,322,748	905,285	27.2%	14
15	Decrease in other liabilities	(1,740,727)	(756,445)	(984,282)	130.1%	15
16	Increase (decrease) in deferred inflows of resources related to net pension liability	-	-	-	0.0%	16
17	Net cash used in operating activities	(9,433,624)	(3,778,873)	(5,654,752)	149.6%	17

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
October 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	7,186,043	7,629,217	(443,174)	-5.8%	75,029,628	69,577,515	5,452,113	7.8%	1
2	Sewerage service charges and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	2
3	Plumbing inspection and license fees	21,820	28,000	(6,180)	-22.1%	249,820	274,080	(24,260)	-8.9%	3
4	Other revenues	172,601	62,964	109,636	174.1%	1,451,233	2,445,823	(994,590)	-40.7%	4
5	Total operating revenues	7,380,464	7,720,181	(339,718)	-4.4%	76,730,681	72,297,418	4,433,263	6.1%	5
	Operating Expenses:									
6	Executive Director	91,778	71,416	20,362	28.5%	588,357	547,177	41,181	7.5%	6
7	Special Counsel	43,111	48,203	(5,092)	-10.6%	502,281	396,688	105,593	26.6%	7
8	Security	375,106	187,497	187,609	100.1%	3,622,162	2,546,759	1,075,403	42.2%	8
9	Operations	5,208,866	4,529,750	679,116	15.0%	40,877,863	41,174,378	(296,515)	-0.7%	9
10	Engineering	265,839	196,824	69,016	35.1%	2,245,216	1,666,990	578,226	34.7%	10
11	Logistics	395,526	346,134	49,392	14.3%	3,028,746	3,084,502	(55,756)	-1.8%	11
12	Communications	9,012	7,779	1,233	15.8%	178,019	61,545	116,474	189.2%	12
13	Administration	359,011	176,170	182,841	103.8%	4,881,563	5,328,625	(447,062)	-8.4%	13
14	Chief Financial Officer	1,238,762	903,158	335,604	37.2%	8,117,165	6,854,430	1,262,735	18.4%	14
15	Continuous Improvement	2,810	7,358	(4,548)	-61.8%	42,276	22,820	19,456	85.3%	15
16	Overhead and Budget Adjustments	(553,718)	(412,150)	(141,568)	34.3%	(4,307,720)	(3,776,550)	(531,170)	14.1%	16
17	Non-Cash Operating Expenses	1,241,073	2,043,036	(801,963)	-39.3%	11,929,082	20,385,490	(8,456,408)	-41.5%	17
18	Total operating expenses	8,677,175	8,105,174	572,001	7.1%	71,705,010	78,292,855	(6,587,844)	-8.4%	18
19	Operating income (loss)	(1,296,711)	(384,993)	(911,718)	236.8%	5,025,671	(5,995,437)	11,021,108	-183.8%	19
	Non-operating revenues (expense):									
20	Two-mill tax	-	-	-	0.0%	-		-	0.0%	20
21	Three-mill tax	-	-	-	0.0%	-		-	0.0%	21
22	Six-mill tax	-	-	-	0.0%	-		-	0.0%	22
23	Nine-mill tax	-	-	-	0.0%	-		-	0.0%	23
24	Interest income	57,473	72,198	(14,725)	-20.4%	700,528	836,622	(136,093)	-16.3%	24
25	Other Income	-	-	-	0.0%	131,793	119,209	12,584	10.6%	25
26	Interest expense	-	-	-	0.0%	-		-	0.0%	26
27	Operating and maintenance grants	(42)	-	(42)	0.0%	1,426	24,738	(23,313)	-94.2%	27
28	Total non-operating revenues	57,431	72,198	(14,767)	-20.5%	833,747	980,569	(146,822)	-15.0%	28
29	Income before capital contributions	(1,239,280)	(312,795)	(926,485)	296.2%	5,859,418	(5,014,868)	10,874,286	-216.8%	29
30	Capital contributions	4,746,263	2,699,408	2,046,854	75.8%	21,659,784	12,076,131	9,583,653	79.4%	30
31	Change in net position	3,506,983	2,386,614	1,120,369	46.9%	27,519,202	7,061,263	20,457,939	289.7%	31
32	Net position, beginning of year					337,110,237	318,792,375	18,317,862	5.7%	32
33	Net position, end of year					364,629,439	325,853,638	38,775,801	11.9%	33

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SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
October 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	7,186,043	8,218,568	(1,032,525)	-12.6%	75,029,628	78,879,361	(3,849,733)	-4.9%	1
2	Sewerage service charges and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	2
3	Plumbing inspection and license fees	21,820	26,074	(4,254)	-16.3%	249,820	250,250	(430)	-0.2%	3
4	Other revenues	172,601	378,633	(206,032)	-54.4%	1,451,233	3,634,004	(2,182,770)	-60.1%	4
5	Total operating revenues	7,380,464	8,623,275	(1,242,811)	-14.4%	76,730,681	82,763,614	(6,032,932)	-7.3%	5
	Operating Expenses:									
6	Executive Director	91,778	52,926	38,852	73.4%	588,357	468,424	119,933	25.6%	6
7	Special Counsel	43,111	75,758	(32,647)	-43.1%	502,281	670,506	(168,225)	-25.1%	7
8	Security	375,106	369,134	5,972	1.6%	3,622,162	3,267,048	355,115	10.9%	8
9	Operations	5,208,866	4,785,971	422,895	8.8%	40,877,863	42,358,598	(1,480,735)	-3.5%	9
10	Engineering	265,839	364,423	(98,584)	-27.1%	2,245,216	3,225,351	(980,136)	-30.4%	10
11	Logistics	395,526	492,718	(97,192)	-19.7%	3,028,746	4,360,835	(1,332,089)	-30.5%	11
12	Communications	9,012	33,730	(24,718)	-73.3%	178,019	298,528	(120,509)	-40.4%	12
13	Administration	359,011	628,364	(269,353)	-42.9%	4,881,563	5,561,378	(679,815)	-12.2%	13
14	Chief Financial Officer	1,238,762	1,099,356	139,406	12.7%	8,117,165	9,729,933	(1,612,767)	-16.6%	14
15	Continuous Improvement	2,810	13,660	(10,849)	-79.4%	42,276	120,898	(78,622)	-65.0%	15
16	Overhead and Budget Adjustments	(553,718)	(1,440,009)	886,291	-61 5%	(4,307,720)	(12,744,909)	8,437,190	-66.2%	16
17	Non-Cash Operating Expenses	1,241,073	1,723,928	(482,855)	-28.0%	11,929,082	16,439,584	(4,510,502)	-27.4%	17
18	Total operating expenses	8,677,175	8,199,958	477,217	5.8%	71,705,010	73,756,174	(2,051,163)	-2.8%	18
19	Operating income (loss)	(1,296,711)	423,317	(1,720,028)	-406.3%	5,025,671	9,007,440	(3,981,769)	-44.2%	19
	Non-operating revenues (expense):		-							
20	Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21	Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22	Six-mill tax	-	-	-	0 0%	-	-	-	0.0%	22
23	Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24	Interest income	57,473	2,041	55,432	2715.7%	700,528	328,973	371,555	112.9%	24
25	Other Income	-	2,403	(2,403)	-100.0%	131,793	387,284	(255,490)	-66.0%	25
26	Interest expense	-	(1,228)	1,228	-100.0%	-	(197,858)	197,858	-100.0%	26
27	Operating and maintenance grants	(42)	13,170	(13,212)	-100.3%	1,426	2,122,630	(2,121,204)	-99.9%	27
28	Total non-operating revenues	57,431	16,387	41,044	250.5%	833,747	2,641,029	(1,807,282)	-68.4%	28
29	Income before capital contributions	(1,239,280)	439,704	(1,678,984)	-381.8%	5,859,418	11,648,469	(5,789,051)	-49.7%	29
30	Capital contributions	4,746,263		4,746,263	0.0%	21,659,784		21,659,784	0.0%	30
31	Change in net position	3,506,983	439,704	3,067,279	697.6%	27,519,202				31
32	Net position, beginning of year					337,110,237	318,792,375	18,317,862	5.7%	32
33	Net position, end of year					364,629,439	318,792,375	45,837,064	14.4%	33

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SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR AND BEGINNING OF YEAR COMPARISONS
October 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	788,132,140	67,028,724	8 5%	855,160,864	137,115,101	19 1%	718,045,763	1
2	Less: accumulated depreciation	346,614,402	(436,610)	-0 1%	346,177,792	24,946,078	7 8%	321,231,714	2
3	Property, plant, and equipment, net	441,517,738	67,465,334	15 3%	508,983,072	112,169,023	28 3%	396,814,049	3
	Restricted cash, cash equivalents, and investments								
4	Cash and cash equivalents restricted for capital projects	109,492,983	(42,769,048)	-39.1%	66,723,935	8,297,167	14.2%	58,426,768	4
5	Debt service reserve	25,262,932	2,554,302	10.1%	27,817,234	17,595,135	172 1%	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	135,363,700	(40,102,642)	-29.6%	95,261,058	25,953,024	37 4%	69,308,034	7
	Designated cash, cash equivalents, and investments								
8	Cash and cash equivalents designated for capital projects	6,364,136	(694,100)	-10.9%	5,670,036	(2,246,216)	-28 4%	7,916,252	8
9	Customer deposits	11,528,910	865,854	7.5%	12,394,764	1,692,909	15.8%	10,701,855	9
10	Other	1,735,241	(102,463)	-5.9%	1,632,778	(42,982)	-2 6%	1,675,760	10
11	Total designated cash and cash equivalents, and investments	19,628,287	69,291	0.4%	19,697,578	(596,289)	-2 9%	20,293,867	11
	Current assets:								
	Unrestricted and undesignated								
12	Cash and cash equivalents	13,384,137	2,197,591	16.4%	15,581,728	3,378,121	21 7%	12,203,607	12
	Accounts receivable:								
13	Customers (net of allowance for doubtful accounts)	11,995,297	6,057,815	50.5%	18,053,112	9,419,543	52 2%	8,633,569	13
14	Taxes	-	-	0.0%	-	-	0.0%	-	14
15	Interest	-	-	0 0%	-	-	0.0%	-	15
16	Grants	26,666,958	16,891,908	63 3%	43,558,866	25,804,122	145.3%	17,754,744	16
17	Miscellaneous	575,960	(390,417)	-67 8%	185,543	(487,767)	-72 4%	673,310	17
18	Due from enterprise fund	(3,252,712)	(12,740,924)	391 7%	(15,993,636)	(7,681,966)	92.4%	(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	(253,785)	-39 6%	386,282	(94,969)	-19 7%	481,251	20
21	Total unrestricted current assets	53,545,894	11,422,553	21.3%	64,968,447	29,843,764	85.0%	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	650,078,569	38,854,536	6.0%	688,933,105	167,369,522	32 1%	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	
28	TOTAL DEFERRED OUTFLOWS OF RESOURCES	6,388,366	(729,547)	-11.4%	5,658,819	5,626,100	17195.2%	32,719	27
29	TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	656,466,935	38,124,989	-5 4%	694,591,924	172,995,622	17227.3%	521,596,302	28

