

**ADOPTION OF 2019 CAPITAL BUDGET**

**WHEREAS**, the recommended 2019 Capital Budget for the water, sewerage, and drainage systems is **\$582,633,383**; and

**WHEREAS**, funding is projected to be available through revenues, reserves, bond proceeds, and participation by others to finance the Capital Budget are **\$170,665,730**;

**WHEREAS**, the drainage system portion of the recommended 2019 Capital Budget is **\$111,018,750** requiring a commitment of \$47,301,714 of which the funds projected to finance it are **\$47,301,714** resulting in a deferral of projects totaling **\$63,717,036**; and

**WHEREAS**, the water system portion of the recommended 2019 Capital Budget is **\$234,797,501** requiring a commitment of \$60,667,242 of which the funds projected available to finance it are **\$60,667,242** resulting in a deferral of projects totaling **\$174,130,259** ; and

**WHEREAS**, the sewerage system portion of the recommended 2019 Capital Budget is **\$236,817,132** requiring a commitment of \$62,696,774 of which the funds are projected available to finance it are **\$62,696,774** resulting in a deferral of projects totaling **\$174,120,358**; and

**WHEREAS**, the recommended 2017-2026 Capital Improvement Program is **\$3,033,212,782**;

**NOW THEREFORE BE IT RESOLVED** that the Sewerage and Water Board of New Orleans does hereby adopt the 2019 Total Capital Budget of **\$582,633,383** with funding totaling **\$170,665,730**; and

**BE IT FURTHER RESOLVED** that the Sewerage and Water Board does hereby accept 2017-2026 Capital Improvement Program.

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I, Ghassan Korban, Executive Director,  
Sewerage and Water Board of New Orleans,  
do hereby certify that the above and foregoing  
is a true and correct copy of a resolution adopted  
at the Regular Meeting of the said Board,  
duly called and held, according to law, on  
December 19, 2018.

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

**2019 OPERATING BUDGET**

**WHEREAS**, the Sewerage and Water Board has reviewed the Recommended 2019 Operating Budget of which **\$83,225,273** is from the Water Department, **\$92,172,009** is from the Sewerage Department, and **\$56,095,242** is for the Drainage Department for a Total Operation and Maintenance Expense Budget of **\$231,492,523**; and

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

**WHEREAS**, the authorized expenditure categories for 2019 are:

<b><u>EXPENDITURE CATEGORIES</u></b>	<b><u>2019 BUDGET</u></b>
Personnel Services	\$115,012,562
Services and Utilities	65,327,722
Material and Supplies	55,122,504
Special Current Charges	6,824,502
Furniture and Equipment	1,205,233
Budget Adjustments	<u>(12,000,000)</u>
<b>TOTAL Operation and Maintenance Expense</b>	<b>\$231,492,523</b>

**NOW THEREFORE BE IT RESOLVED** that the Sewerage and Water Board of New Orleans does hereby approve the 2019 Operating and Maintenance Budget in the amount of **\$231,492,523**.

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I, Ghassan Korban, Executive Director,  
Sewerage and Water Board of New Orleans,  
do hereby certify that the above and foregoing  
is a true and correct copy of a resolution adopted  
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**Ghassan Korban**  
**EXECUTIVE DIRECTOR**  
**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**PRELIMINARY RESOLUTION AUTHORIZING  
DRAINAGE SYSTEM BONDS**

**WHEREAS**, the pursuant to the provisions of Sections 4147 to 4156, inclusive, of Title 33 of the Louisiana Revised Statutes of 1950, as amended (the "Act"), and other constitutional and statutory authority, the City of New Orleans, Louisiana (the "City"), acting through the Sewerage and Water Board of New Orleans (the "Sewerage and Water Board") and the Board of Liquidation, City Debt (the "Board of Liquidation"), has the power and is authorized to issue bonds for drainage purposes payable from the proceeds of a special ad valorem tax for drainage purposes, which was authorized pursuant to an election held on December 10, 2016, to be levied for a period of thirty (30) years, beginning with the year 2017, at a rate of 4.46 mills (the "Tax"); and

**WHEREAS**, the Sewerage and Water Board desires to pay the costs of construction, improvement and extension of the drainage systems of the City, excluding subsurface drainage systems and their appurtenances (the "Project"), through the issuance of its Drainage System Bonds (the "Bonds"), in one or more series; and

**WHEREAS**, the City, acting by and through the Sewerage and Water Board and the Board of Liquidation, pursuant to the Act, and pursuant to Part XIV, Chapter 4, Title 39 of the Louisiana Revised Statutes of 1950, as amended, now desires to proceed with the issuance of the Bonds; and

**WHEREAS**, the Sewerage and Water Board desires to give preliminary approval of the issuance of the Bonds; and

**WHEREAS**, prior to the issuance of the Bonds, the Sewerage and Water Board intends to expend its own funds on projects for the drainage systems of the City, and reasonably expects to reimburse said expenditures from the proceeds of the Bonds in an amount not exceeding \$10,000,000;

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

1. Findings. This Sewerage and Water Board finds and determines that the issuance of the Bonds will be advantageous to the City.

2. Preliminary Approval of Bonds. Pursuant to the provisions of Section 39:1430 of the Louisiana Revised Statutes of 1950, as amended, and other constitutional and statutory authority, preliminary approval is given to the issuance of not exceeding \$40,000,000.00 of Drainage System Bonds for, on behalf of, and in the name of the City, for the purpose of constructing, improving and extending the Project, funding a debt service reserve fund, if required, and paying costs of issuance associated therewith. The Bonds shall be issued in one or more series, shall bear interest at a rate or rates not to exceed six percent (6.0%) per annum, to be determined by subsequent resolution of the Board of Liquidation at the time of sale of the Bonds, and shall mature no later than December 1, 2046. The Bonds shall be issued in fully registered form, shall be sold in accordance with the provisions of the Act and at a price to be determined by the Board of Liquidation, as shall be finally fixed in a resolution to be adopted by the Board of Liquidation.

3. Security for the Drainage System Bonds. The Bonds will be payable solely from the revenues of the Tax, which the City is bound under the terms and provisions of law to annually impose and collect through the year 2046, together with any other amounts pledged under the resolution issuing the Bonds.

4. State Bond Commission. Application is hereby made to the State Bond Commission, Baton Rouge, Louisiana, for approval of the issuance and sale of the Bonds, and for consent and authority to proceed with the issuance and sale of the Bonds, as provided above, and co-bond counsel are directed to make application to the State Bond Commission in accordance with the foregoing.

By virtue of applicant/issuer's application for, acceptance and utilization of the benefits of the Louisiana State Bond Commission's approval(s) resolved and set forth herein, it resolves that it understands and agrees that such approval(s) are expressly conditioned upon, and it further resolves that it understands, agrees and binds itself, its successors and assigns to, full and continuing compliance with the "State Bond Commission Policy on Approval of Proposed Use of Swaps, or other forms of Derivative Products Hedges, Etc.", adopted by the Commission on July 20, 2006, as to the borrowing(s) and other matter(s) subject to the approval(s), including subsequent application and approval under said Policy of the implementation or use of any swap(s) or other product(s) or enhancement(s) covered thereby.

5. Request for Approval. A certified copy of this resolution shall be furnished to the New Orleans City Council. The Sewerage and Water Board hereby requests the City Council and the Board of Liquidation to approve this resolution and any other resolutions of the Sewerage and Water Board providing for the issuance of the Bonds, if requires by law.

6. Intent to Reimburse. Prior to the issuance of the Bonds, the Sewerage and Water Board will expend its own funds on projects for the drainage systems of the City. Upon issuance of the Bonds, the Sewerage and Water Board reasonably expects to reimburse itself for said expenditures from the proceeds of the Bonds. Any such allocation of the proceeds of the Bonds will be with respect to capital expenditures [as defined in Treasury Regulation 1.150-1(h)] and will be made upon the delivery of the Bonds and in accordance with said Regulation. This resolution is intended to be a declaration of intent to reimburse in accordance with the provisions of Treasury Regulation 1.150-2. This Resolution is further intended to be a continuation of the declaration of intent to reimburse made by this Sewerage and Water Board on February 21, 2018, as part of Resolution R-024-2018.

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I, Ghassan Korban, Executive Director,  
Sewerage and Water Board of New Orleans,  
do hereby certify that the above and foregoing  
is a true and correct copy of a resolution adopted  
at the Regular Meeting of the said Board,  
duly called and held, according to law, on  
December 19, 2018.

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

**RESOLUTION AUTHORIZING APPLICATION TO THE  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**WHEREAS** the Sewerage and Water Board of New Orleans (the "Sewerage and Water Board") is in need of major sewerage system rehabilitation; and

**WHEREAS** loans and/or grants for this project may be available through the State Revolving Fund loan program operated by the Louisiana Department of Environmental Quality:

**BE IT RESOLVED** by the Sewerage and Water Board of New Orleans that:

1. The Chief Financial Officer of the Sewerage and Water Board (the " Chief Financial Officer") is hereby authorized to submit Loan Applications (pre-application and application) in the maximum amount of \$30,000,000.00 to the Department of Environmental Quality on behalf of the Sewerage and Water Board for the purpose of placing projects on the Project Priority List for funding through its State Revolving Fund loan program.
2. The Chief Financial Officer is further authorized to furnish such additional information as may reasonably be requested in connection with the pre-application(s) and/or application(s).

**NOW THEREFORE, BE IT FURTHER RESOLVED** The Chief Financial Officer is hereby designated as the Official Project Representative for the District for any project(s) that may result from the submission of the pre-application and/or application.

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I, Ghassan Korban, Executive Director,  
Sewerage and Water Board of New Orleans,  
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**Ghassan Korban**  
**EXECUTIVE DIRECTOR**  
**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**RESOLUTION AUTHORIZING APPLICATION TO THE  
LOUISIANA DEPARTMENT OF HEALTH**

**WHEREAS**, the Sewerage and Water Board of New Orleans (the "Sewerage and Water Board") is in need of major waterworks system rehabilitation; and

**WHEREAS**, loans and/or grants for this project may be available through the State Revolving Fund loan program operated by the Louisiana Department of Health:

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

The Chief Financial Officer of the Sewerage and Water Board (the " Chief Financial Officer ") is hereby authorized to submit Loan Application (pre-application and application) in the maximum amount of \$60,000,000 to the Department of Health on behalf of the Sewerage and Water Board for the purpose of placing projects on the Project Priority List for funding through its State Revolving Fund loan program.

The Chief Financial Officer is further authorized to furnish such additional information as may reasonably be requested in connection with the pre-application(s) and/or application.

**BE IT FURTHER RESOLVED** that The Chief Financial Officer is hereby designated as the Official Project Representative for the District for any project that may result from the submission of the pre-application(s) and/or application.

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I, Ghassan Korban, Executive Director,  
Sewerage and Water Board of New Orleans,  
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**Ghassan Korban**  
**EXECUTIVE DIRECTOR**  
**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**2019 Operating Budget and 2019 Capital Budget Blanket Appropriations  
December 19, 2018**

**WHEREAS**, as authorized by Louisiana R.S. 33:4083, all funds received by Sewerage and Water Board of New Orleans (SWBNO) from water rates, and from the City of New Orleans by appropriation from its treasury, shall be deposited to the credit of the SWBNO as collected, with fiscal agent of the City of New Orleans, and 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 SWBNO funds on deposit with the Board of Liquidation, City Debt, and;

**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 2019 Operating Budget and 2019 Capital Budget, by those designated parties, both within the SWBNO as specified by its by-laws and by and through warrants drawn on the Board of Liquidation, City Debt.

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I, Ghassan Korban, Executive Director,  
Sewerage and Water Board of New Orleans  
do hereby certify that the above and foregoing  
is a true and correct copy of a Resolution  
adopted at the Regular Monthly Meeting of  
said Board, duly called and held, according to  
law on December 19, 2018.

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**GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE & WATER BOARD OF NEW ORLEANS**

**GENERAL SUPERINTENDENT RECOMMENDATIONS  
FOR THE DECEMBER 19, 2018 MEETING**

**A. FINAL ACCEPTANCE.** A listing of final acceptance contracts for the month of November 2018 is included in the following report. A brief summary is attached for your review.

Item 1 - R-181-2018 - CONTRACT 5241 - DRAINAGE SYSTEM  
SUPPORT ANTI-SIPHON REPLACEMENT DPS 1  
PROJECT

- R-184-2018 - H0960 - GEOTECHNICAL ENGINEERING  
SERVICES NECESSARY FOR THE  
IMPLEMENTATION OF THE SEWERAGE & WATER  
BOARD OF NEW ORLEANS GREEN  
INFRASTRUCTURE PLAN



**GENERAL SUPERINTENDENT RECOMMENDATIONS  
REPORT OF FINAL ACCEPTANCE TO BE  
CONSIDERED BY THE FINANCE AND ADMINISTRATION COMMITTEE  
AND THE BOARD'S MEETING OF DECEMBER 19, 2018**

The final acceptance contracts for the month of November 2018 are as follows:

1.