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

	NET ASSETS AND LIABILITIES	A Prior Year	B Variance	C %	D Current Year	E Variance	F %	G Beginning of Year	
	Net position								
1	Net investments in capital assets	218,412,374	70,129,002	32.1%	288,541,376	2,951,510	1.0%	285,589,866	1
2	Restricted for Debt Service	25,262,932	2,554,302	10.1%	27,817,234	17,595,135	172.1%	10,222,099	2
3	Unrestricted	82,178,332	(33,907,503)	-41.3%	48,270,829	26,246,989	119.2%	22,023,840	3
4	Total net position	325,853,638	38,775,801	11.9%	364,629,439	46,793,634	14.7%	317,835,805	4
	Long-term liabilities								
5	Claims payable	830,189	(313,291)	-37.7%	516,898	(347,820)	-40.2%	864,718	5
6	Net pension obligation	27,166,240	1,260,125	4.6%	28,426,365	22,563,169	384.8%	5,863,196	6
7	Other postretirement benefits liability	26,474,524	1,397,634	5.3%	27,872,158	5,028,077	22.0%	22,844,081	7
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	8
9	Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-	9
10	Southeast Louisiana Project liability	-	-	0.0%	-	-	0.0%	-	10
11	Debt Service Assistance Fund Loan payable	5,028,912	(406,727)	-8.1%	4,622,185	(795,418)	-14.7%	5,417,603	11
12	Total long-term liabilities	282,651,179	(1,669,142)	-0.6%	280,982,037	134,768,256	92.2%	146,213,781	12
	Current liabilities (payable from current assets)								
13	Accounts payable and other liabilities	6,640,006	(1,006,982)	-15.2%	5,633,024	(13,181,174)	-70.1%	18,814,198	13
14	Due to City of New Orleans	860,194	47,852	5.6%	908,046	747,874	466.9%	160,172	14
15	Disaster Reimbursement Revolving Loan	6,273,137	(395,749)	-6.3%	5,877,388	(2,464,782)	-29.5%	8,342,170	15
16	Retainers and estimates payable	4,294,509	551,122	12.8%	4,845,631	1,853,937	62.0%	2,991,694	16
17	Due to other fund	63,962	8,467	13.2%	72,429	(71,109)	-49.5%	143,538	17
18	Accrued salaries, vacation and sick pay	5,930,334	(539,862)	-9.1%	5,390,472	83,760	1.6%	5,306,712	18
19	Claims payable	3,793,255	1,126,685	29.7%	4,919,940	1,068,937	27.8%	3,851,003	19
20	Debt Service Assistance Fund Loan payable	388,691	18,036	4.6%	406,727	35,389	9.5%	371,338	20
21	Advances from federal government	5,638,316	(1,689,865)	-30.0%	3,948,451	(2,209,098)	-35.9%	6,157,549	21
22	Other Liabilities	364,519	53,401	14.6%	417,920	345,290	475.4%	72,630	22
23	Total current liabilities (payable from current assets)	34,246,923	(1,826,895)	-5.3%	32,420,028	(13,790,976)	-29.8%	46,211,004	23
	Current liabilities (payable from restricted assets)								
24	Accrued interest	743,300	(206,326)	-27.8%	536,974	(17,475)	-3.2%	554,449	24
25	Bonds payable	325,000	2,215,000	681.5%	2,540,000	2,540,000	0.0%	-	25
26	Retainers and estimates payable	143,019	146,853	102.7%	289,872	210,464	265.0%	79,408	26
27	Customer deposits	11,528,910	865,854	7.5%	12,394,764	1,692,909	15.8%	10,701,855	27
28	Total current liabilities (payable from restricted assets)	12,740,229	3,021,381	23.7%	15,761,610	4,425,898	39.0%	11,335,712	28
29	TOTAL CURRENT LIABILITIES	46,987,152	1,194,486	2.5%	48,181,638	(9,365,078)	-16.3%	57,546,716	29
30	TOTAL LIABILITIES	329,638,331	(474,656)	-0.1%	329,163,675	125,403,178	61.5%	203,760,497	30
	Deferred inflows or resources:								
31	Deferred amounts related to net pension liability	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-	31
32	TOTAL DEFERRED INFLOWS OF RESOURCES	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-	32
33	Total Net Position, Liabilities and Deferred Inflows of Resources	656,466,935	38,301,145	5.8%	694,591,925	172,995,623	33.2%	521,596,302	33

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

		A	B	C	D	
		YTD	YTD	YTD		
		Current Year	Prior Year	Variance	%	
	Cash flows from operating activities					
1	Cash received from customers	69,823,558	54,521,583	15,301,975	28.1%	1
2	Cash payments to suppliers for goods and services	(40,616,701)	(31,643,862)	(8,972,838)	28.4%	2
3	Cash payments to employees for services	(22,747,640)	(22,400,112)	(347,528)	1.6%	3
4	Other revenue	1,976,216	2,947,746	(971,530)	-33.0%	4
5	Net cash used in operating activities	8,435,434	3,425,372	5,010,062	146.3%	5
	Cash flows from noncapital financing activities					
6	Proceeds from property taxes	131,792	119,209	12,583	10.6%	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	131,792	119,209	12,583	10.6%	9
	Cash flows from capital and related financing activities					
10	Acquisition and construction of capital assets	(45,961,679)	(18,427,972)	(27,533,707)	149.4%	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	342,387	1,541,521	(1,199,134)	-77.8%	15
16	Proceeds from construction fund, net	144,403	(711,875)	856,278	-120.3%	16
17	Capital contributed by developers and federal grants	8,580,025	5,237,307	3,342,718	63.8%	17
18	Net cash used in capital and related financing activities	(36,894,864)	(12,361,019)	(24,533,845)	198.5%	18
	Cash flows from investing activities					
19	Payments for purchase of investments	-	-	-	0.0%	19
20	Proceeds from maturities of investments	(24,219,902)	-	(24,219,902)	0.0%	20
21	Investment income	700,528	692,662	7,866	1.1%	21
22	Net cash provided by investing activities	(23,519,374)	692,662	(24,212,036)	-3495.5%	22
23	Net increase in cash	(51,847,011)	(8,123,776)	(43,723,235)	538.2%	23
24	Cash at the beginning of the year	152,217,472	174,260,074	(22,042,602)	-12.6%	24
25	Cash at the end of the period	100,370,462	166,136,298	(65,765,836)	-39.6%	25
	Reconciliation of cash and restricted cash					
26	Current assets - cash	15,581,735	14,158,147	1,423,588	10.1%	26
27	Current assets - designated	18,064,800	16,372,986	1,691,814	10.3%	27
28	Restricted assets -cash	66,723,927	135,605,165	(68,881,238)	-50.8%	28
29	Total cash	100,370,462	166,136,298	(65,765,836)	-39.6%	29

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENTS OF CASH FLOWS
October 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	5,025,673	(4,437,031)	9,462,704	-213.3%	1
	Adjustments to reconcile net operating loss to net cash used in operating activities:					
2	Depreciation	8,366,601	13,164,516	(4,797,915)	-36.4%	2
3	Provision for claims	1,148,945	568,360	580,585	102.2%	3
4	Provision for (revision) doubtful accounts	958,340	766,672	191,668	25.0%	4
5	Amortization	-	-	-	0.0%	5
	Change in operating assets and liabilities:					
6	(Increase) decrease in customer and other receivables	(5,719,234)	(818,679)	(4,900,555)	598.6%	6
7	Increase in inventory	(0)	-	(0)	0.0%	7
8	Increase (decrease) in deferred outflows of resources related to net pension liability	0	-	0	0.0%	8
9	Increase (decrease) in prepaid expenses and other receivables	5,040,449	1,240,657	3,799,792	306.3%	9
10	Decrease in net pension asset	-	-	-	0.0%	10
11	Increase (decrease) in accounts payable	(8,594,210)	(9,313,559)	719,349	-7.7%	11
12	Increase (decrease) in accrued salaries, due to pension and accrued vacation and sick pay	430,627	44,774	385,853	861.8%	12
13	Increase in net other postretirement benefits liability	904,212	1,205,616	(301,404)	-25.0%	13
14	Increase (decrease) in net pension obligation	1,509,812	1,208,283	301,529	25.0%	14
15	Decrease in other liabilities	(635,781)	(204,237)	(431,544)	211.3%	15
16	Increase (decrease) in deferred inflows of resources related to net pension liability	-	-	-	0.0%	16
17	Net cash used in operating activities	8,435,434	3,425,372	5,010,062	146.3%	17

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SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
October 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	-	-	-	0.0%	-	-	-	0.0%	1
2	Sewerage service charges and delinquent fees	9,078,310	9,214,258	(135,948)	-1.5%	91,507,363	87,172,023	4,335,340	5.0%	2
3	Plumbing inspection and license fees	21,820	17,260	4,560	26.4%	241,350	263,340	(21,990)	-8.4%	3
4	Other revenues	39,358	36,074	3,284	9.1%	483,948	436,039	47,909	11.0%	4
5	Total operating revenues	9,139,488	9,267,592	(128,104)	-1.4%	92,232,661	87,871,402	4,361,259	5.0%	5
	Operating Expenses:									
6	Executive Director	87,697	66,466	21,231	31.9%	556,460	517,395	39,064	7.6%	6
7	Special Counsel	43,111	48,203	(5,092)	-10.6%	499,292	395,587	103,705	26.2%	7
8	Security	312,045	148,663	163,382	109.9%	3,139,809	2,232,198	907,611	40.7%	8
9	Operations	3,396,468	3,907,741	(511,273)	-13.1%	30,301,624	28,996,623	1,305,001	4.5%	9
10	Engineering	302,821	206,693	96,128	46.5%	2,257,612	1,759,503	498,109	28.3%	10
11	Logistics	377,092	340,800	36,292	10.6%	2,927,346	3,043,233	(115,887)	-3.8%	11
12	Communications	9,012	7,779	1,233	15.8%	178,018	61,545	116,473	189.2%	12
13	Administration	236,225	120,587	115,639	95.9%	3,182,315	3,442,648	(260,333)	-7.6%	13
14	Chief Financial Officer	1,191,707	870,608	321,099	36.9%	7,781,777	6,565,216	1,216,562	18.5%	14
15	Continuous Improvement	2,810	7,358	(4,548)	-61.8%	42,276	22,820	19,456	85.3%	15
16	Overhead and Budget Adjustments	(542,833)	(398,124)	(144,709)	36.3%	(4,135,965)	(3,677,630)	(458,336)	12.5%	16
17	Non-Cash Operating Expenses	2,119,256	1,739,511	379,745	21.8%	20,694,794	17,351,040	3,343,754	19.3%	17
18	Total operating expenses	7,535,412	7,066,285	469,127	6.6%	67,425,358	60,710,178	6,715,180	11.1%	18
19	Operating income (loss)	1,604,076	2,201,308	(597,231)	-27.1%	24,807,303	27,161,224	(2,353,921)	-8.7%	19
	Non-operating revenues (expense):									
20	Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21	Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22	Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23	Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24	Interest income	30,912	35,934	(5,022)	-14.0%	427,552	524,244	(96,692)	-18.4%	24
25	Other Income	-	-	-	0.0%	164,371	148,677	15,694	10.6%	25
26	Interest expense	-	-	-	0.0%	-	-	-	0.0%	26
27	Operating and maintenance grants	26	-	26	0.0%	49	-	49	0.0%	27
28	Total non-operating revenues	30,937	35,934	(4,997)	-13.9%	591,972	672,921	(80,949)	-12.0%	28
29	Income before capital contributions	1,635,013	2,237,242	(602,228)	-26.9%	25,399,275	27,834,145	(2,434,870)	-8.7%	29
30	Capital contributions	(370,698)	649,654	(1,020,352)	-157.1%	3,713,977	7,434,423	(3,720,446)	-50.0%	30
31	Change in net position	1,264,316	2,886,896	(1,622,580)	-56.2%	29,113,252	35,268,568	7,434,423	21.1%	31
32	Net position, beginning of year					792,100,836	763,119,641	28,981,195	3.8%	32
33	Net position, end of year					821,214,088	798,388,209	22,825,879	2.9%	33