**REPORT OF FINAL ACCEPTANCE**

**PROPOSAL:**

Contracts 5241 and H0960 be considered for acceptance.

**EVALUATION:**

Contract 5241 - **M.R. Pittman** - Drainage System Support Anti-Siphon Replacement DPS 1 Project. Total Contract Bid \$529,000.00. Total Contract Expenditure \$608,237.54. Date Work Order Issued May 22, 2018. Date Work Accepted September 16, 2018. The DBE Participation Goal is 10%. The DBE participation achieved is 40%.

H0960 - **Eustis Engineering LLC** - Geotechnical Engineering Services Necessary for the Implementation of the Sewerage & Water Board of New Orleans Green Infrastructure Plan . Total Contract Bid \$97,795.25. Total Contract Expenditure \$65,467.30. Date Work Order Issued October 10, 2016. Date Work Accepted June 15, 2018. The DBE Participation Goal is 35%. The DBE participation achieved is 19.2%.

**RECOMMENDATION:**

The above contracts are recommended for acceptance.

**RATIFICATION OF FINAL ACCEPTANCE AND CLOSE OUT OF CONTRACT 5241, DRAINAGE SYSTEM SUPPORT ANTI- SIPHON REPLACEMENT DPS 1 PROJECT**

**WHEREAS**, the Sewerage and Water Board entered into Sewerage and Water Board Contract No. 5241 with M.R. Pittman, and

**WHEREAS**, all contract work related to contract 5241 was completed by November 6, 2018 by M. R. Pittman for a total contract expenditure of \$608,237.54. Contract purpose was to repair and upgrade the Anti-Siphon system at DPS 1 which is required to prime the pumps to allow pumping and to release the prime to prevent the pumps from allowing reverse flow, and

**WHEREAS**, Contract 5241 work includes replacement of inoperative valves and actuators, upgrade of DPS 1 vacuum pneumatic system and replacement of all hydraulic equipment to pneumatic within the vacuum system. Completed work has been inspected and approved by Sewerage and Water Board Representation, and

**WHEREAS**, Contract 5241 is ready for Final Acceptance by Sewerage & Water Board of New Orleans, and

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

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent, to authorize final acceptance and to close out Contract 5241, is hereby approved.

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I, Ghassan Korban, Executive Director,  
Sewerage and Water Board of New Orleans,  
do hereby certify that the above and foregoing  
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**Ghassan Korban**  
**EXECUTIVE DIRECTOR**  
**SEWERAGE AND WATER BOARD OF NEW ORLEANS**

**FINAL ACCEPTANCE AND CLOSE OUT TO CAPITAL PROJECT H0960 -  
GEOTECHNICAL ENGINEERING SERVICES NECESSARY FOR THE  
IMPLEMENTATION OF THE SEWERAGE & WATER BOARD OF NEW  
ORLEANS GREEN INFRASTRUCTURE PLAN**

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**WHEREAS**, Capital Project H0960 consisted of soil samples at 23 potential green infrastructure sites in New Orleans, analysis, mapping, and final report including the suitability of each site's soil profile for green infrastructure, and

**WHEREAS**, Capital Project H0960 with Eustis Engineering LLC as prime contractor was signed on September 20, 2016, with a Notice Proceed signed on October 10, 2016, and

**WHEREAS**, all anticipated work was completed and delivered by June 2017 under the original contract amount of \$97,795.25 at a project total of \$65,467.30, and

**WHEREAS**, the term of Capital Project H0960 expired on September 20, 2017, and

**WHEREAS**, the final invoice was not received until June 2018, in part, due to a change in project management staff, and

**WHEREAS**, the General Superintendent has recommended that this contract receive final acceptance and to be closed out.

**NOW, THEREFORE, BE IT RESOLVED**, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Capital Project H0960 by Eustis Engineering, is hereby approved.

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I, Ghassan Korban, Executive Director,  
Sewerage and Water Board of New Orleans, do hereby  
certify that the above and foregoing is a true  
and correct copy of a Resolution adopted at the Regular  
Monthly Meeting of said Board, duly called and held,  
according to law, on December 19, 2018.

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

**RATIFICATION OF CHANGE ORDER NO. 15 FOR CONTRACT 6247 – HAZARD  
MITIGATION GRANT PROJECT RETROFIT OF GENERATOR 4 AT THE  
CARROLLTON WATER PURIFICATION PLANT/POWER COMPLEX**

**WHEREAS**, the Sewerage and Water Board of New Orleans entered into Contract 6247 in the amount of \$6,695,750 with Industrial and Mechanical Contractors for Hazard Mitigation Grant funded repairs to Steam Turbine Generator 4 (STG 4) and,

**WHEREAS**, Change Order 15 represents a compilation fifty-seven (57) Field Change Orders (FCO) associated with the refurbishment of the STG 4 and a general description of the work included: Replacement of various gate and butterfly valves; Installation of various pressure switches, gauges, and controllers; Construction of a flowmeter manhole and auxiliaries over the existing 42" circulating water line; Revisions to the seal water piping, gaskets at boiler house, steam jet air ejector piping and electric lube oil pump; Various other ancillary items relative to the refurbishment of STG 4. Please see the Construction Management Change Order Detail Sheet (Page two of the Change Order 15 Scope of Changes Form) for more detail.

**WHEREAS**, this Change Order, in the amount of \$2,823,547.25, brings the accumulated Contract change order total to \$8,636,367.20, or 129% of the original Contract value, and

**NOW THEREFORE BE IT RESOLVED**, that approval of Change Order No. 15 for Contract 6247 is ratified by the Sewerage and Water Board of New Orleans.

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I, Ghassan Korban, Executive Director,  
Sewerage and Water Board of New Orleans, do hereby  
certify that the above and foregoing is a true  
and correct copy of a Resolution adopted at the Regular  
Monthly Meeting of said Board, duly called and held,  
according to law, on December 19, 2018.

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GHASSAN KORBAN  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# Sewerage & Water Board

## Inter-Office Memorandum

**Date:** December 4, 2018

**From:** Bruce Adams, P.E. *Bruce Adams* . *Adams* 12/5/2018  
Interim General Superintendent

**To:** Ghassan Korban  
Executive Director

**Re:** Contract #6247 – Hazard Mitigation Grant Project Retrofit of Generator 4

Enclosed please find a recommendation from the Chief of Engineering for approval of Change Order No. 15 for the above contract.

This change order represents the following fifty-seven items:

**FCO-069, Builders Risk Coverage for TG#4 Pre-Fault:** This change order is for Builders' Risk Coverage for TG#4 for two months.

**FCO-070, Additional Costs from Basler due to Delays associated with the Switchgear for TG#4:** Additional Cost from Basler due to delays associated with switchgear for TG#4

**FCO-071, Reroute STG-4 CT Switchgear Wiring:** Reroute STG-4 CT SWGR Wiring

**FCO-072, Install new HMI Meter in Chart Room:** Provide and install new HMI meter in Chart Room per SUL-00170 EW- SWB-061.

**FCO-073, Provide Additional labor and materials required to replace one gate valve and one butterfly valve:** Additional labor and material required to replace one 8" gate valve and one 10" butterfly valve in the condensate line of the Boiler room. Existing valves were not seating properly.

**FCO-074, Realign and Reinsulate Boiler Feedwater Pumps:** Additional labor, materials and subcontractor cost for the additional and installation of a new 8" flange gate valve, re-align boiler feed water pumps and re-insulation of the boiler feed water pump and piping. Work was performed at the request of SWBNO after boiler feed water piping was installed.

**FCO-075, Additional Costs for Delay Sustained by Ethos due to Delay of New Switchgear Installation for TG#4:** Additional cost for delays sustained by Ethos due to delay of new switchgear installation for TG#4.

**FCO-076, Revisions to the seal pump:** Revisions to gland seal system.

**FCO-077, Fabricate and install clamp to the TG#4 Stator Frame:** Additional labor, material and subcontractor costs to fabricate and install a clamp on the existing stator frame.

**FCO-078, Handrail at Turning Gear Motor:** Revisions and installation of existing handrail at turning gear motor.

**FCO-079, Replace Gaskets in Broiler House:** Replace gaskets in Boiler House with graphite gaskets per request from SWBNO. Gaskets furnished by SWBNO.

**FCO-080, Repair Leaking Steam Seal Piping:** Repairs to existing leaking steam seal piping

**FCO-081, Instrument Air Gauge AB Pump Room:** Installation of new instrument air gauge located in A/B Pump Room next to the entrance to High Lift Area. Work performed. Gauge furnished by IMC and remaining material furnished by SWBNO.

**FCO-082, Additional Work to Support Heat Blankets:** Additional work associated with heat blankets. Work includes intermediate wood supports to aid with blanket support and fabrication of additional supports to hang blankets in front of diesel fuel tanks.

**FCO-083, Seal Water Piping Revisions at Circulating Pump:** Revisions to seal water piping at Generator #4 circulating pump.

**FCO-084, SJAE Piping Revisions:** Revisions to steam jet air ejector piping (SJAE). Revisions include installation of steam traps on the SJAE drain lines in the basement, fabrication of valve handle extensions to steam inlet valves at SJAEs, and installation of siphon tubes to steam gauges in SJAE piping.

**FCO-085, Condenser Strut Braces:** Installation of two condenser struct braces that were missing.

**FCO-086, Terminating Hardware in Termination Chamber:** Replacement of terminating hardware in TG#4 termination chamber at request of SWBNO.

**FCO-087, Rework at Switchgear:** Rework at new switchgear at request of SWBNO. Work includes disconnect & reconnect at MV feeder to allow Point Eight to install new CTs, revising wiring and adding jumper, retesting CT wiring after replacement of CTs and relocation of device tags at Consoles 17 & 18.

**FCO-088, Retest Load Bank Cables:** Retest load bank cables.

**FCO-089, Temporary Feeders to Existing XFMR:** Install, test & terminate temporary MV Feeders (primary and secondary) to existing MCC4 transformer as requested by SWBNO.

**FCO-090, Cleaning Loadbank and Buss Box:** Inspect and clean load bank fan discharge window. Also included in this work is inspection and cleaning of load bank buss box.

**FCO-091, Basler 11G & 11F Relay Setting:** Develop and install Basler 11G & 11F relay setting as requested by SWBNO/Jacobs.

**FCO-092, New Basler Communication Cable:** Provide new Basler communication cable.

**FCO-093, Phase Check & Phase Swap at SWGR:** Perform phase check and phase swaps to TG#4.

**FCO-094, Extended Overhead for Additional Days:** Extended Overhead for Additional days.

**FCO-095, Tachometer Control Circuits:** Repairs to the tachometer control circuit in the control room. Work also performed on the tachometer conduit and wiring to the chart room. This work performed at request of SWBNO/Jacobs.

**FCO-096, Insulate Turbine Drain Lines:** Insulate turbine drain lines as requested by SWBNO/Jacobs.

**FCO-097, ELOP Controls, Amp Readings, Speed Switches:** Troubleshoot Electric Lube Oil Pump controls circuits, take amperage reading at CWP shed, and furnish new speed switch relays at the request of SWBNO/Jacobs.

**FCO-098, Ethos Schedule Delay Costs:** Additional cost associated with delays to the project schedule for Ethos' subcontractors, Performance Engineering and TG Advisors. Cost include travel cancellation and rebooking costs.

**FCO-099, Tapped Spacer Flange:** Fabrication and installation of a tapped spacer flange in the steam inlet as requested by Jacobs/SWBNO.

**FCO-100, Basket Tip Piping:** Fabrication and installation of basket tip piping at request of SWBNO.

**FCO-101, Modifications to TG4 Exciter:** Modifications of TG exciter to address resonant vibration as per request of SWBNO/Jacobs. Modifications as per attached proposal of work. Also included in this request is a proposal to perform modifications to reduce vibrations in the auxiliary equipment nearest the exciter.

**FCO-102, Calibrate Existing Instruments:** Calibration of existing gauges associated with STG-4.

**FCO-103, Additional Steel Plat for Turbine Deck:** Additional galvanized plating installed on the turbine deck.

**FCO-104, Gate Valve in Broiler Pump Steam Piping:** Install 3" gate valve with flanges, gaskets, and bolts in the steam piping to the boiler feeder water pumps as requested by SWBNO. Valves, flanges, gaskets and bolts all to be furnished by SWBNO for installation by IMC.

**FCO-106, Additional Startup Support:** Additional startup support.

**FCO-107, Replace Resistor in Load Bank Trailer:** Replace 0.5 MW resistor in load bank trailer #2.

**FCO-108, Vacuum Switch Installation:** Installation of a vacuum switch as requested by Jacobs/SWBNO.

**FCO-109, Barnes Additional Demobilization:** Barnes de-mobilization of job site resulting from the existing switchgear failure that occurred in September 2017.

**FCO-110, HP Front Gland Modification:** Modifications to the HP Front gland drains.

**FCO-111, Exciter Shaft Guards:** Fabrication of installation of protective covers around exciter shaft.

**FCO-112, Grating Crossover Platform:** Fabrication and installation of grafting crossover platform at the circulating water pump.

**FCO-113, Lube Pressure Switches:** Installation and programming of new lube oil pressure switch.

**FCO-114, SDLOP Controller:** Installation of a new SDLOP controller, including positioner, and demolition of tubing to existing controller. Subcontractor costs for Barnes and Reliability point are included under other CORs.

**FCO-115, Performance Instrumentation:** Installation of and programming for 12 new permanent instruments to measure turbine performance per request of SWBNO.

**FCO-116, Manhole Excavation & Shoring:** Excavation, shoring, and monitoring excavated hole for flowmeter manhole vault.

**FCO-117, Replace Exciter Lube Oil Pressure Switch & Gauge:** Replace pressure switch and gauge on exciter lube oil pump. Pressure gauge supplied by SWBNO.

**FCO-118, Replace Electric Lube Oil Pump:** Replace electric lube oil pump.

**FCO-119, Relocate Hot Well Level Control Valve:** Relocate hot well level control valve, and other piping modifications, to incorporate steam-driven condensate pump.

**FCO-120, Flowmeter Manhole Valve:** COR-120 is for the cost to construct a concrete vault around the existing 42" circulating water line to protect a new ultrasonic flow meter installed to allow Operations the ability to read cooling water flow into TG4. This work includes forming and pouring a concrete foundation slab and base walls, installation of pre-cast concrete box sections on poured concrete walls, new manhole access top, sump pump and discharge piping,

duct bank and electrical to new vault for new sump pump and flow meter, monitoring of pump in cofferdam, backfill within cofferdam, removal of shoring system, and limestone top layer.

**FCO-122, Revisions to Woodward 505 Panel:** This is the cost of revising the Woodward 505 governor trip circuit from single source 130 vdc power to redundant sourced 24vdc power, tis required changing the existing 130vdc trip solenoid to a 24vdc solenoid and repowering the solenoid from the redundant powered governor control panel. This task was directed by the SWB as a result of interruption of 130 vdc power circuit to STG-4 resulting in dropping STG-4 out of service. This will make the STG-4 turbine more resilient by providing a redundant powered governor trip circuit.

**FCO-123, August Startup Support:** This is the cost of second startup support during August 2018 for IMC and GCS. The first startup was in September 2017 when the incident occurred resulting in STG-4 switchgear requiring replacement. Activities included the check out and tuning the governor control system, and STG-4 subsystem during the initial roll and startup of STG-4.

**FCO-124, Additional Valve Work and Tagging:** This is the cost of valve tag reverification as requested by SWB operations, the tagging vender supplied skid valving and additional valves installed during STG-4 subsystems repairs identification required for SWB requested startup procedure, the tagging of permanent instruments added for performance testing, and the addition of extension handles as requested by SWB operations to make the STG-4 valves easier to access. Task identified on master punch list items numbered 0002, 0003, 0010, 0011, 0087, 0088, 0133, 0150.

**FCO-125, Additional Startup Support Barnes:** This COR 125 is for the cost of Additional Startup and Commissioning support not covered in COR -104. The startup and commissioning activities extended due to adjustments and repairs required to make the STG-4 sub-systems functional.

**FCO-126, Reinstall Old Motor on ELOP3:** The cost associated with re-installation of the motor from the old electric lube oil pump (ELOP3) onto the new ELOP3 due to voltage requirements.

**FCO-127, Furnish Storage Container:** The change order is for a SWB requested 40-foot shipping container and trailer chassis to use to store the accessories associated with the load bank purchased under the 6250 contract.

The required DBE participation on this Contract is 0%. This Change Order is in the amount of \$2,823,547.25 represents 42.2% of the original bid amount and brings the cumulative total Change Orders to \$8,636,367.20 which is 129.0% of the original bid amount. This Change Order may be eligible for FEMA reimbursement, final determination to be made by Sewerage and Water Board staff.

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  
Jason Higginbotham  
Rosita Thomas

Alvin Porter  
Yahya Rokayak, Jacobs  
S&WB Legal Department



# Sewerage & Water Board of New Orleans: Change Order Approval Form

2018

Contract # 6247 Change Order #15 Date: 12/4/18

Project Name: Hazard Mitigation Grant Project - Retrofit Generator 4 Job/Project # 6247

Reason for Change Order: Fifty-seven (57) work items, FCO#69, FCO#70, FCO#71, FCO#72, FCO#73, FCO#74, FCO#75, FCO#76, FCO#77, FCO#78, FCO#79, FCO#80, FCO#81, FCO#82, FCO#83, FCO#84, FCO#85, FCO#86, FCO#87, FCO#88, FCO#89, FCO#90, FCO#91, FCO#92, FCO#93, FCO#94, FCO#95, FCO#96, FCO#97, FCO#98, FCO#99, FCO#100, FCO#101, FCO#102, FCO#103, FCO#104, FCO#106, FCO#107, FCO#108, FCO#109, FCO#110, FCO#111, FCO#112, FCO#113, FCO#114, FCO#115, FCO#116, FCO#117, FCO#118, FCO#119, FCO#120, FCO#122, FCO#123, FCO#124, FCO#125, FCO#126 and FCO#127

Change Order Amount: \$2,823,547.25 Contract Amount Prior To Change Order: \$12,508,569.95

Original Contract Amount: \$6,695,750.00 Total Spent to Date: \$15,332,117.20

PW#: GRANT DR-1603-LA Vendor: INDUSTRIAL MECHANICAL CONTRACTORS

C. P. Item # 676/100 % C. P. Item #        /        % C. P. Item #        /        %

## Source of funding for Change Order:

System Funds: \$        Bonds: \$        FEMA: \$        Anticipated FEMA: \$       

Total Funding: \$ 2,823,547.25

FUND Code        ORGN Code        ACTIVITY Code        OBJECT Code       

Total Project Investment to Date: (Place total amount of contracts on projects)

Survey Phase	N/A
Design Phase	\$466,346.42
Testing Phase	N/A
Value of A/E Contract for this work to date	N/A
Construction Contract Value to date	\$15,332,117.20
Value of Project Management (CM) to date	\$1,533,211.72
Value of other Professional Services to date (IN)	\$745,024.11
Total Investment to date	\$18,076,699.45

## RECORDATION

- Is this change order more than 10% of the original contract and more than \$100,000? ☐ Yes ☐ No
- Does this change order put the total % of change orders above 20% of the original contract and is it more than \$100,000? ☐ Yes ☐ No
- If the answer is yes to either one of these questions recordation is required by state law within 30 days. If the original contract and/or previous change orders have not yet been recorded they must be recorded at this time.

## VENDOR SELECTION AND DBE INFORMATION

- Type of Procurement Used: [Should always be RFP for amendments.]
- Local Vendor: ☒ Yes ☐ No
- DBE: ☐ Yes ☒ No. If Yes, %

# Sewerage & Water Board of New Orleans: Change Order Approval Form

2018

## ACTION CRITICAL

Objective consideration of alternatives: Describe other actions considered. If none, explain why

- I recommend approval for the above project (If not recommending for approval, please indicate a reason below, and return this to the previous signatory)

Melvin R. Frazier Date: 12/4/18

- Level Two (2) Project Manager, S&WB, Engineering Department  
Requested Response Date: 1/1/

Melvin R. Frazier Date: 12/4/18

- Level One (1) Manager, S&WB, Engineering Department  
Requested Response Date: 1/1/

Melvin R. Frazier Date: 12/4/18

- Deputy Director, General Superintendent, S&WB, Engineering Department  
Requested Response Date: 1/1/

Brian D. Adams Date: 12/5/2018

- James Annocone, PDU

Requested Response Date: 1/1/

\_\_\_\_\_  
Date: \_\_\_\_\_

- Executive Director, S&WB

Requested Response Date: 1/1/

\_\_\_\_\_  
Date: \_\_\_\_\_

- Purchasing Department, S&WB

Requested Response Date: 1/1/

\_\_\_\_\_  
Date: \_\_\_\_\_

**SCOPE OF CHANGES**  
**Contract 6247 HMGP**  
**(Change Order No. 15)**

**ADDITIONAL ITEMS TO BE ADDED TO CONTRACT**

Item #	FCO #	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
1	69	Builders Risk Coverage for TG4 Pre-Fault	LS	95,077.70	1	\$95,077.70	0	Eligibility to be determined
2	70	Additional Costs from Basler due to Delays associated with the Switchgear for TG#4	LS	2,147.74	1	\$2,147.74	0	Eligibility to be determined
3	71	Reroute STG-4 CT SWGR Wiring	LS	12,844.90	1	\$12,844.90	0	Eligibility to be determined
4	72	Install new HMI Meter in Chart Room	LS	21,678.02	1	\$21,678.02	0	Eligibility to be determined
5	73	Provide Additional labor and materials required to replace one gate valve and one butterfly valve	LS	5,984.53	1	\$5,984.53	0	Eligibility to be determined
6	74	Realign and Reinsulate Boiler Feedwater Pumps	LS	25,879.53	1	\$25,879.53	0	Eligibility to be determined
7	75	Additional Costs for Delay Sustained by Ethos due to Delay of New Switchgear Installation for TG#4	LS	21,316.06	1	\$21,316.06	0	Eligibility to be determined
8	76	Revisions to the seal pump	LS	11,040.07	1	\$11,040.07	0	Eligibility to be determined
9	77	Fabricate and install clamp to the TG#4 Stator Frame	LS	10,974.11	1	\$10,974.11	0	Eligibility to be determined
10	78	Handrail at Turning Gear Motor	LS	1,853.45	1	\$1,853.45	0	Eligibility to be determined
11	79	Replace Gaskets in Boiler House	LS	5,343.83	1	\$5,343.83	0	Eligibility to be determined
12	80	Repair Leaking Steam Seal Piping	LS	10,560.65	1	\$10,560.65	0	Eligibility to be determined
13	81	Instrument Air Gauge AB Pump Room	LS	982.91	1	\$982.91	0	Eligibility to be determined
14	82	Additional Work to Support Heat Blankets	LS	17,653.97	1	\$17,653.97	0	Eligibility to be determined
15	83	Seal Water Piping Revisions at Circulating Pump	LS	9,629.45	1	\$9,629.45	0	Eligibility to be determined
16	84	SIAE Piping Revisions	LS	23,732.69	1	\$23,732.69	0	Eligibility to be determined
17	85	Condenser Strut Braces	LS	10,159.65	1	\$10,159.65	0	Eligibility to be determined
18	86	Terminating Hardware in Termination Chamber	LS	920.95	1	\$920.95	0	Eligibility to be determined
19	87	Rework at Switchgear	LS	6,677.51	1	\$6,677.51	0	Eligibility to be determined
20	88	Retest Load Bank Cables	LS	6,166.26	1	\$6,166.26	0	Eligibility to be determined
21	89	Temporary Feeders to Existing XFMR	LS	22,077.13	1	\$22,077.13	0	Eligibility to be determined
22	90	Cleaning Loadbank and Buss Box	LS	10,156.74	1	\$10,156.74	0	Eligibility to be determined
23	91	Basler 11G & 11F Relay Setting	LS	11,406.19	1	\$11,406.19	0	Eligibility to be determined
24	92	New Basler Communication Cable	LS	1,196.42	1	\$1,196.42	0	Eligibility to be determined
25	93	Phase Check & Phase Swap at SWGR	LS	12,977.56	1	\$12,977.56	0	Eligibility to be determined
26	94	Extended Overhead for Additional Days	LS	716,131.00	1	\$716,131.00	0	Eligibility to be determined
27	95	Tachometer Control Circuits	LS	13,730.73	1	\$13,730.73	0	Eligibility to be determined
28	96	Ingrate Turbine Drain Lines	LS	3,374.81	1	\$3,374.81	0	Eligibility to be determined
29	97	ELOP Controls, Amp Readings, Speed Switches	LS	2,921.62	1	\$2,921.62	0	Eligibility to be determined
30	98	Ethos Schedule Delay Costs	LS	10,903.81	1	\$10,903.81	0	Eligibility to be determined
31	99	Tapped Spacer Flange	LS	12,349.81	1	\$12,349.81	0	Eligibility to be determined
32	100	Basket Tip Piping	LS	53,963.90	1	\$53,963.90	0	Eligibility to be determined
33	101	Modifications to TG4 Exciter	LS	47,859.96	1	\$47,859.96	0	Eligibility to be determined
34	102	Calibrate Existing Instruments	LS	46,635.77	1	\$46,635.77	0	Eligibility to be determined
35	103	Additional Steel Plat for Turbine Deck	LS	5,884.59	1	\$5,884.59	0	Eligibility to be determined
36	104	Gate Valve in Boiler Pump Steam Piping	LS	5,640.77	1	\$5,640.77	0	Eligibility to be determined
37	106*	Additional Startup Support	LS	207,499.30	1	\$207,499.30	0	Eligibility to be determined
38	107	Replace Resistor in Load Bank Trailer	LS	13,451.40	1	\$13,451.40	0	Eligibility to be determined
39	108	Vacuum Switch Installation	LS	5,532.06	1	\$5,532.06	0	Eligibility to be determined
40	109	Barnes Additional Demobilization	LS	7,107.38	1	\$7,107.38	0	Eligibility to be determined
41	110	HP Front Gland Modification	LS	46,182.06	1	\$46,182.06	0	Eligibility to be determined
42	111	Exciter Shaft Guards	LS	25,659.79	1	\$25,659.79	0	Eligibility to be determined
43	112	Grating Crossover Platform	LS	6,406.97	1	\$6,406.97	0	Eligibility to be determined
44	113	Lube Pressure Switches	LS	39,391.99	1	\$39,391.99	0	Eligibility to be determined
45	114	SDLOP Controller	LS	6,274.19	1	\$6,274.19	0	Eligibility to be determined
46	115	Performance Instrumentation	LS	214,575.23	1	\$214,575.23	0	Eligibility to be determined
47	116	Manhole Excavation & Shoring	LS	348,819.42	1	\$348,819.42	0	Eligibility to be determined
48	117	Replace Exciter Lube Oil Pressure Switch & Gauge	LS	2,592.07	1	\$2,592.07	0	Eligibility to be determined
49	118	Replace Electric Lube Oil Pump	LS	18,536.76	1	\$18,536.76	0	Eligibility to be determined
50	119	Relocate Hot Well Level Control Valve	LS	152,547.76	1	\$152,547.76	0	Eligibility to be determined