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SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
October 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%	1
2	Sewerage service charges and delinquent fees	9,078,310	9,900,017	(821,707)	-8.3%	91,507,363	95,017,406	(3,510,043)	-3.7%	2
3	Plumbing inspection and license fees	21,820	28,371	(6,551)	-23.1%	241,350	272,294	(30,944)	-11.4%	3
4	Other revenues	39,358	51,965	(12,607)	-24.3%	483,948	498,746	(14,798)	-3.0%	4
5	Total operating revenues	9,139,488	9,980,353	(840,865)	-8.4%	92,232,661	95,788,445	(3,555,784)	-3.7%	5
	Operating Expenses:									
6	Executive Director	87,697	46,984	40,713	86.7%	556,460	415,836	140,623	33.8%	6
7	Special Counsel	43,111	63,317	(20,206)	-31.9%	499,292	560,396	(61,104)	-10.9%	7
8	Security	312,045	326,924	(14,879)	-4.6%	3,139,809	2,893,463	246,346	8.5%	8
9	Operations	3,396,468	3,247,606	148,861	4.6%	30,301,624	28,743,184	1,558,440	5.4%	9
10	Engineering	302,821	439,354	(136,532)	-31.1%	2,257,612	3,888,534	(1,630,922)	-41.9%	10
11	Logistics	377,092	479,956	(102,863)	-21.4%	2,927,346	4,247,884	(1,320,537)	-31.1%	11
12	Communications	9,012	33,730	(24,718)	-73.3%	178,018	298,528	(120,510)	-40.4%	12
13	Administration	236,225	417,212	(180,986)	-43.4%	3,182,315	3,692,563	(510,248)	-13.8%	13
14	Chief Financial Officer	1,191,707	1,053,334	138,372	13.1%	7,781,777	9,322,616	(1,540,838)	-16.5%	14
15	Continuous Improvement	2,810	13,660	(10,849)	-79.4%	42,276	120,898	(78,622)	-65.0%	15
16	Overhead and Budget Adjustments	(542,833)	663,859	(1,206,693)	-181.8%	(4,135,965)	5,875,535	(10,011,500)	-170.4%	16
17	Non-Cash Operating Expenses	2,119,256	2,658,556	(539,300)	-20.3%	20,694,794	25,352,315	(4,657,521)	-18.4%	17
18	Total operating expenses	7,535,412	9,444,493	(1,909,081)	-20.2%	67,425,358	85,411,750	(17,986,393)	-21.1%	18
19	Operating income (loss)	1,604,076	535,860	1,068,216	199.3%	24,807,303	10,376,694	14,430,609	139.1%	19
	Non-operating revenues (expense):		-							
20	Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21	Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22	Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23	Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24	Interest income	30,912	3,864	27,048	700.0%	427,552	622,748	(195,196)	-31.3%	24
25	Other Income	-	2,773	(2,773)	-100.0%	164,371	446,851	(282,479)	-63.2%	25
26	Interest expense	-	(12,379)	12,379	-100.0%	-	(1,995,154)	1,995,154	-100.0%	26
27	Operating and maintenance grants	26	13,170	(13,145)	-99.8%	49	2,122,630	(2,122,581)	-100.0%	27
28	Total non-operating revenues	30,937	7,428	23,510	316.5%	591,972	1,197,074	(605,102)	-50.5%	28
29	Income before capital contributions	1,635,013	543,288	1,091,726	200.9%	25,399,275	11,573,768	13,825,506	119.5%	29
30	Capital contributions	(370,698)		(370,698)	0.0%	3,713,977		3,713,977	0.0%	30
31	Change in net position	1,264,316	543,288	721,028	132.7%	29,113,252				31
32	Net position, beginning of year					792,100,836	763,119,641	28,981,195	3.8%	32
33	Net position, end of year					821,214,088	763,119,641	58,094,447	7.6%	33

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

		A	B	C	D	E	F	G	
	Assets	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
	Noncurrent assets:								
1	Property, plant and equipment	1,220,911,927	68,824,716	5 6%	1,289,736,643	152,208,709	13 4%	1,137,527,934	1
2	Less: accumulated depreciation	258,855,877	22,652,850	8.8%	281,508,727	54,988,528	24 3%	226,520,199	2
3	Property, plant, and equipment, net	962,056,050	46,171,866	4 8%	1,008,227,916	97,220,181	10 7%	911,007,735	3
	Restricted cash, cash equivalents, and investments								
4	Cash and cash equivalents restricted for capital projects	67,454,898	(51,130,304)	-75.8%	16,324,594	(14,203,359)	-46 5%	30,527,953	4
5	Debt service reserve	53,840,331	1,985,831	3.7%	55,826,162	35,358,356	172 8%	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	121,921,670	(49,073,073)	-40 2%	72,848,597	21,193,672	41 0%	51,654,925	7
	Designated cash, cash equivalents, and investments								
8	Cash and cash equivalents designated for capital projects	56,228,465	(17,377,369)	-30.9%	38,851,096	35,151,787	950 2%	3,699,309	8
9	Customer deposits	-	-	0.0%	-	-	0 0%	-	9
10	Other	1,221,515	(63,694)	-5.2%	1,157,821	(24,495)	-2 1%	1,182,316	10
11	Total designated cash and cash equivalents, and investments	57,449,980	(17,441,063)	-30 4%	40,008,917	35,127,292	719 6%	4,881,625	11
	Current assets:								
	Unrestricted and undesignated								
12	Cash and cash equivalents	14,177,727	11,901,708	83 9%	26,079,435	4,224,364	19 3%	21,855,071	12
	Accounts receivable:	-							
13	Customers (net of allowance for doubtful accounts)	10,665,734	7,742,191	72.6%	18,407,925	10,690,213	138 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	19,911,168	302,556	1 5%	20,213,724	670,030	3 4%	19,543,694	16
17	Miscellaneous	3,021,475	577,604	19 1%	3,599,079	3,247,589	923 9%	351,490	17
18	Due from enterprise fund	4,313,419	12,211,398	283 1%	16,524,817	5,460,893	49 4%	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	53,748,164	32,373,753	60 2%	86,121,917	24,092,556	38 8%	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	1,195,193,829	12,031,483	1 0%	1,207,225,312	177,633,701	17.3%	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	(1,019,810)	-10.2%	8,977,158	5,045,556	128.3%	3,931,602	28
29	TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	1,205,190,797	11,011,673	-9 2%	1,216,202,470	182,679,257	145.6%	1,033,523,213	29

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

	NET ASSETS AND LIABILITIES	A Prior Year	B Variance	C %	D Current Year	E Variance	F %	G Beginning of Year	
	Net position								
1	Net investments in capital assets	681,706,024	61,973,703	9.1%	743,679,727	13,516,671	1.9%	730,163,056	1
2	Restricted for Debt Service	53,840,331	1,985,831	3.7%	55,826,162	35,358,356	172.8%	20,467,806	2
3	Unrestricted	62,841,854	(41,133,654)	-65.5%	21,708,200	39,772,145	-220.2%	(18,063,945)	3
4	Total net position	798,388,209	22,825,880	2.9%	821,214,089	88,647,172	12.1%	732,566,917	4
	Long-term liabilities								
5	Claims payable	830,189	(313,291)	-37.7%	516,898	(347,820)	-40.2%	864,718	5
6	Net pension obligation	27,166,240	1,260,125	4.6%	28,426,365	22,433,223	374.3%	5,993,142	6
7	Other postretirement benefits liability	23,496,178	1,397,633	5.9%	24,893,811	5,028,078	25.3%	19,865,733	7
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	8
9	Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-	9
10	Southeast Louisiana Project liability	-	-	0.0%	-	-	0.0%	-	10
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	11
12	Total long-term liabilities	368,590,461	(16,636,489)	-4.5%	351,953,972	103,244,400	41.5%	248,709,572	12
	Current liabilities (payable from current assets)								
13	Accounts payable and other liabilities	7,808,171	(4,057,579)	-52.0%	3,750,592	(18,109,723)	-82.8%	21,860,315	13
14	Due to City of New Orleans	-	-	0.0%	-	-	0.0%	-	14
15	Disaster Reimbursement Revolving Loan	(1,451,340)	5,860,070	-403.8%	4,408,730	1,839,307	71.6%	2,569,423	15
16	Retainers and estimates payable	3,119,865	294,798	9.4%	3,414,663	(1,088,227)	-24.2%	4,502,890	16
17	Due to other fund	30,023	3,974	13.2%	33,997	(33,308)	-49.5%	67,305	17
18	Accrued salaries, vacation and sick pay	3,903,263	(374,075)	-9.6%	3,529,188	176,426	5.3%	3,352,762	18
19	Claims payable	2,644,607	2,035,805	77.0%	4,680,412	1,909,640	68.9%	2,770,772	19
20	Debt Service Assistance Fund Loan payable	3,786,093	175,675	4.6%	3,961,768	343,704	9.5%	3,618,064	20
21	Advances from federal government	1,976,305	-	0.0%	1,976,305	1,976,305	0.0%	-	21
22	Other Liabilities	110,153	6,402	5.8%	116,555	115,002	7405.2%	1,553	22
23	Total current liabilities (payable from current assets)	21,927,140	3,945,070	18.0%	25,872,210	(12,870,874)	-33.2%	38,743,084	23
	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	24
25	Bonds payable	12,852,000	545,000	4.2%	13,397,000	(1,753,000)	-15.1%	11,644,000	25
26	Retainers and estimates payable	539,189	824,064	152.8%	1,363,253	(1,318,978)	-2979.1%	44,275	26
27	Customer deposits	-	-	0.0%	-	-	0.0%	-	27
28	Total current liabilities (payable from restricted assets)	15,310,021	1,053,367	6.9%	16,363,388	2,859,748	21.2%	13,503,640	28
29	**TOTAL CURRENT LIABILITIES**	37,237,161	4,998,437	13.4%	42,235,598	(10,011,126)	-19.2%	52,246,724	29
30	**TOTAL LIABILITIES**	405,827,622	(11,638,052)	-2.9%	394,189,570	93,233,274	31.0%	300,956,296	30
	Deferred inflows or resources:								
31	Deferred amounts related to net pension liability	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-	31
32	**TOTAL DEFERRED INFLOWS OF RESOURCES**	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-	32
33	Total Net Position, Liabilities and Deferred Inflows of Resources	1,205,190,797	11,187,828	0.9%	1,216,202,469	182,679,256	17.7%	1,033,523,213	33