**Construction Management Change Order Detail  
(Change Order No. 15)  
Industrial and Mechanical Contractors**

Item #	FCO#	Description of Work	Reason for Work	FEMA Eligible?	Critical Path?
1	69	Builders Risk Coverage for TG4 Pre-Fault	Change order for Builders Risk Coverage for TG4 for two months.	TBD	Y
2	70	Additional Costs from Basler due to Delays associated with the Switchgear for TG4	Additional Cost from Basler due to delays associated with switchgear for TG4	TBD	Y
3	71	Reroute STG-4 CT SWGR Wiring	Reroute STG-4 CT SWGR Wiring	TBD	Y
4	72	Install new HMI Meter in Chart Room	Provide and install new HMI meter in Chart Room per SUL-001.70 EW: SWP-061.	TBD	Y
5	73	Provide Additional labor and materials required to replace one gate valve and one butterfly valve	Additional labor and material required to replace one 6" gate valve and one 10" butterfly valve in the condensate line of the Boiler room. Existing valves were not sealing properly	TBD	Y
6	74	Realign and Reinsulate Boiler Feedwater Pumps	Additional labor, materials and subcontractor cost for the additional and installation of a new 8" flange gate valve, re-align boiler feed water pumps and re-insulation of the boiler feed water pump and piping. Work was performed at the request of SWBNO after boiler feed water piping as installed.	TBD	Y
7	75	Additional Costs for Delay Sustained by Ethos due to Delay of New Switchgear Installation for TG4	Additional Cost for Delays Sustained by Ethos due to Delay of New Switchgear Installation for TG4.	TBD	Y
8	76	Revisions to the seal pump	Revisions to gland seal system	TBD	Y
9	77	Fabricate and install clamp to the TG4 Stator Frame	Additional labor, material and subcontractor costs to fabricate and install a clamp on the existing stator frame	TBD	Y
10	78	Handrail at Turning Gear Motor	Revisions and installation of existing handrail at turning gear motor	TBD	Y
11	79	Replace Gaskets in Broiler House	Replace gaskets in Broiler House with graphite gaskets per request from SWBNO. Gaskets furnished by SWBNO	TBD	Y
12	80	Repair Leaking Steam Seal Piping	Repairs to existing leaking steam seal piping	TBD	Y
13	81	Instrument Air Gauge AB Pump Room	Installation of new instrument air gauge located in A/B Pump Room next to the entrance to High LIN Area. Work performed. Gauge furnished by IMC and remaining material furnished by SWBNO.	TBD	Y
14	82	Additional Work to Support Heat Blankets	Additional work associated with heat blankets. Work includes intermediate wood supports to aid with blanket support and fabrication of additional supports to hang blankets in front of diesel fuel tanks	TBD	Y
15	83	Seal Water Piping Revisions at Circulating Pump	Revisions to seal water piping at Generator M4 circulating pump	TBD	Y
16	84	SIAE Piping Revisions	Revisions to steam jet air ejector piping (SIAE). Revisions include installation of steam traps on the SIAE drain lines in the basement, fabrication of valve handle extensions to steam inlet valves at SIAEs, and installation of siphon tubes to steam gauges in SIAE piping.	TBD	Y
17	85	Condenser Strut Braces	Installation of two condenser strut braces that were missing	TBD	Y
18	86	Terminating Hardware in Termination Chamber	Replacement of terminating hardware in TG4 termination chamber at request of SWBNO	TBD	Y
19	87	Rework at Switchgear	Rework at new switchgear at request of SWBNO. Work includes disconnect & reconnect at MV feeder to allow Point Eight to install new CTs, rewiring and adding jumper, retesting CT wiring after replacement of CTs and relocation of device tags at Consoles 17 & 18	TBD	Y
20	88	Retest Load Bank Cables	Retest load bank cables	TBD	Y
21	89	Temporary Feeders to Existing XFMR	Install, test & terminate temporary MV Feeders (primary and secondary) to existing MCC4 transformer as requested by SWBNO	TBD	Y
22	90	Cleaning Louthank and Bus Box	Inspect and clean load bank bus discharge window. Also included in this work is inspection and draining of load bank bus box.	TBD	Y
23	91	Basler 11G & 11F Relay Setting	Develop and install Basler 11G & 11F relay setting as requested by SWBNO/Jacobs.	TBD	Y
24	92	New Basler Communication Cable	Provide new Basler communication cable as requested by SWBNO/Jacobs.	TBD	Y
25	93	Phase Check & Phase Swap at SWGR	Perform phase check and phase swap to TG4 as requested by SWBNO/Jacobs.	TBD	Y
26	94	Extended Overhead for Additional Days	Extended Overhead for Additional days.	TBD	Y
27	95	Tachometer Control Circuits	Repairs to the tachometer control circuit in the control room. Work also performed on the tachometer conduit and wiring to the chart room. This work performed as request of SWBNO/Jacobs.	TBD	Y
28	96	Insulate Turbine Drain Lines	Insulate turbine drain lines as requested by SWBNO/Jacobs.	TBD	Y
29	97	ELOP Controls, Amp Readings, Speed Switches	Provide/Install ELOP control circuits, take amperage reading at CWP shed, and furnish new speed switch relays at the request of SWBNO/Jacobs.	TBD	Y
30	98	Ethos Schedule Delay Costs	Additional cost associated with delays to the project schedule for Ethos' subcontractors, Performance Engineering and TG Advisors. Cost include travel cancellation and rebooking costs	TBD	Y
31	99	Tapped Spacer Flange	Fabrication and installation of a tapped spacer flange in the steam inlet as requested by Jacoby/SWBNO.	TBD	Y
32	100	Basket Tip Piping	Fabrication and installation of basket tip piping at request of SWBNO.	TBD	Y
33	101	Modifications to TG4 Exciter	Modifications of TG exciter to address resonant vibration as per request of SWBNO/Jacobs. Modifications as per attached proposal of work. Also included in this request is a proposal to perform modifications to reduce vibration in the auxiliary equipment nearest the exciter	TBD	Y
34	102	Calibrate Existing Instruments	Calibration of existing gauges associated with STG-4.	TBD	Y
35	103	Additional Steel Plat for Turbine Deck	Additional advanced plating installed on the turbine deck	TBD	Y
36	104	Gate Valve in Broiler Pump Steam Piping	Install 3" gate valve with flanges, gaskets, and bolts in the steam piping to the boiler feeder water pumps as requested by SWBNO. Valves, flanges, gaskets and bolts all to be furnished by SWBNO for installation by IMC.	TBD	Y

**Construction Management Change Order Detail  
(Change Order No. 15)**

**Industrial and Mechanical Contractors**

Item #	FCOW	Description of Work	Reason for Work	FEMA Eligible?	Critical Path?
37	106	Additional Startup Support	Additional Start up and commissioning support for STG4 activities incurred for the second time due to STG4 Incident last September BY : Barker (relay/facility controls) 2 days, Governor control systems (Governor controls) 1 day, Conhagen (Mechanical support) through 6-26-2018, Synergy (load bank testing) 7 days, EPS (electrical testing) 2 days, Barnes (electrical support) 10 days, IMC (general/mechanical support) 15 days. This work was directed and authorized by the SWBNO to safely start up and commission STG4.	TBD	Y
38	107	Replace Resistor in Load Bank Trailer	Replace 0.5 MW resistor in load bank trailer #2.	TBD	Y
39	108	Vacuum Switch Installation	Installation of a vacuum switch as requested by Jacobs/NVBMCO.	TBD	Y
40	109	Barnes Additional Demobilization	Barnes demobilization of job site resulting from the existing switchgear failure that occurred in September 2017	TBD	Y
41	110	HP Front Gland Modification	Modifications to the HP front gland drums.	TBD	Y
42	111	Exciter Shaft Guards	Fabrication of installation of protective covers around exciter shaft.	TBD	Y
43	112	Grating Crossover Platform	Fabrication and installation of grating crossover platform at the circulating water pump	TBD	Y
44	113	Lube Pressure Switches	Installation and programming of new lube oil pressure switch	TBD	Y
45	114	SDLOP Controller	Installation of a new SDLOP controller, including positioner, and demolition of tubing to existing controller. Subcontractor costs for Barnes and Reliability point are included under other CORs.	TBD	Y
46	115	Performance Instrumentation	Installation of and programming for 12 new permanent instruments to measure turbine performance per request of SWBNO.	TBD	Y
47	116	Manhole Excavation & Shoring	Excavation, shoring, and monitoring excavated hole for flowmeter manhole vault.	TBD	Y
48	117	Replace Exciter Lube Oil Pressure Switch & Gauge	Replace pressure switch and gauge on exciter lube oil pump. Pressure gauge supplied by SWBNO	TBD	Y
49	118	Replace Electric Lube Oil Pump	Replace electric lube oil pump.	TBD	Y
50	119	Relocate Hot Well Level Control Valve	Repairs required for the STG-4 turbine steam condensate pump system and controls. This work included the inspection and cleaning of the steam condensate pump interlocks and bearings. The replacement of the steam supply line to the steam condensate pump. The relocating of the existing condensate flow control valve down stream of both condensate pumps. Adding a condensate recirculation line due to maintain flow through the condensate pumps during low power operation of STG-4. Disconnect the condensate system from the clear well and provide new drain to sanitary. The repairs will make the STG-4 turbine more resilient through the ability to utilize the redundant steam condensate pump.	TBD	Y
51	120	Flowmeter Manhole Valve	Construction of a concrete vault around the existing 42" circulating water line to protect a new ultrasonic flow meter installed to allow Operations the ability to read cooling water flow into TGA. This work includes forming and pouring a concrete foundation slab and base walls, installation of pre-cast concrete box sections on poured concrete walls, new manhole access top, sump pump and discharge piping, duct bank and electrical to new vault for new sump pump and flow meter, monitoring of pump in confinement, backfill within confinement, removal of shoring system, and limestone top layer.	TBD	Y
52	122	Revisions to Woodward 50S Panel	Revising the Woodward 50S governor trip circuit from single source 130 vdc power to redundant sourced 24 vdc power, this required changing the existing 130 vdc trip solenoid to a 24 vdc solenoid and repowering the solenoid from the redundant powered governor control panel. The task was affected by the SWB as a result of interruption of 130 vdc power circuit to STG4 resulting in dropping STG4 out of service. This will make the STG4 turbine more resilient by providing a redundant powered governor trip circuit.	TBD	Y
53	123	August Startup Support	Second startup support during August 2018 for IMC and GCS. The first startup was in September 2017 when the incident occurred resulting in STG4 switchgear requiring replacement. Activities included the cock out and tuning of the governor control system, and the STG4 subsystem during the initial roll and startup of STG4.	TBD	Y
54	124	Additional Valve Work and Tagging	Valve tag reidentification as requested by SWB operations, the tagging vendor supplied additional valves installed during STG4 subsystems repairs identification required for SWB requested startup procedure, the tagging of permanent instruments added for performance testing, and the additional of extension handles as requested by SWB operations to make the STG4 valves easier to access. Tasks identified on master purchase items numbered 0002, 0003, 0010, 0011, 0087, 0088, 0133, 0150.	TBD	Y
55	125	Additional Startup Support Barnes	Additional Startup and Commissioning support not covered in COR-104. The startup and commissioning activities extended due to adjustments and repairs required to make the STG-4 sub-system functional.	TBD	Y
56	126	Reinstall Old Motor on ELOP3	The cost associated with reinstallation of the motor from old electrical lube oil pump (ELOP3) onto the new ELOP3 due to voltage requirements.	TBD	Y
57	127	Furnish Storage Container	40-foot shipping container and trailer chassis to use to store the accessories associated with the load bank and purchased under the 6230 contract.	TBD	Y

SCOPE OF CHANGES  
Contract 6247 HMGP  
(Change Order No. 15)

ADDITIONAL ITEMS TO BE ADDED TO CONTRACT

Item #	FCO #	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
51	120	Flowmeter Manhole Valve	LS	364,077.58	1	\$364,077.58	0	Eligibility to be determined
53	122*	Revisions to Woodward 505 Panel	LS	14,973.70	1	\$14,973.70	0	Eligibility to be determined
54	123	August Startup Support	LS	20,831.39	1	\$20,831.39	0	Eligibility to be determined
55	124	Additional Valve Work and Tagging	LS	3,220.49	1	\$3,220.49	0	Eligibility to be determined
56	125	Additional Startup Support Barnes	LS	27,107.05	1	\$27,107.05	0	Eligibility to be determined
57	126	Reinstall Old Motor on ELOP3	LS	4,101.43	1	\$4,101.43	0	Eligibility to be determined
58	127	Furnish Storage Container	LS	16,824.44	1	\$16,824.44	0	Eligibility to be determined
						\$2,823,547.25	0	

\*Note: FCO-105 was cancelled & FCO-121 has not been approved.

CONTRACT DBE

Contract DBE %	0.0%
Current DBE %	0.0%
Forecasted DBE %	0.0%

CONTRACT

Amount of previous Change Orders	Original	\$5,695,750.00
Amount this Change Order		\$5,812,819.95
Change Orders to date		\$2,823,547.25
		\$8,636,367.20

REVISED CONTRACT AMOUNT \$ 15,332,117.20

% OF ORIGINAL CONTRACT AMOUNT

This Change Order	42.2%
Previous Change Order	86.8%
TOTAL TO DATE	129.0%

Original Contract Days	BASE
Days Previously Added	365
Days this Change Order	1676
Days Added to date	0
REVISED CONTRACT DAYS	2041

Work Order Date 6/20/2013  
Work Completion Milestone Date 1/21/2019

This Change Order is subject to the terms and conditions of the contract and any amendments thereto. The Contractor shall be responsible for obtaining all necessary permits and licenses for the work to be performed under this Change Order. The Contractor shall be responsible for obtaining all necessary permits and licenses for the work to be performed under this Change Order. The Contractor shall be responsible for obtaining all necessary permits and licenses for the work to be performed under this Change Order.

Proposed By:

*[Signature]*  
Industrial and Mechanical Contractors  
Contractor

Recommended By:

*[Signature]*  
12/4/18  
Date

*[Signature]*  
S&W Project Manager

Approved By:

*[Signature]*  
M. Ron Spooner  
Chief of Engineering

*[Signature]*  
12/4/18  
Date



**RATIFICATION OF CHANGE ORDER NO.2 FOR CONTRACT 2126 - Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish**

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**WHEREAS**, the Sewerage and Water Board of New Orleans entered into Contract 2126 with Wallace C. Drennan Inc. for the amount of \$2,944,440.00, and

**WHEREAS**, the contractor under contract was awarded a renewal in the amount of \$2,944,440.00, which brings the total contract value to \$5,888,880.00, and the contractor provided additional water point repair services under this Contract due to an increase in projects reported throughout the City, and

**WHEREAS**, the first Change Order, in the amount of \$1,057,548.82 is 18% of the total original contract including the renewal. With the second Change Order requested of \$2,047,526.18 the accumulated change order total to \$3,105,075.00 or 52.7% of the original Contract value including renewal and the first Change Order.

**NOW THEREFORE BE IT RESOLVED**, the approval of Change Order No. 2 for Contract 2126 is ratified by the Sewerage and water Board of New Orleans.

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I, Ghassan Korban, Executive Director, Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted at the Regular Meeting of the said Board, duly called and held, according to law, on December 18, 2018.

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Ghassan Korban  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Inter-Office Memorandum

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**Date:** November 27, 2018

**From:** Bruce Adams, P.E. *Bruce Adams* 12/05/2018  
Interim General Superintendent

**To:** Ghassan Korban  
Executive Director

**Re:** Contract 2126 – Water Main Pt Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish

Enclosed please find a recommendation for approval of Change Order No.2 for the above captioned contract.

The change order is required for the addition of competitively bid line items as well as the addition of X-items for unforeseen repairs to various diameter water mains and hydrants. The Contractor's current attained DBE is 45.69%. The required DBE participation goal on this contract is 36% percent and will remain unchanged through this approved change order. The approved Change Order No. 1 amount is \$1,057,548.82 or 18% of the original bid amount including the renewal awarded to contractor under contract. This final change order in the amount of \$2,000,000.00 will be 34.0% of the original contract value including one renewal. The total of original contract value, renewal and two (2) change orders is \$8,946,428.82.

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

Bruce Adams, P.E.  
Interim General Superintendent

**Cc:** M. Ron Spooner  
Fred Tharp  
David Cappel  
Steve Bass  
Alvin Porter  
Dexter Joseph  
Rosita Thomas  
Mark A. Bear Child



# Sewerage & Water Board of New Orleans: Change Order 2017 Approval Form

Contract # 2126 P/O# \_\_\_\_\_

Date: 12/04/2018

Project Name: Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites in Orleans Parish.

Job/Project # \_\_\_\_\_

Reason for Change Order: The change order is required for the addition of competitively bid line items as well as the addition of X-items for various unforeseen repairs to various diameter water mains and hydrants. The total dollar amount for a few emergency repairs were \$532,000.00. The X-items include but are not limited to extra thick asphalt, various size line-stops and insertion valves which totaled to a dollar amount of \$959,074.66.

Change Order Amount: \$2,047,526.18 Contract Amount Prior To Change Order: \$4,001,988.82

Original Contract Amount: \$2,944,440.00 Total Spent to Date: \$8,830,096.16

PW#: \_\_\_\_\_ Vendor: Wallace Drennan

C. P. Item # 216 / 100 % C. P. Item # N/A / \_\_\_\_\_ % C. P. Item # N/A / \_\_\_\_\_ %

Source of funding for Change Order:

System Funds: \$ \_\_\_\_\_ Bonds: \$ \_\_\_\_\_ FEMA: \$ \_\_\_\_\_ Anticipated FEMA: \$ \_\_\_\_\_

Total Funding: \$ \_\_\_\_\_

FUND Code SWB/025 ORGN Code 6620 ACTIVITY Code N/A OBJECT Code 4406/2027

Total Project Investment to Date: (Place total amount of contracts on projects)

• Survey Phase	\$ _____
• Design Phase	\$ _____
• Testing Phase	\$ _____
• Value of A/E Contract for this work to Date:	\$ _____
• Construction Contract Value to Date:	<u>\$6,946,428.82</u>
• Value of Project Management to Date:	\$ _____
• Value of other Professional Services to Date:	\$ _____
• Total Investment to Date:	\$ _____

## RECORDATION

- Is this change order more than 10% of the original contract and more than \$100,000? ☒ Yes ☐ No
- Does this change order put the total % of change orders above 20% of the original contract and is it more than \$100,000? ☒ Yes ☐ No
- If the answer is yes to either one of these questions recordation is required by state law within 30 days. If the original contract and/or previous change orders have not yet been recorded they must be recorded at this time.

## VENDOR SELECTION AND DBE INFORMATION

- Type of Procurement Used: [☒ Should always be RFP for amendments. ☐]
- Local Vendor: ☒ Yes ☐ No
- DBE: ☒ Yes ☐ No. If Yes, % 36

# Sewerage & Water Board of New Orleans: Change Order 2017 Approval Form

## ACTION CRITICAL

Objective consideration of alternatives: Describe other actions considered. If none, explain why

- I recommend approval for the above project (If not recommending for approval, please indicate a reason below, and return this to the previous signatory)

Mark A. Benoit Date: 12/4/18

- Level Two (2) Project Manager, S&WB, Engineering Department

Requested Response Date: 12/4/18

[Signature] Date: 12/4/18

- Level One (1) Manager, S&WB, Engineering Department

Requested Response Date: 12/4/18

[Signature] Date: 12/4/18

- Deputy Director, General Superintendent, S&WB, Engineering Department

Requested Response Date: 12/4/18

Brian D. Aram Date: 12/05/2018

- Fiscal Manager, PDU

Requested Response Date: 12/4/18

\_\_\_\_\_  
Date: \_\_\_\_\_

- Executive Director, S&WB

Requested Response Date: 12/4/18

\_\_\_\_\_  
Date: \_\_\_\_\_

- Director of Procurement, S&WB

Requested Response Date: 12/4/18

\_\_\_\_\_  
Date: \_\_\_\_\_

**SCOPE OF CHANGES  
CONTRACT 2126:  
(PLAN CHANGE NO. 2)**

**ITEMS TO BE ADDED / DELETED TO CONTRACT**

ITEM NO.	DESCRIPTION	UNIT	PRICE	REVISED		PLAN CHANGE #1 QUANTITY		DIFFERENCE	
				QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
10	4" - 8" Water P1 Rep 8'-12' Pipe	EA	\$8,800.00	50.00	\$440,000.00	25.00	\$220,000.00	25.00	\$220,000.00
11	4" - 8" Water Main Beyond Point Repair	LF	\$880.00	400.00	\$352,000.00	50.00	\$44,000.00	350.00	\$308,000.00
12	10" - 12" Water Point Repair <12' Long	EA	\$9,900.00	10.00	\$99,000.00	5.00	\$49,500.00	5.00	\$49,500.00
27	Sawcut Existing Roadways	LF	\$38.00	7600.00	\$288,400.00	2000.00	\$76,000.00	5600.00	\$212,400.00
28	Concrete Roadway Removal & Replacement (8" Thick)	SY	\$180.00	4850.00	\$873,000.00	2000.00	\$360,000.00	2850.00	\$513,000.00
31	Asphalt Pavement Removal & Replacement (5" Thick)	SY	\$200.00	3700.00	\$740,000.00	2200.00	\$440,000.00	1500.00	\$300,000.00
32	Asphalt Overlay on Concrete Roadway (2" Thick)	SY	\$88.00	4800.00	\$422,400.00	1000.00	\$88,000.00	3800.00	\$334,400.00
36	Driveway Restoration (8" Thick)	SY	\$77.00	1000.00	\$77,000.00	300.00	\$23,100.00	700.00	\$53,900.00
39	Sidewalk Restoration (4" Thick)	SY	\$50.00	1400.00	\$70,000.00	800.00	\$40,000.00	600.00	\$30,000.00
43	Handicap Ramp Restoration	SY	\$600.00	150.00	\$90,000.00	20.00	\$12,000.00	130.00	\$78,000.00
X-10	20" Linestop @ Bragg & Louisville	LS	\$89,785.00	1.00	\$89,785.00	0.00	\$0.00	1.00	\$89,785.00
X-11	30" Linestop @ Michoud Water Tower	LS	\$162,145.00	1.00	\$162,145.00	0.00	\$0.00	1.00	\$162,145.00
X-12	30" Linestop @ Read & Andover	LS	\$148,845.00	1.00	\$148,845.00	0.00	\$0.00	1.00	\$148,845.00
X-1	Installation of 42" S&WB Valve	LS	\$428,448.82	0.00	\$0.00	1.00	\$428,448.82	-1.00	-\$428,448.82
<b>ADDITIONAL CONTRACT DAYS</b>				<b>TOTAL</b>	<b>\$3,838,575.00</b>	<b>TOTAL</b>	<b>\$1,791,048.82</b>	<b>TOTAL</b>	<b>\$2,047,526.18</b>

Original Contract Amount: \$2,944,440.00  
Amount of Previous Change Orders: \$1,057,548.82  
Additional Dollar Amount THIS CHANGE ORDER: \$2,047,526.18

REVISED Contract Amount: \$6,049,515.00

Percent of Original Contract Amount THIS CHANGE ORDER: 69.54%  
Percent of Original Contract Amount PREVIOUS CUMULATIVE CHANGE ORDERS: 35.92%  
Percent of Original Contract Amount ALL CUMULATIVE CHANGE ORDERS: 105.46%

DBE Participation for this Contract: 36.00%

Original Contract Days: 365  
Contract Days Previously Added: 0  
Contract Days THIS CHANGE ORDER: 0  
REVISED Contract Days: 365

It is mutually agreed to perform & accept the above revisions in accordance with original contract & applicable specifications at the above prices

PROPOSED BY:

Wallace C. Drennan, Inc.  
Contractor

RECOMMENDED BY:

*Paul A. Beathell*  
S & WB Project Manager

*[Signature]*  
Contractor Representative

APPROVED BY

*[Signature]*  
Chief of Networks

12/4/18  
DATE

12/4/18  
DATE

12/4/18  
DATE

**RATIFICATION OF CHANGE ORDER NO.1 FOR CONTRACT 30216 - RESTORATION OF  
EXISTING GRAVITY SEWER POINT REPAIR OF SEWER MAINS AT VARIOUS SITES  
THROUGHOUT ORLEANS PARISH**

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**WHEREAS**, the Sewerage and Water Board of New Orleans entered into Contract 30216 with Wallace C. Drennan Inc. for the amount of \$862,300.00, and

**WHEREAS**, the contractor under was awarded a renewal in the amount of \$862,300.00, which brings the total contract value to \$1,724,600.00, and

**WHEREAS**, The contractor made a repair to a 30" sewer force main that was damaged by a DPW Contractor near the intersection of Lamarque and Thayer, and

**WHEREAS**, the Contractor will be granted Zero (0) additional Contract days to complete the work, and

**WHEREAS**, this first and final Change Order, in the amount of **\$613,853.41 is 35.60% of the original Contract value**

**NOW THEREFORE BE IT RESOLVED**, the approval of Change Order No. 1 for Contract 30216 is ratified by the Sewerage and water Board of New Orleans.