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

		A	B	C	D	
		YTD	YTD	YTD		
		Current Year	Prior Year	Variance	%	
	Cash flows from operating activities					
1	Cash received from customers	85,936,043	58,623,687	27,312,356	46.6%	1
2	Cash payments to suppliers for goods and services	(43,172,386)	(30,201,312)	(12,971,074)	42.9%	2
3	Cash payments to employees for services	(22,504,220)	(5,561,343)	(16,942,877)	304.7%	3
4	Other revenue	1,721,098	(3,033,570)	4,754,668	-156.7%	4
5	Net cash used in operating activities	21,980,535	19,827,462	2,153,073	10.9%	5
	Cash flows from noncapital financing activities					
6	Proceeds from property taxes	164,371	148,676	15,695	10.6%	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	164,371	148,676	15,695	10.6%	9
	Cash flows from capital and related financing activities					
10	Acquisition and construction of capital assets	(41,606,870)	(12,778,723)	(28,828,147)	225.6%	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	98,187	373,021	(274,834)	-73.7%	15
16	Proceeds from construction fund, net	(236,509)	(1,521,383)	1,284,874	-84.5%	16
17	Capital contributed by developers and federal grants	3,226,613	10,780,053	(7,553,440)	-70.1%	17
18	Net cash used in capital and related financing activities	(38,518,579)	(3,147,032)	(35,371,547)	1124.0%	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	427,550	414,119	13,431	3.2%	21
22	Net cash provided by investing activities	427,550	414,119	13,431	3.2%	22
23	Net increase in cash	(15,946,123)	17,243,225	(33,189,348)	-192.5%	23
24	Cash at the beginning of the year	154,826,076	177,803,739	(22,977,663)	-12.9%	24
25	Cash at the end of the period	138,879,953	195,046,964	(56,167,011)	-28.8%	25
	Reconciliation of cash and restricted cash					
26	Current assets - cash	26,079,438	7,040,186	19,039,252	270.4%	26
27	Current assets - designated	40,008,918	66,446,112	(26,437,194)	-39.8%	27
28	Restricted assets -cash	72,791,597	121,560,666	(48,769,069)	-40.1%	28
29	Total cash	138,879,953	195,046,964	(56,167,011)	-28.8%	29

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENTS OF CASH FLOWS
October 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	24,807,308	19,896,830	4,910,478	24.7%	1
	Adjustments to reconcile net operating loss to net cash used in operating activities:					
2	Depreciation	17,163,286	9,443,491	7,719,795	81.7%	2
3	Provision for claims	729,867	331,075	398,792	120.5%	3
4	Provision for (revision) doubtful accounts	887,360	621,153	266,207	42.9%	4
5	Amortization	-	-	-	0.0%	5
	Change in operating assets and liabilities:					
6	(Increase) decrease in customer and other receivables	(5,571,314)	(2,017,492)	(3,553,822)	176.2%	6
7	Increase in inventory	(0)	-	(0)	0.0%	7
8	Increase (decrease) in deferred outflows of resources related to net pension liability	-	-	-	0.0%	8
9	Increase (decrease) in prepaid expenses and other receivables	(3,244,343)	3,790,970	(7,035,313)	-185.6%	9
10	Decrease in net pension asset	-	-	-	0.0%	10
11	Increase (decrease) in accounts payable	(14,770,234)	(13,982,485)	(787,749)	5.6%	11
12	Increase (decrease) in accrued salaries, due to pension and accrued vacation and sick pay	294,449	(37,151)	331,600	-892.6%	12
13	Increase in net other postretirement benefits liability	904,213	1,054,914	(150,701)	-14 3%	13
14	Increase (decrease) in net pension obligation	1,509,812	1,057,232	452,580	42.8%	14
15	Decrease in other liabilities	(729,868)	(331,075)	(398,793)	120.5%	15
16	Increase (decrease) in deferred inflows of resources related to net pension liability	-	-	-	0.0%	16
17	Net cash used in operating activities	21,980,535	19,827,462	2,153,073	10.9%	17

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SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
October 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	-	-	-	0.0%	-	-	-	0.0%	1
2	Sewerage service charges and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	2
3	Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4	Other revenues	117,138	58,014	59,124	101.9%	256,322	607,139	(350,817)	-57.8%	4
5	Total operating revenues	117,138	58,014	59,124	101.9%	256,322	607,139	(350,817)	-57.8%	5
	Operating Expenses:									
6	Executive Director	84,568	62,670	21,899	34.9%	531,997	494,557	37,440	7.6%	6
7	Special Counsel	41,008	89,046	(48,037)	-53.9%	525,057	444,731	80,327	18.1%	7
8	Security	275,672	130,962	144,710	110.5%	2,870,968	2,053,004	817,964	39.8%	8
9	Operations	4,744,544	1,515,770	3,228,774	213.0%	24,492,061	13,744,216	10,747,845	78.2%	9
10	Engineering	249,213	174,423	74,790	42.9%	1,820,580	1,420,085	400,495	28.2%	10
11	Logistics	419,248	365,579	53,669	14.7%	3,395,763	3,167,198	228,565	7.2%	11
12	Communications	9,012	7,779	1,233	15.8%	178,019	61,545	116,474	189.2%	12
13	Administration	191,328	100,262	91,067	90.8%	2,559,635	2,752,007	(192,372)	-7.0%	13
14	Chief Financial Officer	411,929	266,377	145,552	54.6%	2,619,082	2,317,914	301,169	13.0%	14
15	Continuous Improvement	2,810	7,358	(4,548)	-61.8%	42,276	22,820	19,456	85.3%	15
16	Overhead and Budget Adjustments	(444,703)	(321,003)	(123,700)	38.5%	(3,368,612)	(2,961,851)	(406,761)	13.7%	16
17	Non-Cash Operating Expenses	2,055,868	1,736,213	319,655	18.4%	20,392,687	17,319,685	3,073,002	17.7%	17
18	Total operating expenses	8,040,497	4,135,434	3,905,063	94.4%	56,059,513	40,835,909	15,223,604	37.3%	18
19	Operating income (loss)	(7,923,360)	(4,077,420)	(3,845,939)	94.3%	(55,803,191)	(40,228,770)	(15,574,420)	38.7%	19
	Non-operating revenues (expense):									
20	Two-mill tax	201	9	192	2111.8%	2,259	7,486	(5,228)	-69.8%	20
21	Three-mill tax	1	43,602	(43,601)	-100.0%	15,379,399	15,250,346	129,053	0.8%	21
22	Six-mill tax	104,197	44,071	60,126	136.4%	16,070,624	15,413,856	656,768	4.3%	22
23	Nine-mill tax	156,185	66,060	90,125	136.4%	24,089,093	23,104,682	984,411	4.3%	23
24	Interest income	10,713	14,520	(3,807)	-26.2%	141,485	123,896	17,589	14.2%	24
25	Other Income	-	-	-	0.0%	-	-	-	0.0%	25
26	Interest expense	-	-	-	0.0%	-	-	-	0.0%	26
27	Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%	27
28	Total non-operating revenues	271,297	168,262	103,035	61.2%	55,682,859	53,900,266	1,782,594	3.3%	28
29	Income before capital contributions	(7,652,063)	(3,909,158)	(3,742,905)	95.7%	(120,331)	13,671,495	(13,791,827)	-100.9%	29
30	Capital contributions	943,961	872,127	71,834	8.2%	5,816,904	7,890,819	(2,073,915)	-26.3%	30
31	Change in net position	(6,708,102)	(3,037,031)	(3,671,071)	120.9%	5,696,573	21,562,314	(15,865,742)	-73.6%	31
32	Net position, beginning of year					1,099,210,875	1,000,776,299	98,434,576	9.8%	32
33	Net position, end of year					1,104,907,448	1,022,338,613	82,568,834	8.1%	33

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SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
October 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%	1
2	Sewerage service charges and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	2
3	Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4	Other revenues	117,138	-	117,138	0.0%	256,322	-	256,322	0.0%	4
5	Total operating revenues	117,138	-	117,138	0.0%	256,322	-	256,322	0.0%	5
	Operating Expenses:									
6	Executive Director	84,568	42,427	42,141	99.3%	531,997	375,500	156,497	41.7%	6
7	Special Counsel	41,008	98,900	(57,892)	-58.5%	525,057	875,326	(350,269)	-40.0%	7
8	Security	275,672	303,495	(27,823)	-9.2%	2,870,968	2,686,103	184,865	6.9%	8
9	Operations	4,744,544	1,900,880	2,843,664	149.6%	24,492,061	16,823,877	7,668,184	45.6%	9
10	Engineering	249,213	339,722	(90,508)	-26.6%	1,820,580	3,006,731	(1,186,151)	-39.4%	10
11	Logistics	419,248	504,608	(85,360)	-16.9%	3,395,763	4,466,069	(1,070,306)	-24.0%	11
12	Communications	9,012	33,730	(24,718)	-73.3%	178,019	298,528	(120,509)	-40.4%	12
13	Administration	191,328	339,723	(148,395)	-43.7%	2,559,635	3,006,747	(447,112)	-14.9%	13
14	Chief Financial Officer	411,929	342,772	69,157	20.2%	2,619,082	3,033,733	(414,651)	-13.7%	14
15	Continuous Improvement	2,810	13,660	(10,849)	-79.4%	42,276	120,898	(78,622)	-65.0%	15
16	Overhead and Budget Adjustments	(444,703)	(733,624)	288,921	-39.4%	(3,368,612)	(6,492,993)	3,124,382	-48.1%	16
17	Non-Cash Operating Expenses	2,055,868	2,477,779	(421,911)	-17.0%	20,392,687	23,628,404	(3,235,717)	-13.7%	17
18	Total operating expenses	8,040,497	5,664,072	2,376,426	42.0%	56,059,513	51,828,922	4,230,591	8.2%	18
19	Operating income (loss)	(7,923,360)	(5,664,072)	(2,259,288)	39.9%	(55,803,191)	(51,828,922)	(3,974,268)	7.7%	19
	Non-operating revenues (expense):		-							
20	Two-mill tax	201	-	201	0.0%	2,259	-	2,259	0.0%	20
21	Three-mill tax	1	88,980	(88,979)	-100.0%	15,379,399	14,340,548	1,038,851	7.2%	21
22	Six-mill tax	104,197	93,967	10,230	10.9%	16,070,624	15,144,391	926,233	6.1%	22
23	Nine-mill tax	156,185	140,851	15,334	10.9%	24,089,093	22,700,509	1,388,585	6.1%	23
24	Interest income	10,713	2,196	8,517	387.8%	141,485	353,922	(212,437)	-60.0%	24
25	Other Income	-	5,874	(5,874)	-100.0%	-	946,693	(946,693)	-100.0%	25
26	Interest expense	-	(782)	782	-100.0%	-	(126,000)	126,000	-100.0%	26
27	Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%	27
28	Total non-operating revenues	271,297	331,086	(59,789)	-18.1%	55,682,859	53,360,063	2,322,797	4.4%	28
29	Income before capital contributions	(7,652,063)	(5,332,985)	(2,319,077)	43.5%	(120,331)	1,531,140	(1,651,472)	-107.9%	29
30	Capital contributions	943,961		943,961	0.0%	5,816,904		5,816,904	0.0%	30
31	Change in net position	(6,708,102)	(5,332,985)	(1,375,117)	25.8%	5,696,573	1,531,140	4,165,432	272.0%	31
32	Net position, beginning of year					1,099,210,875	1,000,776,299	98,434,576	9.8%	32
33	Net position, end of year					1,104,907,448	1,002,307,439	102,600,008	10.2%	33