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I, Ghassan Korban, Executive Director, Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted at the Regular Meeting of the said Board, duly called and held, according to law, on December 19 , 2018.

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Ghassan Korban  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Inter-Office Memorandum

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**Date:** November 18, 2018

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

*Bruce Adams*  
12/05/2018

**To:** Ghassan Korban  
Executive Director

**Re:** Contract 30216 – Restoration of Existing Gravity Sewer Point Repair at Various Sites throughout Orleans Parish

Enclosed please find a recommendation for approval of Change Order No.1 for the above captioned contract.

The Change Order is required in order to add an X-Item for the repair to a 30" sewer force main damaged by DPW contractor Kelly Industries during road reconstruction near the intersection of Lamarque and Thayer. The Contractor's current attained DBE is 44.78%. The required DBE participation goal on this contract is 36% percent and will remain unchanged through this approved change order. The cumulative change order amount is \$613,853.41 or 35.6% of the original bid amount of the Contract (With 1 renewal). This change order is in the amount of \$613,853.41.

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

Bruce Adams, P.E.  
Interim General Superintendent

**Cc:** M. Ron Spooner  
Fred Tharp  
David Cappel  
Steve Bass  
Alvin Porter  
Dexter Joseph  
Rosita Thomas  
Ashraf Abdelbaqi

# Sewerage & Water Board of New Orleans: Change Order 2018 Approval Form

Contract # 30216 P/O# \_\_\_\_\_

Date: 11/20/2018

Project Name: Restoration of Existing Gravity Sewer Point Repair at Various Sites Throughout Orleans Parish Job/Project # \_\_\_\_\_

Reason for Change Order: The reason for this change order is to add an X-Item for the Repair of a 30" Sewer Force Main that was damaged by DPW Contractor Kelly Industries during street reconstruction near the Intersection of Lamarque and Thayer.

Change Order Amount: \$613,853.41 Contract Amount Prior To Change Order: \$1,724,600.00

Original Contract Amount: \$862,300.00 Total Spent to Date: \$ 1,561,336.40

PW#: \_\_\_\_\_ Vendor: Wallace Drennan

C. P. Item # N/A / \_\_\_\_\_ % C. P. Item # N/A / \_\_\_\_\_ % C. P. Item # N/A / \_\_\_\_\_ %

## Source of funding for Change Order:

System Funds: \$ \_\_\_\_\_ Bonds: \$ \_\_\_\_\_ FEMA: \$ \_\_\_\_\_ Anticipated FEMA: \$ \_\_\_\_\_

Total Funding: \$ \_\_\_\_\_

FUND Code SWB/027 ORGN Code 6621 ACTIVITY Code N/A OBJECT Code 4408/2027

Total Project Investment to Date: (Place total amount of contracts on projects)

• Survey Phase	\$ _____
• Design Phase	\$ _____
• Testing Phase	\$ _____
• Value of A/E Contract for this work to Date:	\$ _____
• Construction Contract Value to Date:	<u>\$1,724,600.00</u>
• Value of Project Management to Date:	\$ _____
• Value of other Professional Services to Date:	\$ _____
• Total Investment to Date:	\$ _____

## RECORDATION

- Is this change order more than 10% of the original contract and more than \$100,000? ☒ Yes ☐ No
- Does this change order put the total % of change orders above 20% of the original contract and is it more than \$100,000? ☒ Yes ☐ No
- If the answer is yes to either one of these questions recordation is required by state law within 30 days. If the original contract and/or previous change orders have not yet been recorded they must be recorded at this time.

## VENDOR SELECTION AND DBE INFORMATION

- Type of Procurement Used: [Should always be RFP for amendments. •]
- Local Vendor: ☒ Yes ☐ No
- DBE: ☒ Yes ☐ No. If Yes, % 36



# Sewerage & Water Board of New Orleans: Change Order Approval Form

## 2018

### ACTION CRITICAL

Objective consideration of alternatives: Describe other actions considered. If none, explain why

- I recommend approval for the above project (If not recommending for approval, please indicate a reason below, and return this to the previous signatory)

 Date: 12/4/18

- Level Two (2) Project Manager, S&WB, Engineering Department  
Requested Response Date: 12/4/18

 Date: 12/4/18

- Level One (1) Manager, S&WB, Engineering Department  
Requested Response Date: 12/4/18

 Date: 12/4/18

- Deputy Director, General Superintendent, S&WB; Engineering Department  
Requested Response Date: 12/5/18

 Date: 12/05/2018

- Fiscal Manager, PDU  
Requested Response Date: 12/5/18

\_\_\_\_\_  
Date: \_\_\_\_\_

- Executive Director, S&WB  
Requested Response Date: 12/5/18

\_\_\_\_\_  
Date: \_\_\_\_\_

- Director of Procurement, S&WB  
Requested Response Date: 12/5/18

\_\_\_\_\_  
Date: \_\_\_\_\_

**SCOPE OF CHANGES No. 1**  
**Contract 30216 Sewer Point Repair**  
**(Change Order No. 1)**

**ADDITIONAL ITEMS TO BE ADDED TO CONTRACT**

Item #	FCO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
X-18	N/A	Lamarque and Thayer 30" Sewer Force Main Repair	EA	\$613,853.41	1	\$613,853.41	0	FEMA Ineligible
						<b>\$613,853.41</b>	<b>0</b>	

Contract DBE %	36.0%
Current DBE %	44.8%
Forecasted DBE %	36.0%

Original	\$ 862,300.00
Amount of previous Change Orders	\$ -
Amount this Change Order	\$613,853.41
Change Orders to date	\$ 613,853.41

BASE	
Original Contract Days	730
Days Previously Added	0
Days this Change Order	0
Days Added to date	0

REVISED CONTRACT AMOUNT	\$ 2,338,453.41
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REVISED CONTRACT DAYS	730
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**% OF ORIGINAL CONTRACT AMOUNT**

This Change Order	35.6%
Previous Change Order	0.0%
<b>TOTAL TO DATE</b>	<b>35.6%</b>

Work Order Date	3/5/2018
Work Completion Milestone Date	5/5/2020

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 includes all OH and Profit fees associated with the work. No additional fees shall be awarded after acceptance of this Change Order

Proposed By: 

Bart Peak  
Wallace Drumsen

12/4/18  
Date

**Recommended By:**



Ashraf Abdelbasaj  
S&WB Project Manager

12/4/18  
Date

Approved By: 

Fred Tharpi  
Chief of Networks

12/4/18  
Date

**RATIFICATION OF CHANGE ORDER NO.2 FOR CONTRACT 30203 –  
RESTORATION OF EXISTING GRAVITY SEWER POINT REPAIR AND CIPP  
LINING OF SEWER MAINS AT VARIOUS SITES THROUGHOUT ORLEANS  
PARISH**

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**WHEREAS**, the Sewerage and Water Board of New Orleans entered into Contract 30203 with Wallace C. Drennan Inc. for the amount of \$1,933,496.00, and

**WHEREAS**, the Contractor provided additional sewer point repair services under this Contract due to an increase in projects reported throughout the City of New Orleans, and

**WHEREAS**, the Contractor will be granted Zero (0) additional Contract days to complete the work, and

**WHEREAS**, this second and final Change Order, in the amount of **\$6,769,926.06 is 175.10% of the original Contract value.**

**NOW THEREFORE BE IT RESOLVED**, the approval of Change Order No. 2 for Contract 30203 is ratified by the Sewerage and water Board of New Orleans.

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I, Ghassan Korban, Executive Director, Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted at the Regular Meeting of the said Board, duly called and held, according to law, on December 19 , 2018.

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Ghassan Korban  
EXECUTIVE DIRECTOR  
SEWERAGE AND WATER BOARD OF NEW ORLEANS



# SEWERAGE AND WATER BOARD OF NEW ORLEANS

## Inter-Office Memorandum

**Date:** November 18, 2018

**From:** Bruce Adams, P.E. *Bruce Adams* 12/05/2018  
Interim General Superintendent

**To:** Ghassan Korban  
Executive Director

**Re:** Contract 30203 – Restoration of Existing Gravity Sewer Point Repair at Various Sites throughout Orleans Parish

Enclosed please find a recommendation for approval of Change Order No.2 for the above captioned contract.

The change order is required for the addition of competitively bid line items as well as the addition of X-items for various unforeseen repairs to large diameter sewer force mains. The addition of these items is required due to required repairs to sewer house connections inspected by Entergy in several blocks where new Entergy gas lines were installed as well as a delay to the Sewer Point Repair contract 30218. The Contractor's current attained DBE is 43.61%. The required DBE participation goal on this contract is 36% percent and will remain unchanged through this approved change order. The cumulative change order amount is \$8,201,670.96 or 212.09% of the original bid amount of the Contract (Including 1 Renewal). This change order is in the amount of \$6,769,926.06.

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

Bruce Adams, P.E.  
Interim General Superintendent

**Cc:** M. Ron Spooner  
Fred Tharp  
David Cappel  
Steve Bass  
Alvin Porter  
Dexter Joseph  
Rosita Thomas  
Ashraf Abdelbaqi

# Sewerage & Water Board of New Orleans: Change Order 2018 Approval Form

Contract # 30203 P/O# N/A Date: 11/20/2018

Project Name: Restoration of Existing Gravity Sewer Point Repair at Various Sites Throughout Orleans Parish Job/Project # \_\_\_\_\_

Reason for Change Order: The change order is required for the addition of competitively bid line items as well as the addition of X-items for various unforeseen repairs to large diameter sewer force mains. The addition of these items is required due to required repairs to sewer house connections inspected by Entergy in several blocks where new Entergy gas lines were installed as well as a delay to the Sewer Point Repair contract 30218.

Change Order Amount: \$6,769,926.06 Contract Amount Prior To Change Order: \$5,298,736.90

Original Contract Amount: \$1,933,496.00 Total Spent to Date: \$11,873,761.08

PW#: \_\_\_\_\_ Vendor: Wallace Drennan

C. P. Item # N/A / \_\_\_\_\_ % C. P. Item # N/A / \_\_\_\_\_ % C. P. Item # N/A / \_\_\_\_\_ %

## Source of funding for Change Order:

System Funds: \$ \_\_\_\_\_ Bonds: \$ \_\_\_\_\_ FEMA: \$ \_\_\_\_\_ Anticipated FEMA: \$ \_\_\_\_\_

Total Funding: \$ \_\_\_\_\_

FUND Code SWB/027 ORGN Code 6621 ACTIVITY Code N/A OBJECT Code 4408/2027

Total Project Investment to Date: (Place total amount of contracts on projects)

- Survey Phase \$ \_\_\_\_\_
- Design Phase \$ \_\_\_\_\_
- Testing Phase \$ \_\_\_\_\_
- Value of A/E Contract for this work to Date: \$ \_\_\_\_\_
- Construction Contract Value to Date: \$5,298,736.90
- Value of Project Management to Date: \$ \_\_\_\_\_
- Value of other Professional Services to Date: \$ \_\_\_\_\_
- Total Investment to Date: \$ \_\_\_\_\_

## RECORDATION

- Is this change order more than 10% of the original contract and more than \$100,000? ☒ Yes ☐ No
- Does this change order put the total % of change orders above 20% of the original contract and is it more than \$100,000? ☒ Yes ☐ No
- If the answer is yes to either one of these questions recordation is required by state law within 30 days. If the original contract and/or previous change orders have not yet been recorded they must be recorded at this time.