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

		A	B	C	D	E	F	G	
	Assets	**Prior**			**Current**			**Beginning of**	
	Noncurrent assets:	**Year**	**Variance**	**%**	**Year**	**Variance**	**%**	**Year**	
1	Property, plant and equipment	1,473,694,795	173,903,203	11.8%	1,647,597,998	354,104,306	27.4%	1,293,493,692	1
2	Less: accumulated depreciation	315,797,946	24,322,743	7.7%	340,120,689	58,804,494	20.9%	281,316,195	2
3	Property, plant, and equipment, net	1,157,896,849	149,580,460	12.9%	1,307,477,309	295,299,812	29.2%	1,012,177,497	3
	Restricted cash, cash equivalents, and investments								
4	Cash and cash equivalents restricted for capital projects	4,558,697	(318,067)	0.0%	4,240,630	(207,124)	-4.7%	4,447,754	4
5	Debt service reserve	2,498,908	992	0.0%	2,499,900	2,342,846	1491.7%	157,054	5
6	Health insurance reserve	633,272	56,496	8.9%	689,768	30,602	4.6%	659,166	6
7	Total restricted cash, cash equivalents, and investments	7,690,877	(260,579)	-3.4%	7,430,298	2,166,324	41.2%	5,263,974	7
	Designated cash, cash equivalents, and investments								
8	Cash and cash equivalents designated for capital projects	27,907,575	(22,683,006)	-81.3%	5,224,569	(5,409,527)	-50.9%	10,634,096	8
9	Customer deposits	-	-	0.0%	-	-	0.0%	-	9
10	Other	1,173,559	(48,795)	-4.2%	1,124,764	(16,431)	-1.4%	1,141,195	10
11	Total designated cash and cash equivalents, and investments	29,081,134	(22,731,801)	-78.2%	6,349,333	(5,425,958)	-475.5%	11,775,291	11
	Current assets:								
	Unrestricted and undesignated								
12	Cash and cash equivalents	9,781,244	(2,165,772)	-22.1%	7,615,472	2,795,954	58.0%	4,819,518	12
	Accounts receivable:								
13	Customers (net of allowance for doubtful accounts)	-	-	0.0%	-	-	0.0%	-	13
14	Taxes	8,044,268	1,818,994	22.6%	9,863,262	1,732,315	21.3%	8,130,947	14
15	Interest	-	-	0.0%	-	-	0.0%	-	15
16	Grants	5,760,812	1,795,471	31.2%	7,556,283	608,567	8.8%	6,947,716	16
17	Miscellaneous	698,381	248,234	35.5%	946,615	(430,811)	-31.3%	1,377,426	17
18	Due from enterprise fund	(1,668,928)	1,464,780	-87.8%	(204,148)	2,548,106	-92.6%	(2,752,254)	18
19	Inventory of supplies	594,460	(99,997)	-16.8%	494,463	(111,965)	-18.5%	606,428	19
20	Prepaid expenses	253,613	(253,785)	-100.1%	(172)	(94,969)	-100.2%	94,797	20
21	Total unrestricted current assets	23,463,850	2,807,925	12.0%	26,271,775	7,047,197	36.7%	19,224,578	21
	Other assets:								
22	Bond issue costs	-	-	0.0%	-	-	0.0%	-	22
23	Deposits	10,400	-	0.0%	10,400	-	0.0%	10,400	23
24	Total other assets	10,400	-	0.0%	10,400	-	0.0%	10,400	24
25	TOTAL ASSETS	1,218,143,110	129,396,005	10.6%	1,347,539,115	299,087,375	28.5%	1,048,451,740	25
	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%		26
27	Deferred loss on bond refunding	289,555	(53,523)	-18.5%	236,032	(107,041)	-31.2%	343,073	27
28	TOTAL DEFERRED OUTFLOWS OF RESOURCES	6,649,565	(778,687)	-11.7%	5,870,878	5,527,805	1611.3%	343,073	28
29	TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	1,224,792,675	128,617,317	-1.1%	1,353,409,992	304,615,179	1639.8%	1,048,794,813	29

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

		A	B	C	D	E	F	G	
	NET ASSETS AND LIABILITIES	**Prior Year**	**Variance**	**%**	**Current Year**	**Variance**	**%**	**Beginning of Year**	
	Net position								
1	Net investments in capital assets	1,144,779,264	153,095,291	13.4%	1,297,874,555	300,567,100	30.1%	997,307,455	1
2	Restricted for Debt Service	2,498,908	992	0.0%	2,499,900	2,342,846	1491.7%	157,054	2
3	Unrestricted	(124,939,558)	(70,527,449)	56.4%	(195,467,007)	(116,399,132)	147.2%	(79,067,875)	3
4	Total net position	1,022,338,614	82,568,834	8.1%	1,104,907,448	186,510,814	20.3%	918,396,634	4
	Long-term liabilities								
5	Claims payable	830,190	(313,291)	-37.7%	516,899	(347,819)	-40.2%	864,718	5
6	Net pension obligation	27,166,240	958,721	3.5%	28,124,961	22,106,239	367.3%	6,018,722	6
7	Other postretirement benefits liability	22,129,375	1,699,037	7.7%	23,828,412	5,329,481	28.8%	18,498,931	7
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	8
9	Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-	9
10	Southeast Louisiana Project liability	115,703,588	48,291,920	41.7%	163,995,508	97,339,532	146.0%	66,655,976	10
11	Debt Service Assistance Fund Loan payable	3,202,606	(259,121)	-8.1%	2,943,485	(506,751)	-14.7%	3,450,236	11
12	Total long-term liabilities	180,513,671	48,579,862	26.9%	229,093,533	120,349,908	110.7%	108,743,625	12
	Current liabilities (payable from current assets)								
13	Accounts payable and other liabilities	3,419,607	2,027,883	59.3%	5,447,490	(607,145)	-10.0%	6,054,635	13
14	Due to City of New Orleans	-	-	0.0%	-	-	0.0%	-	14
15	Disaster Reimbursement Revolving Loan	6,466,767	(5,816,409)	-89.9%	650,358	(6,333,090)	-90.7%	6,983,448	15
16	Retainers and estimates payable	1,781,804	(244,807)	-13.7%	1,536,997	1,085,306	240.3%	451,691	16
17	Due to other fund	36,549	4,839	13.2%	41,388	(41,439)	-50.0%	82,827	17
18	Accrued salaries, vacation and sick pay	3,003,425	(193,294)	-6.4%	2,810,131	289,822	11.5%	2,520,309	18
19	Claims payable	4,244,151	1,809,576	42.6%	6,053,727	2,455,463	68.2%	3,598,264	19
20	Debt Service Assistance Fund Loan payable	247,630	11,491	4.6%	259,121	22,631	9.6%	236,490	20
21	Advances from federal government	-	-	0.0%	-	-	0.0%	-	21
22	Other Liabilities	8,795	16,205	184.3%	25,000	24,974	96053.8%	26	22
23	Total current liabilities (payable from current assets)	19,208,728	(2,384,516)	-12.4%	16,824,212	(3,103,478)	-15.6%	19,927,690	23
	Current liabilities (payable from restricted assets)								
24	Accrued interest	106,696	(10,707)	-10.0%	95,989	(15,875)	-14.2%	111,864	24
25	Bonds payable	1,650,000	40,000	2.4%	1,690,000	75,000	4.6%	1,615,000	25
26	Retainers and estimates payable	-	-	0.0%	-	-	0.0%	-	26
27	Customer deposits	-	-	0.0%	-	-	0.0%	-	27
28	Total current liabilities (payable from restricted assets)	1,756,696	29,293	1.7%	1,785,989	59,125	3.4%	1,726,864	28
29	Total current liabilities	20,965,424	(2,355,223)	-11.2%	18,610,201	(3,044,353)	-14.1%	21,654,554	29
30	Total liabilities	201,479,095	46,224,639	22.9%	247,703,734	117,305,555	90.0%	130,398,179	30
	Deferred inflows or resources:								
31	Deferred amounts related to net pension liability	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-	31
32	TOTAL DEFERRED INFLOWS OF RESOURCES	974,966	(176,155)	-18.1%	798,811	798,811	0.0%	-	32
33	Total Net Position, Liabilities and Deferred Inflows of Resources	1,224,792,675	128,793,473	10.5%	1,353,409,992	304,615,179	29.0%	1,048,794,813	33

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

		A	B	C	D	
		YTD	YTD	YTD		
		Current Year	Prior Year	Variance	%	
	Cash flows from operating activities					
1	Cash received from customers	-	-	-	0.0%	1
2	Cash payments to suppliers for goods and services	(26,927,947)	(10,877,663)	(16,050,284)	147.6%	2
3	Cash payments to employees for services	(13,235,521)	(17,039,510)	3,803,989	-22.3%	3
4	Other revenue	313,874	885,465	(571,591)	-64.6%	4
5	Net cash used in operating activities	(39,849,594)	(27,031,708)	(12,817,886)	47.4%	5
	Cash flows from noncapital financing activities					
6	Proceeds from property taxes	55,541,373	51,202,340	4,339,033	8.5%	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	55,541,373	51,202,340	4,339,033	8.5%	9
	Cash flows from capital and related financing activities					
10	Acquisition and construction of capital assets	(31,865,754)	(16,026,303)	(15,839,451)	98.8%	10
11	Principal payments on bonds payable	(234,120)	-	(234,120)	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	(722,413)	(494,078)	(228,335)	46.2%	16
17	Capital contributed by developers and federal grants	6,833,723	5,671,628	1,162,095	20.5%	17
18	Net cash used in capital and related financing activities	(25,988,564)	(10,848,753)	(15,139,811)	139.6%	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	141,485	78,305	63,180	80.7%	21
22	Net cash provided by investing activities	141,485	78,305	63,180	80.7%	22
23	Net increase (decrease) in cash	(10,155,299)	13,400,184	(23,555,483)	-175.8%	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	21,395,103	48,032,259	(26,637,156)	-55.5%	25
	Reconciliation of cash and restricted cash					
26	Current assets - cash	7,615,470	3,328,329	4,287,141	128.8%	26
27	Current assets - designated	6,349,334	36,538,870	(30,189,536)	-82.6%	27
28	Restricted assets -cash	7,430,299	8,165,060	(734,761)	-9.0%	28
29	Total cash	21,395,103	48,032,259	(26,637,156)	-55.5%	29

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENTS OF CASH FLOWS
October 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	(55,803,191)	(28,178,890)	(27,624,301)	98.0%	1
	Adjustments to reconcile net operating loss to net cash used in operating activities:					
2	Depreciation	17,733,164	10,041,805	7,691,359	76.6%	2
3	Provision for claims	621,712	290,405	331,307	114.1%	3
4	Provision for (revision) doubtful accounts	-	-	-	0.0%	4
5	Amortization	-	-	-	0.0%	5
	Change in operating assets and liabilities:					
6	(Increase) decrease in customer and other receivables	-	-	-	0.0%	6
7	Increase in inventory	-	-	-	0.0%	7
8	Increase (decrease) in deferred outflows of resources related to net pension liability	-	-	-	0.0%	8
9	Increase (decrease) in prepaid expenses and other receivables	(794,622)	(6,763,850)	5,969,229	-88.3%	9
10	Decrease in net pension asset	-	-	-	0.0%	10
11	Increase (decrease) in accounts payable	(5,523,958)	(4,220,801)	(1,303,157)	30.9%	11
12	Increase (decrease) in accrued salaries, due to pension and accrued vacation and sick pay	1,878,355	(91,387)	1,969,742	-2155.4%	12
13	Increase in net other postretirement benefits liability	1,205,616	1,054,913	150,703	14.3%	13
14	Increase (decrease) in net pension obligation	1,208,409	1,057,233	151,176	14.3%	14
15	Decrease in other liabilities	(375,079)	(221,135)	(153,944)	69.6%	15
16	Increase (decrease) in deferred inflows of resources related to net pension liability	-	-	-	0.0%	16
17	Net cash used in operating activities	(39,849,594)	(27,031,708)	(12,817,886)	47.4%	17

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Sewerage and Water Board of New Orleans
Total System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End

EUM Attribute:
Financial Viability

Description: Establish and maintain an effective balance between long-term debt, assets values, operations and maintenance expenditures, and operating revenues.

Constituency:
Suppliers and Bondholders

Objective: Provide adequate cash to pay invoices on a timely basis

Goal: Cash balance of at least 180 days of O&M expenses.

Currently Meeting Goal: Yes

Process Operating Within Control Limits: Yes

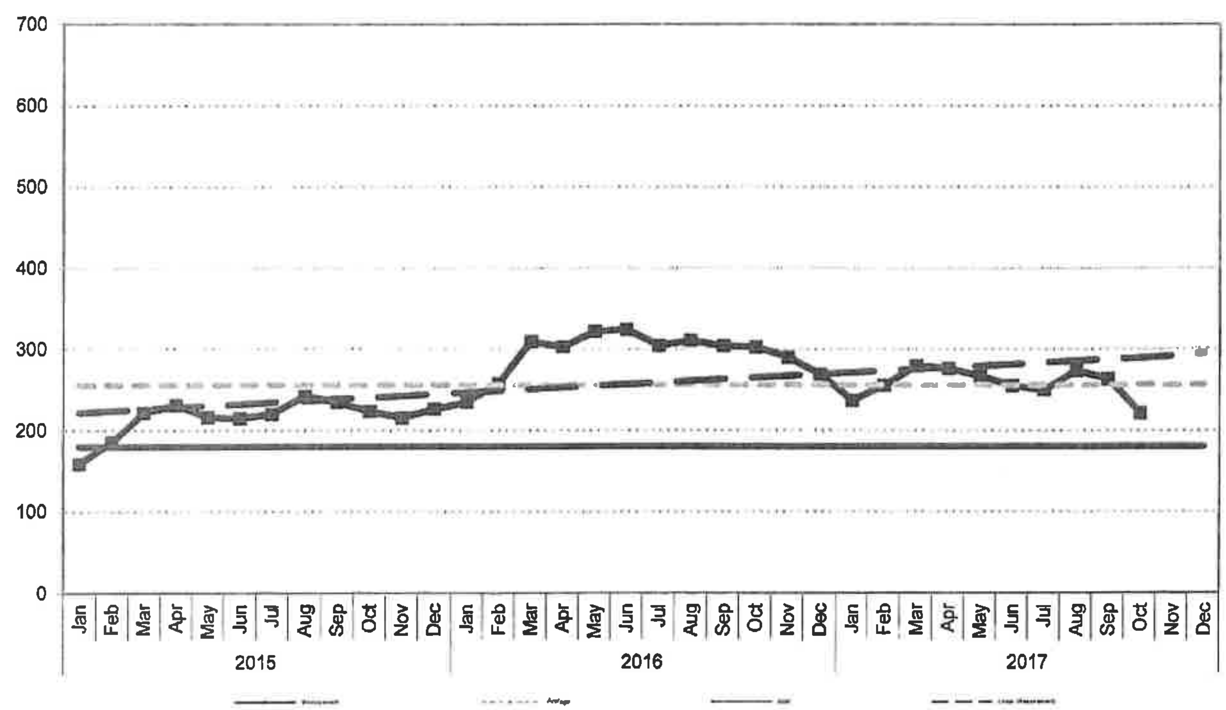
Trend: Unfavorable

Analysis

Monthly cash balances have remained stable except for repayment of previous inter-system loans. Note: Reclassification of certain currents assets from restricted to unrestricted in October 2013 resulted in higher unrestricted balances.

Plans for Improvement

Utilize revenues generated from operations to increase cash balances according to 2011-2020 Financial Plan.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	158.8	185.6	221.5	230.9	216.1	214.6	220.1	241.7	234.7	223.1	215.7	226.1
2016	234.7	257.4	309.3	302.7	321.7	324.2	304.3	310.6	304.1	302.0	289.7	269.0
2017	236.4	255.0	279.2	275.9	266.7	254.8	249.5	273.7	263.4	221.0		

Sewerage and Water Board of New Orleans
Water System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End

EUM Attribute:
Financial Viability

Description: Establish and maintain an effective balance between long-term debt, assets values, operations and maintenance expenditures, and operating revenues.

Constituency: Suppliers and Bondholders

Objective: Provide adequate cash to pay invoices on a timely basis

Goal: Cash balance of at least 180 days of O&M expenses.

Currently Meeting Goal: No

Process Operating Within Control Limits: Yes

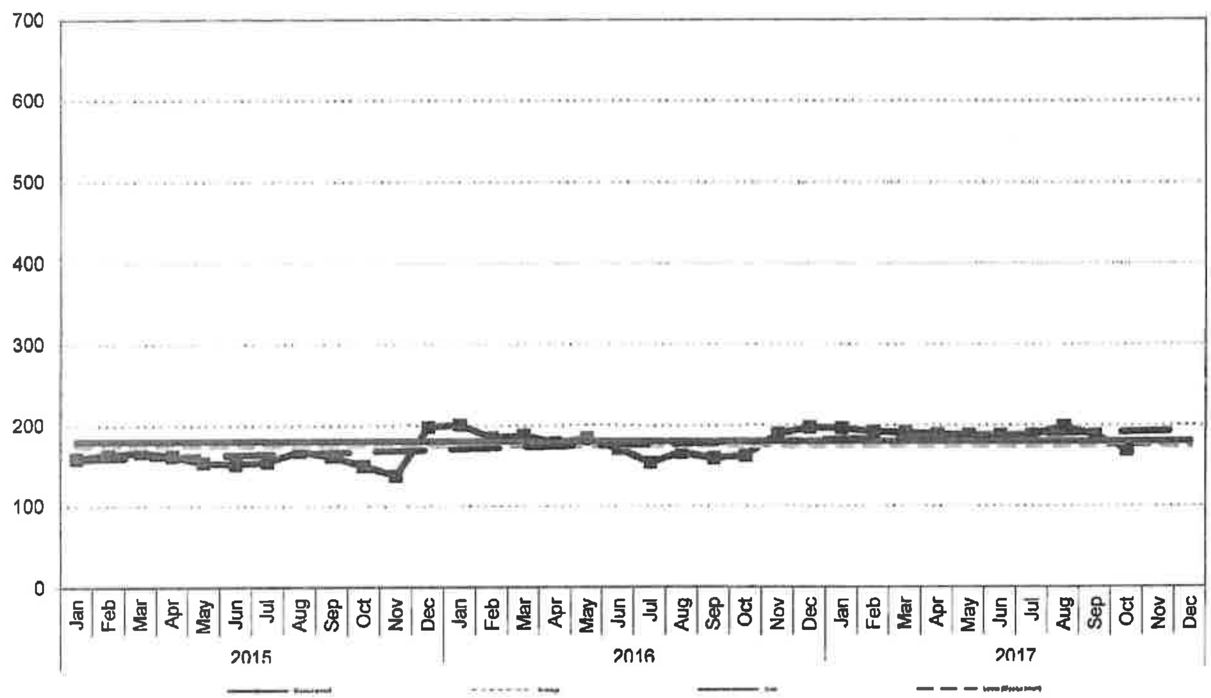
Trend: Unfavorable

Analysis

Monthly cash balances have remained stable except for repayment of previous inter-system loans. Note: Reclassification of certain current assets from restricted to unrestricted in October 2013 resulted in higher unrestricted balances.

Plans for Improvement

Utilize revenues generated from operations to increase cash balances according to 2011-2020 Financial Plan.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	158.9	163.6	167.0	162.1	153.4	151.6	154.2	167.7	161.2	149.5	137.4	197.9
2016	200.6	184.5	187.7	178.0	183.0	171.5	153.5	165.9	158.9	162.2	189.3	197.3
2017	196.2	191.3	190.9	188.7	188.1	187.2	187.8	198.2	187.2	168.8		

Sewerage and Water Board of New Orleans
Sewer System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End

EUM Attribute:
Financial Viability

Description: Establish and maintain an effective balance between long-term debt, assets values, operations and maintenance expenditures, and operating revenues.

Constituency: Suppliers and Bondholders

Objective: Provide adequate cash to pay invoices on a timely basis

Goal: Cash balance of at least 180 days of O&M expenses.

Currently Meeting Goal: Yes

Process Operating Within Control Limits: Yes

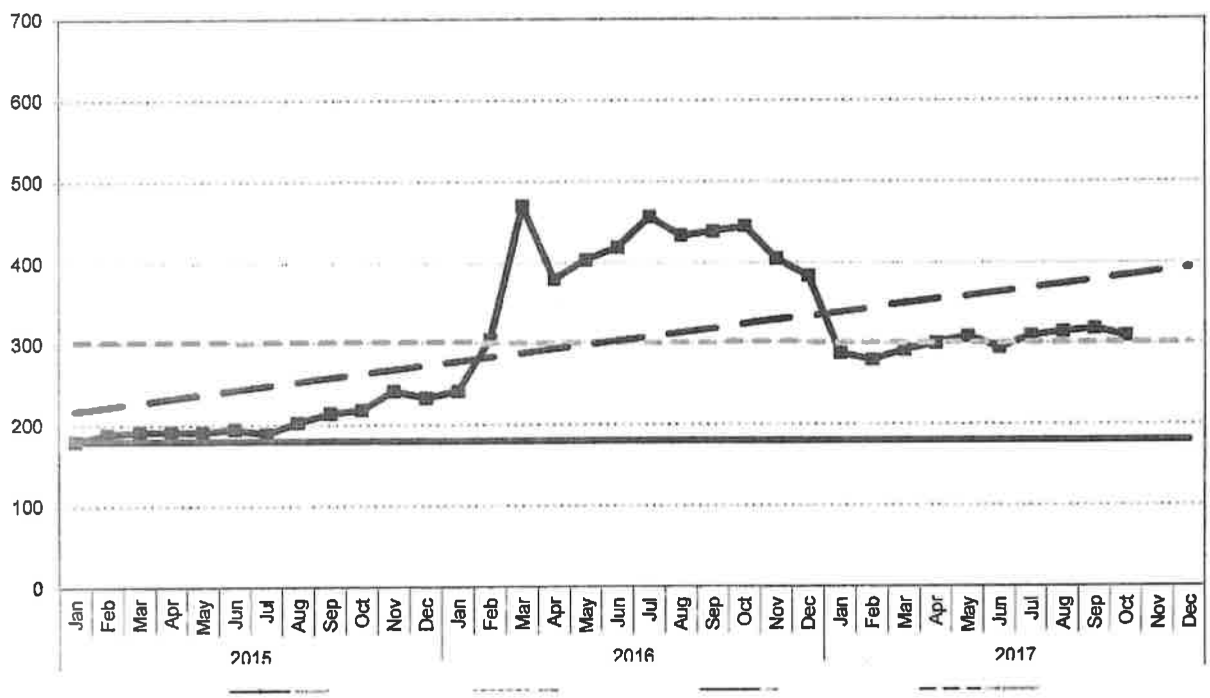
Trend: Unfavorable

Analysis

Monthly cash balances have remained stable except for repayment of previous inter-system loans. Note: Reclassification of certain current assets from restricted to unrestricted in October 2013 resulted in higher unrestricted balances.