## VENDOR SELECTION AND DBE INFORMATION

- Type of Procurement Used: [Should always be RFP for amendments.]
- Local Vendor: ☒ Yes ☐ No
- DBE: ☒ Yes ☐ No. If Yes, % 36

# Sewerage & Water Board of New Orleans: Change Order **2018** Approval Form

## ACTION CRITICAL

Objective consideration of alternatives: Describe other actions considered. If none, explain why


- I recommend approval for the above project (If not recommending for approval, please indicate a reason below, and return this to the previous signatory)

 Date: 12/4/18

- Level Two (2) Project Manager, S&WB, Engineering Department  
Requested Response Date: 12/4/18

 Date: 12/4/18

- Level One (1) Manager, S&WB, Engineering Department  
Requested Response Date: 12/4/18

 Date: 12/4/18

- Deputy Director, General Superintendent, S&WB, Engineering Department  
Requested Response Date: 12/4/18

 Date: 12/05/2018

- Fiscal Manager, PDU  
Requested Response Date: 12/4/18

\_\_\_\_\_  
Date: \_\_\_\_\_

- Executive Director, S&WB  
Requested Response Date: 12/4/18

\_\_\_\_\_  
Date: \_\_\_\_\_

- Director of Procurement, S&WB  
Requested Response Date: 12/4/18

\_\_\_\_\_  
Date: \_\_\_\_\_

**SCOPE OF CHANGES No. 2**  
**Contract 30203 Sewer Point Repair**  
**(Change Order No. 2)**

**ADDITIONAL ITEMS TO BE ADDED TO CONTRACT**

Item #	FOO#	Detailed Description	Units	Unit Price	Quantity	Amount	Days	Comments
1	1	8"-10" Point Repair (0'-5' Deep)	EA	\$1,000.00	70	\$70,000.00	0	FEMA Ineligible
3	1	8"-10" Point Repair (5'-7' Deep)	EA	\$1,100.00	80	\$88,000.00	0	FEMA Ineligible
5	1	8"-10" Point Repair (7'-9' Deep)	EA	\$6,600.00	40	\$264,000.00	0	FEMA Ineligible
7	1	8"-10" Point Repair (9'-11' Deep)	EA	\$6,600.00	80	\$528,000.00	0	FEMA Ineligible
8	1	8"-10" Beyond Point Repair (9'-11' Deep)	LF	\$600.00	75	\$45,000.00	0	FEMA Ineligible
9	1	8"-10" Point Repair (11'-13' Deep)	EA	\$7,700.00	80	\$616,000.00	0	FEMA Ineligible
10	1	8"-10" Beyond Point Repair (11'-13' Deep)	LF	\$7,000.00	60	\$42,000.00	0	FEMA Ineligible
17	1	12"-15" Point Repair (11'-13' Deep)	EA	\$33,000.00	18	\$594,000.00	0	FEMA Ineligible
18	1	12"-15" Beyond Point Repair (11'-13' Deep)	LF	\$1,188.00	25	\$29,700.00	0	FEMA Ineligible
35	1	24" Point Repair (9'-11' Deep)	EA	\$17,000.00	30	\$170,000.00	0	FEMA Ineligible
43	1	18"-12" Vert Stack Wye/Dble Wye on Main	EA	\$14,400.00	45	\$648,000.00	0	FEMA Ineligible
X-2	1	CY of Abandoned Point Repair	CY	\$866.96	120	\$104,035.20	0	FEMA Ineligible
X-5	1	Erato @ Amundson for Drain Conflict Box	LS	\$19,250.04	1	\$19,250.04	0	FEMA Ineligible
X-8	1	2500 Peoples Ave Spoil Haul-off	LS	\$20,676.60	1	\$20,676.60	0	FEMA Ineligible
X-9	1	Florida and Tupelo 54' SFM Excavation	LS	\$32,357.89	1	\$32,357.89	0	FEMA Ineligible
X-10	1	Station A Bypass Pumping and Excavation	LS	\$28,801.80	1	\$28,801.80	0	FEMA Ineligible
X-14	1	67111 Dorchester Bypass	LS	\$22,341.00	1	\$22,341.00	0	FEMA Ineligible
X-15	1	1218 Dante Onch Basin Replacements	LS	\$11,530.53	1	\$11,530.53	0	FEMA Ineligible
X-16	1	Morrison @ Burke 10-10-17 SFM Excavation	LS	\$24,809.72	1	\$24,809.72	0	FEMA Ineligible
X-17	1	Morrison and Berg SFM Repair 1-13-18	LS	\$30,000.00	1	\$30,000.00	0	FEMA Ineligible
X-18	1	Morrison and Burke 1-17-18 SFM Repair	LS	\$30,000.00	1	\$30,000.00	0	FEMA Ineligible
X-19	1	Harrison and Memphis 24" SFM Repair 1-24-18	LS	\$40,000.00	1	\$40,000.00	0	FEMA Ineligible
1	2	8"-10" Point Repair (0'-5' Deep)	EA	\$1,000.00	-52	-\$52,000.00	0	FEMA Ineligible
3	2	8"-10" Point Repair (5'-7' Deep)	EA	\$1,100.00	-22	-\$24,200.00	0	FEMA Ineligible
5	2	8"-10" Point Repair (7'-9' Deep)	EA	\$6,600.00	25	\$165,000.00	0	FEMA Ineligible
7	2	8"-10" Point Repair (9'-11' Deep)	EA	\$6,600.00	70	\$462,000.00	0	FEMA Ineligible
8	2	8"-10" Beyond Point Repair (9'-11' Deep)	LF	\$600.00	130	\$66,000.00	0	FEMA Ineligible
9	2	8"-10" Point Repair (11'-13' Deep)	EA	\$7,700.00	-83	-\$639,100.00	0	FEMA Ineligible
10	2	8"-10" Beyond Point Repair (11'-13' Deep)	LF	\$700.00	-49	-\$48,300.00	0	FEMA Ineligible
17	2	12"-15" Point Repair (11'-13' Deep)	EA	\$33,000.00	-12	-\$996,000.00	0	FEMA Ineligible
18	2	12"-15" Beyond Point Repair (11'-13' Deep)	LF	\$1,188.00	90	\$59,400.00	0	FEMA Ineligible
35	2	24" Point Repair (9'-11' Deep)	EA	\$17,000.00	2	\$34,000.00	0	FEMA Ineligible
43	2	18"-12" Vert Stack Wye/Dble Wye on Main	EA	\$14,400.00	35	\$504,000.00	0	FEMA Ineligible
44	2	18"-24" Vert Stack Wye/Dble Wye on Main	EA	\$15,000.00	-25	-\$375,000.00	0	FEMA Ineligible
50	2	Adj MH with brick and mortar	EA	\$1,000.00	60	\$60,000.00	0	FEMA Ineligible
54	2	8" Concrete Restoration	SY	\$98.00	6500	\$572,000.00	0	FEMA Ineligible
55	2	5" Asphalt Restoration	SY	\$66.00	5500	\$363,000.00	0	FEMA Ineligible
56	2	1.5" Asphalt Overlay	SY	\$44.00	2000	\$88,000.00	0	FEMA Ineligible
58	2	6" Concrete D/W	SY	\$66.00	4000	\$264,000.00	0	FEMA Ineligible

61	2	4" Concrete SW	SY	\$64.00	4500	\$288,000.00	0	FEMA Ineligible
64	2	Concrete Curb Remove and Replace	LF	\$46.00	6000	\$396,000.00	0	FEMA Ineligible
65	2	Reset Granite Curb	LF	\$300.00	650	\$195,000.00	0	FEMA Ineligible
X-22	2	County Club Drive @ Cheryl Drive 36" SFM	LS	\$151,418.92	1	\$151,418.92	0	FEMA Ineligible
X-31	2	Old Gentilly @ Louis SFM	LS	\$163,044.36	1	\$163,044.36	0	FEMA Ineligible
X-34	2	Pelicans @ Jane 30" Gravity Sewer Videolog	LS	\$78,060.00	1	\$78,060.00	0	FEMA Ineligible
							<b>\$6,769,926.06</b>	<b>0</b>

Contract DBE %	36.0%
Current DBE %	43.6%
Forecasted DBE %	36.0%

Original	\$	1,933,496.00
Amount of previous Change Orders	\$	1,431,744.90
Amount this Change Order	\$	\$6,769,926.06
Change Orders to date	\$	8,201,670.96
REVISED CONTRACT AMOUNT	\$	12,063,662.96

Original Contract Days	730
Days Previously Added	0
Days this Change Order	0
Days Added to date	0
REVISED CONTRACT DAYS	730

**% OF ORIGINAL CONTRACT AMOUNT**

This Change Order	175.1%
Previous Change Order	37.0%
<b>TOTAL TO DATE</b>	<b>212.1%</b>

Work Order Date	1/5/2017
Work Completion Milestone Date	1/5/2019

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 includes all OH and Profit fees associated with the work. No additional fees shall be awarded after acceptance of this Change Order

Proposed By:   
 Brian Peak  
 Wallace Drennan

12/4/18  
 Date

Recommended By:   
 Asraf Abdelhaqi  
 S&WB Project Manager

12/4/18  
 Date

Approved By:   
 Fred Tharp  
 Chief of Networks

12/4/18  
 Date





## SEWERAGE AND WATER BOARD OF NEW ORLEANS

December 12, 2018

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

### Re: Financial Results through October 2018

Attached are the *Statement of Revenues, Expenses, and Changes in Net Position* with budget and prior year comparisons for the water, sewer, drainage and total systems through October 2018. The Variance Indicators for Financial Results through October 2018 is also attached. Also, attached is the Unrestricted Cash in days through October 2018. The *Statement of Net Assets* and the *Statement of Cash Flows* will be provided after the completion of the 2017 audit.

#### Operating Revenues:

**Water System Fund** (pages 7 and 8, line 5) October 2018 MTD operating revenues of \$9,216,123 is \$155,890 (or 1.7%) more than budgeted and \$1,835,658 (or 24.9%) more than October 2017 MTD. October 2018 YTD operating revenues of \$75,399,271 is \$15,203,064 (or 16.8%) less than budgeted and \$1,331,409 (or 1.7%) less than October 2017 YTD.

**Sewer System Fund** (pages 13 and 14, line 5) October 2018 MTD operating revenues of \$11,385,261 is \$530,320 (or 4.9%) more than budgeted and \$2,245,773 (or 24.6%) more than October 2017 MTD. October 2018 YTD operating revenues of \$95,765,403 is \$12,784,005 (or 11.8%) less than budgeted and \$3,532,743 (or 3.8%) more than October 2017 YTD.

**Drainage System Fund** (pages 19 and 20, line 5) October 2018 MTD operating revenues of \$2,826 (or 100%) more than budgeted and is \$114,311 (or 97.6%) less than October 2017 MTD. October 2018 YTD operating revenues of \$80,206 (or 100%) more than budgeted and is \$176,116 (or 68.7%) less than October 2017 YTD.

**Total System Funds** (pages 1 and 2, line 5) October 2018 MTD operating revenues of \$20,604,210 is \$689,035 (or 3.5%) more than budgeted and \$3,967,120 (or 23.8%) more than October 2017 MTD. October 2018 YTD operating revenues of \$171,244,880 is \$27,906,864 (or 14.0%) less than budgeted and \$2,025,217 (or 1.2%) more than October 2017 YTD.

#### Operating Expenses:

**Water System Fund** (pages 7 and 8, line 18) October 2018 MTD operating expenses of \$9,154,469 is \$62,154 (or 0.7%) more than budgeted and \$477,299 (or 5.5%) more than October 2017 MTD. October 2018 YTD operating expenses of \$79,202,325 is \$11,720,824 (or 12.9%) less than budgeted and \$8,740,403 (or 12.4%) more than October 2017 YTD.

**Sewer System Fund** (pages 13 and 14, line 18) October 2018 MTD operating expenses of \$8,063,949 is \$2,114,253 (or 20.8%) less than budgeted and \$528,540 (or 7.0%) more than October 2017 MTD. October 2018 YTD operating expenses of \$86,597,123 is \$15,184,896 (or 14.9%) less than budgeted and \$21,292,309 (or 32.6%) more than October 2017 YTD.

**Drainage System Fund** (pages 19 and 20, line 18) October 2018 MTD operating expenses of \$7,089,705 is \$690,457 (or 10.8%) more than budgeted and \$950,787 (or 11.8%) less than October 2017 MTD. October 2018 YTD operating expenses of \$69,502,805 is \$5,510,330 (or 8.6%) more than budgeted and \$15,500,178 (or 28.7%) more than October 2017 YTD.

**Total System Funds** (pages 1 and 2, line 18) October 2018 MTD operating expenses of \$24,308,122 is \$1,361,642 (or 5.3%) less than budgeted and \$55,053 (or 0.2%) more than October 2017 MTD. October 2018 YTD operating expenses of \$235,302,253 is \$21,395,390 (or 8.3%) less than budgeted and \$45,532,890 (or 24.0%) more than October 2017 YTD.



## SEWERAGE AND WATER BOARD OF NEW ORLEANS

### Net Non-Operating Revenues:

**Water System Fund** (pages 7 and 8, line 28) October 2018 MTD non-operating revenues of \$10,737 is \$258,689 (or 96.0%) less than budgeted and \$46,694 (or 81.3%) less than October 2017 MTD. October 2018 YTD net non-operating revenues of \$231,674 is \$2,462,592 (or 91.4%) less than budgeted and \$602,073 (or 72.2%) less than October 2017 YTD.

**Sewer System Fund** (pages 13 and 14, line 28) October 2018 MTD non-operating revenues of \$106 is \$252,774 (or 100.0%) less than budgeted and \$30,831 (or 99.7%) less than October 2017 MTD. October 2018 YTD net non-operating revenues of \$105,407 is \$2,423,396 (or 95.8%) less than budgeted and \$486,563 (or 82.2%) less than October 2017 YTD.