Plans for Improvement

Utilize revenues generated from operations to increase cash balances according to 2011-2020 Financial Plan.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	180.0	188.6	191.4	191.4	191.1	194.5	188.9	202.9	213.7	218.3	241.3	233.0
2016	241.4	305.3	469.9	380.4	403.7	419.5	456.4	433.1	438.7	444.9	405.1	383.9
2017	287.5	279.1	291.3	300.4	308.7	294.4	309.3	314.6	317.9	309.3		

Sewerage and Water Board of New Orleans
Drainage System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End

EUM Attribute: **Financial Viability**

Description: Establish and maintain an effective balance between long-term debt, assets values, operations and maintenance expenditures, and operating revenues.

Constituency: **Suppliers and Bondholders**

Objective: Provide adequate cash to pay invoices on a timely basis

Goal: Cash balance of at least 180 days of O&M expenses.

Currently Meeting Goal: No

Process Operating Within Control Limits: Yes

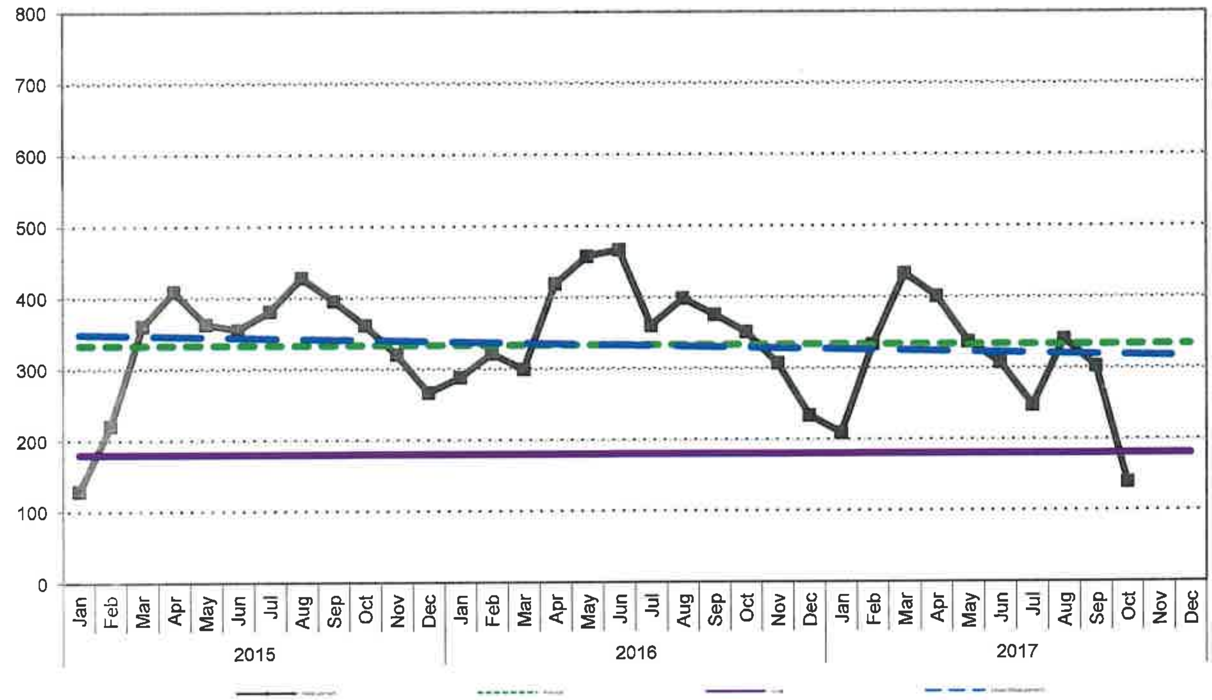
Trend: Unfavorable

Analysis

Monthly cash balances typically increase during the first quarter from property tax collections and then decrease for the remainder of the year. The long-term goal will not be met until a new revenue stream for the drainage system is created and implemented.

Plans for Improvement

Utilize revenues generated from operations to increase cash balances according to 2011-2020 Financial Plan.



Data Table

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	129.2	220.6	360.8	409.2	363.2	355.3	381.5	428.2	395.7	361.6	320.2	267.0
2016	287.9	321.6	299.4	419.2	457.5	466.6	360.3	398.3	375.3	351.2	306.8	233.7
2017	209.5	333.3	432.7	400.8	337.1	307.5	247.6	340.3	302.4	139.2		

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

Statement of Revenues, Expenses, and Changes in Net Position with Prior Year Comparisons	Total	Water	Sewer	Drainage
Revenues				
Operating Expenses				
Non-Operating Revenues and Expenses				
Income before Capital Contributions				

Statement of Revenues, Expenses, and Changes in Net Position with Budget Comparisons	Total	Water	Sewer	Drainage
Revenues				
Operating Expenses				
Non-Operating Revenues and Expenses				
Income before Capital Contributions				

Statement of Net Position with Prior Year Comparisons	Total	Water	Sewer	Drainage
Plant, Property, and Equipment				
Restricted Current Assets				
Unrestricted Designated Current Assets				
Unrestricted Undesignated Current Assets				
Net Position				
Long-Term Liabilities				
Current Liabilities from Unrestricted Assets				
Current Liabilities from Restricted Assets				

Statement of Cash Flows with Prior Year Comparisons	Total	Water	Sewer	Drainage
Operating Activities				
Non-Capital Financing Activities				
Capital and Related Financing Activities				
Investing Activities				
Net Increase in Cash				

Green = Favorable Variance

Yellow = Unfavorable Variance / No Action Recommended

Red = Unfavorable Variance / Action Recommended

Sewerage And Water Board
Inter-Office Memorandum

Date: December 8, 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. Southeast Safety and Supply
   1501 River Oaks Road West, Harahan, LA 70123

   - Furnishing Safety Supplies
   - Start date 1/1/18 thru 12/31/18 with (1) one year renewal option
   - $124,668.85 annually

2. Assorted Products
   8612 Chef Menteur Hwy, New Orleans, LA 70127

   - Furnishing Paper Products and Janitorial Supplies
   - Start date 1/1/18 thru 12/31/18 with (1) one year renewal option
   - $70,543.50 annually

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

SEWERAGE AND WATER BOARD
Inter-Office Memorandum

Date: December 8, 2017

To: Valerie Rivers, Deputy Director - Logistics
Sharon Judkins, Deputy Director - Human Resources

From: Veronica Johnson-Christmas, EDBP

Re: EDBP Contract/Certification Summary - November 2017

Analyses conducted by EDBP

For the month of November 2017, EDBP Department reviewed three (3) Goods and Services contracts.

Goods and Services Contracts:

1) **Furnishing Hand Tools, Hardware Supplies, Paint & Paint Supplies - REQ NO. YW18-0001**

   The EDBP compliance team received one (1) bid on Thursday, November 16, 2017 for subject contract. Thirty (30%) percent SLDBE participation was requested on subject contract. Bid total is as follows:

   Assorted Products, LLC $314,142.90

   The sole bidder, **Assorted Products, LLC** submitted **Westbank Paper & Janitorial Supply, Inc.** (eligible certified SLDBE) to supply tools, hardware supplies, paint and paint supplies for $94,500.00 - 30%.

   Based upon the analysis of SLDBE participation, the Economically Disadvantaged Business Program recommends that the SLDBE participation submitted by Assorted Products, LLC be considered as responsive.

2) **Furnishing Paper Products and Janitorial Supplies - REQ NO. YW18-0003**

   The EDBP compliance team received one (1) bid on Thursday, November 16, 2017 for subject contract. Thirty (30%) percent SLDBE participation was requested on subject contract. Bid total is as follows:

   Assorted Products, LLC $70,543.50

   The sole bidder, **Assorted Products, LLC** submitted **Westbank Paper & Janitorial Supply, Inc.** (eligible certified SLDBE) to supply paper products and janitorial supplies for $21,163.05 - 30%.

Based upon the analysis of SLDBE participation, the Economically Disadvantaged Business Program recommends that the SLDBE participation submitted by Assorted Products, LLC be considered as responsive.

3) **Furnishing Safety Supplies - REQ NO. YW18-0002**

The EDBP compliance team received one (1) bid on Thursday, November 16, 2017 for subject contract. Thirty percent (30%) SLDBE participation was requested on subject contract.

Bid total is as follows:

Southeast Safety & Supply	$124,668.85

The sole bidder, **Southeast Safety & Supply** submitted **Assorted Products, LLC** (eligible certified SLDBE) to provide safety supplies for $38,648.00 - 31%.

Based upon the analysis of SLDBE participation, the Economically Disadvantaged Business Program recommends that the SLDBE participation submitted by Southeast Safety & Supply be considered as responsive.

Construction Review Committee Recommendations

The Construction Review Committee convened Wednesday, November 8, 2017 and made the following recommendations.

OPEN MARKET CONTRACTS

1. **Contract #30102 - Structural Repairs and Improvements DPS 17/Station D**

Budget Amount:	$9,200,340.00
Recommended Percentage Goal:	36%
Renewal Option(s):	None

Staff Contract Review Committee Recommendations

The Staff Contract Review Committee convened on Wednesday, November 8, 2017 and made the following recommendations:

OPEN MARKET CONTRACTS

1. Furnishing and Delivering Gasoline & Diesel Fuel

Budget Amount:	$2,000,000.00
Recommended Percentage Goal:	0%
Justification:	There are no DBEs certified in this area
Renewal Option:	One (1) time renewal

2. Furnishing and Installing Automotive Remanufactured Engines and Related Parts to the Sewerage & Water Board of New Orleans

Budget Amount:	$350,000.00
Recommended Percentage Goal:	0%
Justification:	There are no DBEs certified in this area
Renewal Option:	One (1) time renewal

3. Furnishing Solid Waste Disposal Services

Budget Amount:	$100,000.00
Recommended Percentage Goal:	20%
Renewal Option:	Two (2) - one (1) year renewals

RENEWAL CONTRACTS

4. Furnishing and Delivering Lubricant Petroleum Products to the S& WBNO

Budgeted Amount:	$125,000.00
Contract Value:	$100,583.05
Actual Spent:	$21,259.15
Prime Contractor:	Gulf Coast Oil & Supply
Recommended Percentage Goal:	0%
Justification:	There are no DBEs certified in this area

Final Acceptance of Construction Contract(s) with DBE Participation

Contract #1351 - Repairs to A & B Pumps and Auxiliaries at MWPP

DBE Goal:	6%
DBE Participation Achieved:	6.67%
Prime Contractor:	Lou-Con, Inc.
Closeout Date:	December 2017

The Economically Disadvantaged Business Program recommends that the participation on subject contract be approved for Final Acceptance.

Contract #1371 - HMGP Structural General Contract

DBE Goal:	36%
DBE Participation Achieved	29.73%
Prime Contractor:	Alfred Conhagen Inc., of LA
Closeout Date:	December 2017

Based on review of the prime contractor's written justification of Good Faith Effort that Sewerage & Water Board's project manager removed tasks from the scope of work that had been designated for DBE participation and affirmation by Sewerage & Water Board's project manager; the Economically Disadvantaged Business Program department recommends that the participation on subject contract be approved for Final Acceptance.

Contract #1387 - Painting and Repairs of Four (4) Four-Million Gallon Water Storage Tanks at MWPP

DBE Goal:	28%
DBE Participation Achieved:	23.45%
Prime Contractor:	New Orleans Metalworks, Inc.
Closeout Date:	December 2017

Based on review of the prime contractor's written justification of Good Faith Effort that Sewerage & Water Board's project manager removed tasks from the scope of work that had been designated for DBE participation and affirmation by Sewerage & Water Board's project manager; the Economically Disadvantaged Business Program department recommends that the participation on subject contract be approved for Final Acceptance.

Contract #2105 - Replacement of Water Lines Damaged by Hurricane Katrina within Various Roadways in Different Neighborhoods throughout the City of New Orleans

DBE Goal:	36%
DBE Participation Achieved	56.33%
Prime Contractor:	Boh Bros. Construction Co.
Closeout Date:	December 2017

The Economically Disadvantaged Business Program recommends that the participation on subject contract be approved for Final Acceptance.

Contract #30103 - Installation of Emergency Discharge Connections at Horace, Huntlee, Holiday, and Eton Sewage Pumping Plants

DBE Goal:	36%
DBE Participation Achieved	56.48%
Prime Contractor:	Fleming Construction Co.
Closeout Date:	December 2017

The Economically Disadvantaged Business Program recommends that the participation on subject contract be approved for Final Acceptance.

Sewerage & Water Board of New Orleans Contracts with DBE Participation January through November 2017

Sewerage & Water Board Contracts with DBE Participation January 2017 - November 2017

Construction Contracts

Contract Description	Contract Dollar Amount	Prime Contractor	DBE Sub-Contractor	Awarded DBE %		Awarded DBE Dollar Value	Award Date
			The Beta Group	0.21%	$50,000.00		
			JEI Solutions	9.70%	$2,279,000.00		
			Landrieu Concrete & Cement Inc.	0.64%	$150,000.00		
			C.Watson Group	1.43%	$336,000.00		
#1368 - HMGP Oak Street Pump Station Upgrade and Rehabilitation Project	$23,492,500.00	M.R. Pitmann Group, LLC	**Total**	**11.98%**		**$2,815,000.00**	1/18/17
#6260 - Rewind of Constant Duty Motors #1 and #2 at the DPS #6 and Ammortissuer Winding Replacement and Cleaning of Motor "C" at DPS #6 and DPS #7	$595,000.00	Bollinger Armature Services, LLC	Next Generation Logistics, LLC	**5.07%**		**$30,166.00**	3/15/17
#6261 - 2017 Rewind of the Sewage Pump Motor at Sewage Pump Station #21	$93,610.00	Houma Armature Works & Supply, LLC	JEI Solutions	**5.02%**		**$4,700.00**	3/15/17
			Prince Dump Truck Service	7.68%	$226,000.00		
			C&M Construction Group, Inc.	28.53%	$840,000.00		
#2126 - 2017 Water Main Point Repair, Water Service Connection, Water Valve, and Fire Hydrant Point Replacement at Various Sites throughout Orleans Parish	$2,944,440.00	Wallace C. Drennan, Inc.	**Total**	**36.20%**		**$1,066,000.00**	3/15/17
#2127 - Algiers Lock Forebay Waterline Replacement	$271,375.00	BLD Services, LLC	Choice Supply Solutions	**12.25%**		**$33,250.00**	3/15/17
#30210 - Restoration of Gravity Flow Sanitary Sewers by Point Repair of Sewer Mains at Various Sites throughtout the City of New Orleans	$1,503,700.00	Grady Crawford Construction Co., Inc.	Purnell Construction Co., LLC	**36.24%**		**$545,000.00**	7/19/17
			Hebert's Trucking and Equipment Service, LLC	2.90%	$35,000.00		
			EFT Diversified, Inc.	24.85%	300,000.00		
			Cooper Contracting Group, LLC	8.28%	100,000.00		
#2128 - Water Main Point Repair, Water Service Connection, Water Valve, and Fire Hydrant Replacement at Various Sites throughout Orleans Parish	$1,207,050.00	Fleming Construction Co., LLC	**Total**	**36.04%**		**$435,000.00**	7/19/17
			EFT Diversified, Inc.	12.84%	$691,845.00		
			APC Construction Co., Inc.	13.12%	707,162.00		
#1384 - Replacement of Backwash Equipment	$5,387,940.00	Industrial & Mechanical Contractors, Inc.	**Total**	**25.97%**		**$1,399,007.00**	9/20/17

Sewerage & Water Board Contracts with DBE Participation January 2017 - November 2017

Construction Contracts

Contract Description	Contract Dollar Amount	Prime Contractor	DBE Sub-Contractor	Awarded DBE %	Awarded DBE Dollar Value	Award Date
#6259 - Installation of Permanent Generators at five Drainage Pumping Stations	$1,438,610.00	Industrial & Mechanical Contractors, Inc.	EFT Diversified, Inc.	38.26%	$550,401.50	9/20/17
Total Construction Contracts	**$36,934,225.00**			18.62%	**$6,878,524.50**	

Sewerage & Water Board of New Orleans Contracts with DBE Participation January 2017 - November 2017

Goods & Services Contracts

Contract Description	Contract Dollar Amount	Prime Contractor	DBE Subcontractor	DBE %	DBE Dollar Value	Award Date
YW 17-0005; Furnishing Rubber PVC Hip Boots and Knee Boots	$199,996.00	Southeast Safety and Supply	Assorted Products	31.00%	**$62,000.00**	2/15/2017
YW 17-0010;Furnishing Riversand and Mason Sand to the SWBNO	$295,540.00	Trucking Innovations, LLC	Blakely AA Trucking LLC	30.00%	**$88,662.00**	3/15/2017
YW 17-0013;Furnishing Safety Supplies	$120,298.85	Southeast Safety and Supply	Assorted Products	31.00%	**$37,293.00**	9/20/2017
YW 17-0014;Furnishing Paper Products and Janitorial Supplies	$70,561.50	Assorted Products	Westbank Paper & Janitorial Supply, Inc.	30.00%	**$21,170.25**	9/20/2017
YW 17-0063; Hand Tools, Hardware Supplies, Paint & Paint Supplies	$316,826.65	Assorted Products	Westbank Paper & Janitorial Supply, Inc.	30.00%	**$95,048.00**	9/20/2017
YW 17-0064; Aerosol, Janitorial & Industrial Chemicals	$240,123.00	Assorted Products	Westbank Paper & Janitorial Supply, Inc.	30.00%	**$72,036.90**	9/20/2017
Total Goods & Services Contracts	**$1,243,346.00**			30.26%	**$376,210.15**	

Sewerage & Water Board Contracts with DBE Participation January 2017 - November 2017

Professional Service Contracts

Contract Description	Contract Dollar Amount	Prime Contractor	DBE Sub-Contractor	DBE %	DBE Dollar Value	Awarded DBE Value	Award Date
Communication/Marketing Firm	$200,000.00	The Ehrhardt Group, Inc.	The Hawthorne Agency, Inc.	40.00%		**$80,000.00**	2/15/2017
404 Hazard Mitigation Grant Program Contract 3664 Replacement of Sewage Pumping Station 8 Testing Services	$120,268.67	Gulf South Engineering and Testing, Inc.	Kenall, Inc.	35.00%		**$42,094.03**	4/3/2017
Total Professional Services Contracts	**$320,268.67**			38.12%		**$122,094.03**	

Project Delivery Unit November's Report

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	$ 2,131,371.24	$ 549,146.47	26%	19	$ 1,030,774.25	13	95%	65%	6	$ 654,667.10
Central Yard	42	$ 28,835,466.40	$ 22,213,257.57	77%	33	$ 22,553,775.66	22	79%	52%	11	$ 15,804,710.91
Wastewater Treatment Plant	128	$ 90,721,028.97	$ 75,476,482.45	83%	127	$ 84,856,520.97	121	99%	95%	6	$ 37,755,947.72
Carrollton Water Plant	55	$ 74,692,182.16	$ 60,028,570.62	80%	50	$ 12,013,473.29	40	91%	73%	10	$ 8,566,593.68
Distribution Network	82	$ 525,597,609.71	$ 182,818,926.65	35%	17	$ 30,458,384.48	11	21%	13%	6	$ 16,244,414.47
Pump Stations	166	$ 81,943,434.63	$ 68,200,421.78	83%	149	$ 61,627,367.27	129	90%	78%	20	$ 21,112,111.53
Total	**493**	**$ 803,921,093.11**	**$ 409,286,805.54**	**51%**	**395**	**$ 212,540,295.92**	**336**	**80%**	**68%**	**59**	**$ 100,138,445.41**

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	Total # of Contracts Completed	Total $ Value Submitted for Closeout	# PWs Contracts Closed	% Submitted	% Closed	# Contracts Submitted but Not Closed	Total $ Value Submitted but Not Closed
Retrofit of Power House	39	9	$ 91,510,697.00	$ 47,661,044.44	49%	0	$ -	0	0%	0%	0	$ -
Flood Mitigation of 9 SPS	6	9	$ 19,987,722.00	$ 15,028,080.21	63%	0	$ -	0	0%	0%	0	$ -
Total		**18**	**$ 111,498,419.00**	**$ 59,445,458.36**	**52%**	**0**	**$ -**	**0**	**0%**	**0%**	**0**	**$ -**

Hurricane Ike Hazard Mitigation	HMGP No.	# of Projects	Obligations	FEMA Revenue Received	% Financially Complete	Total # of Contracts Completed	Total $ Value Submitted for Closeout	# PWs Contracts Closed	% Submitted	% Closed	# Contracts Submitted but Not Closed	Total $ Value Submitted but Not Closed
Retrofit of Power House	2	1	$ -	$ -	0%	0	$ -	0	0%	0%	0	$ -
Total		**1**	**$ -**	**$ -**	**0%**	**0**	**$ -**	**0**	**0%**	**0%**	**0**	**$ -**