**Drainage System Fund** (pages 19 and 20, line 28) October 2018 MTD non-operating revenues of \$378,305 is \$277,080 (or 273.7%) more than budgeted and \$107,008 (or 39.4%) more than October 2017 MTD. October 2018 YTD net non-operating revenues of \$54,463,760 is \$8,479,563 (or 18.4%) more than budgeted and \$1,219,098 (or 2.2%) less than October 2017 YTD.

**Total System Funds** (pages 1 and 2, line 28) October 2018 MTD non-operating revenues of \$389,148 is \$234,383 (or 37.6%) less than budgeted and \$29,483 (or 8.2%) more than October 2017 MTD. October 2018 YTD net non-operating revenues of \$54,800,840 is \$3,593,575 (or 7.0%) more than budgeted and \$2,307,734 (or 4.0%) more than October 2017 YTD.

### Income Before Contributions in Aid of Construction:

**Water System Fund** (pages 7 and 8, line 29) October 2018 MTD income before contributions of \$72,391 is \$164,954 (or 69.5%) less than budgeted and \$1,311,665 (or 105.8%) more than October 2017 MTD. October 2018 YTD income before capital contributions of -\$3,571,380 is \$5,944,832 (or 250.5%) less than budgeted and \$10,673,885 (or 150.3%) less than October 2017 YTD.

**Sewer System Fund** (pages 13 and 14, line 29) October 2018 MTD income before contributions of \$3,321,418 is \$2,391,799 (or 257.3%) more than budgeted and \$1,686,401 (or 103.1%) more than October 2017 MTD. October 2018 YTD income before capital contributions of \$9,273,686 is \$22,505 (or 0.2%) less than budgeted and \$18,246,130 (or 66.3%) less than October 2017 YTD.

**Drainage System Fund** (pages 19 and 20, line 29) October 2018 MTD income before contributions of -\$6,708,574 is \$410,551 (or 6.5%) less than budgeted and \$943,484 (or 12.3%) more than October 2017 MTD. October 2018 YTD income before capital contributions of -\$14,958,839 is \$3,049,438 (or 16.9%) more than budgeted and \$16,895,392 (or 872.4%) less than October 2017 YTD.

**Total System Funds** (pages 1 and 2, line 29) October 2018 MTD income before contributions of -\$3,314,764 is \$1,816,294 (or 35.4%) more than budgeted and \$3,941,550 (or 54.3%) more than October 2017 MTD. October 2018 YTD income before capital contributions of -\$9,256,533 is -\$2,917,900 (or 46.0%) less than budgeted and \$45,815,407 (or 125.3%) less than October 2017 YTD.



## 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, 2018 are:

	Water	Sewer	Total
<b>Original Balance</b>	\$ 144,012.88	-	\$ 144,012.88
<b>Less Disbursements</b>	-	-	-
<b>Plus Reimbursements</b>	-	-	-
<b>Plus Income</b>	122.31	-	122.31
<b>Ending Balance</b>	\$ 144,135.19	-	\$ 144,135.19

The balances of funds from the Series 2015 bond proceeds available for capital construction as of October 31, 2018 are:

	Water	Sewer	Total
<b>Original Balance</b>	\$ 13,859,486.64	\$ 5,918.75	\$ 13,865,405.39
<b>Less Disbursements</b>	(3,000,000.00)	-	(3,000,000.00)
<b>Plus Reimbursements</b>	-	-	-
<b>Plus Income</b>	10,743.67	4.02	10,747.69
<b>Ending Balance</b>	\$ 10,870,230.31	\$ 5,922.77	\$ 10,876,153.08

<b>Total</b>	\$11,014,365.50	\$5,922.77	\$11,020,288.27
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The days-of-cash at October 31, 2018 were 121 days for the water system, 56 days for the sewer system, 0 days for the drainage system and 64 days for the total systems. Combined the total system results were below the minimum policy target of 180 days. Individually, water, sewer, and drainage system did not meet its policy target of 180 days.

The projected coverage for the year ending October 31, 2018, based upon financial results through October 31, 2018, remains at the budgeted levels of 0.69 times for the water system and 1.37 times for the sewer system. Water system is below the policy target of 1.50 times and below the bond covenant minimum of 1.25. Sewer system result is below the policy target of 1.50 times but above the bond covenant minimum of 1.25.

**Certification.** In connection with the accompanying monthly financial report of the Sewerage and Water Board of New Orleans for the period ended October 31, 2018, 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 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 2018**

	A	B	C	D	E	F	G	H
	MTD	MTD	MTD	%	YTD	YTD	YTD	%
	Actual	Prior Year	Variance		Actual	Prior Year	Variance	
Operating revenues:								
1 Sales of water and delinquent fees	9,019,474	7,186,043	1,833,431	25.5%	73,721,369	75,029,628	(1,308,259)	-1.7%
2 Sewerage service charges and del fees	11,358,652	9,078,310	2,279,742	25.1%	95,245,997	91,507,363	3,738,634	4.1%
3 Plumbing inspection and license fees	48,650	43,640	5,010	11.5%	544,944	491,170	53,774	10.9%
4 Other revenues	178,634	329,097	(151,063)	-45.9%	1,732,570	2,191,502	(458,932)	-20.9%
5 Total operating revenues	20,604,210	16,637,090	3,967,120	23.8%	171,244,880	169,219,663	2,025,217	1.2%
Operating Expenses:								
6 Power and pumping	3,254,563	4,203,977	(949,414)	-22.6%	31,200,398	21,931,824	9,268,574	42.3%
7 Treatment	590,690	1,504,749	(914,059)	-60.7%	15,607,289	19,505,877	(3,898,588)	-20.0%
8 Transmission and distribution	2,871,123	5,058,163	(2,187,040)	-43.2%	31,334,848	24,943,112	6,391,736	25.6%
9 Customer accounts	285,720	534,779	(249,059)	-46.6%	4,195,601	3,678,664	516,937	14.1%
10 Customer service	314,699	553,377	(238,678)	-43.1%	3,549,057	3,599,425	(50,368)	-1.4%
11 Administration and general	3,100,145	2,400,635	699,510	29.1%	32,539,179	19,318,140	13,221,039	68.4%
12 Payroll related	3,960,373	3,681,874	278,499	7.6%	40,664,812	33,039,925	7,624,887	23.1%
13 Maintenance of general plant	2,952,464	1,491,393	1,461,101	98.0%	20,818,519	20,658,368	160,151	0.8%
14 Depreciation	4,954,114	4,330,677	623,436	14.4%	49,541,137	38,932,374	10,608,763	27.2%
15 Amortization	-	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	1,776,798	184,570	1,592,228	862.7%	3,437,928	1,661,130	1,776,798	107.0%
17 Provision for claims	247,404	308,875	(61,471)	-19.9%	2,413,484	2,500,524	(87,040)	-3.5%
18 Total operating expenses	24,308,122	24,253,069	55,053	0.2%	235,302,253	189,769,363	45,532,890	24.0%
19 Operating income (loss)	(3,703,913)	(7,615,979)	3,912,067	-51.4%	(64,057,373)	(20,549,700)	(43,507,673)	211.7%
Non-operating revenues (expense):								
20 Two-mill tax	269	201	68	33.6%	353	2,258	(1,905)	-84.4%
21 Three-mill tax	-	2	(2)	-100.0%	15,051,631	15,379,399	(327,768)	-2.1%
22 Six-mill tax	151,294	104,197	47,097	45.2%	15,753,701	16,070,623	(316,922)	-2.0%
23 Nine-mill tax	226,743	156,185	70,558	45.2%	23,614,076	24,089,093	(475,017)	-2.0%
24 Interest income	10,943	99,096	(88,153)	-89.0%	380,862	1,269,564	(888,703)	-70.0%
25 Other Income	-	-	-	0.0%	-	296,164	(296,164)	-100.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	(100)	(16)	(84)	525.0%	217	1,473	(1,256)	-83.3%
28 Total non-operating revenues	389,148	339,665	29,483	8.2%	54,800,840	57,108,574	(2,307,734)	-4.0%
29 Income before capital contributions	(3,314,764)	(7,256,314)	3,941,550	-54.3%	(9,256,533)	36,558,874	(45,815,407)	-125.3%
30 Capital contributions	47,468	5,319,526	(5,272,058)	-99.1%	17,607,701	31,190,665	(13,582,964)	-43.5%
31 Change in net position	(3,267,296)	(1,936,788)	(1,330,508)	68.7%	8,351,168	67,749,539	(59,398,371)	-87.7%
32 Net position, beginning of year					2,331,322,205	2,228,421,948	102,900,257	4.6%
33 Net position, end of year					2,339,673,373	2,296,171,487	43,501,886	1.9%

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**  
**ALL SYSTEM FUNDS**  
**STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION**  
**WITH BUDGET COMPARISONS**  
**October 2018**

	A	B	C	D	E	F	G	H
	MTD	MTD	MTD	%	YTD	YTD	YTD	%
	Actual	Budget	Variance		Actual	Budget	Variance	
<b>Operating revenues:</b>								
1 Sales of water and delinquent fees	9,019,474	8,770,727	248,747	2.8%	73,721,369	87,707,273	(13,985,904)	-15.9%
2 Sewerage service charges and del fees	11,358,552	10,777,991	580,061	5.4%	95,245,997	107,779,907	(12,533,910)	-11.6%
3 Plumbing inspection and license fees	48,650	53,756	(5,106)	-9.5%	544,944	537,563	7,382	1.4%
4 Other revenues	178,134	312,700	(134,666)	-43.1%	1,732,570	3,127,002	(1,394,432)	-44.6%
5 Total operating revenues	20,604,210	19,915,174	689,035	3.5%	171,244,880	199,151,744	(27,906,864)	-14.0%
<b>Operating Expenses:</b>								
6 Power and pumping	3,254,563	2,195,269	1,059,294	48.3%	31,200,398	21,952,692	9,247,706	42.1%
7 Treatment	590,690	1,951,095	(1,360,405)	-69.7%	15,607,289	19,510,948	(3,903,659)	-20.0%
8 Transmission and distribution	2,871,123	3,080,266	(209,143)	-6.8%	31,334,848	30,802,658	532,189	1.7%
9 Customer accounts	285,720	468,889	(182,669)	-39.0%	4,195,601	4,683,889	(488,288)	-10.4%
10 Customer service	314,699	445,895	(131,196)	-29.4%	3,549,057	4,458,947	(909,890)	-20.4%
11 Administration and general	3,100,145	5,119,407	(2,019,263)	-39.4%	32,539,179	51,194,073	(18,654,894)	-36.4%
12 Payroll related	3,960,273	3,567,007	393,366	11.0%	40,664,812	35,670,067	4,994,746	14.0%
13 Maintenance of general plant	2,952,494	3,116,852	(164,358)	-5.3%	20,818,519	31,168,522	(10,350,002)	-33.2%
14 Depreciation	4,954,114	4,988,917	(34,803)	-0.7%	49,541,137	49,889,167	(348,030)	-0.7%
15 Amortization	-	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	1,776,798	390,974	1,385,824	354.5%	3,437,928	3,909,744	(471,816)	-12.1%
17 Provision for claims	247,404	345,694	(98,290)	-28.4%	2,413,484	3,456,938	(1,043,453)	-30.2%
18 Total operating expenses	24,308,122	25,669,764	(1,361,642)	-5.3%	235,302,253	256,697,643	(21,395,390)	-8.3%
19 Operating income (loss)	(3,703,913)	(5,754,590)	2,050,677	-35.6%	(64,057,373)	(57,545,898)	(6,511,475)	11.3%
<b>Non-operating revenues (expense):</b>								
20 Two-mill tax	269	-	269	0.0%	353	-	353	0.0%
21 Three-mill tax	-	-	-	0.0%	15,051,631	12,358,280	2,693,351	21.8%
22 Six-mill tax	151,294	-	151,294	0.0%	15,753,701	13,051,009	2,702,692	20.7%
23 Nine-mill tax	226,743	-	226,743	0.0%	23,614,076	19,562,658	4,051,418	20.7%
24 Interest income	10,943	133,053	(122,110)	-91.8%	380,862	1,330,528	(949,666)	-71.4%
25 Other Income	-	226,954	(226,954)	-100.0%	-	2,269,540	(2,269,540)	-100.0%
26 Interest expense	-	(10,858)	10,858	-100.0%	-	(108,583)	108,583	-100.0%
27 Operating and maintenance grants	(.00)	274,383	(274,483)	-100.0%	217	2,743,833	(2,743,616)	-100.0%
28 Total non-operating revenues	389,48	622,532	(234,383)	-37.6%	54,800,840	51,207,265	3,593,575	7.0%
29 Income before capital contributions	(3,314,764)	(5,131,058)	1,816,294	-35.4%	(9,256,533)	(6,338,633)	(2,917,900)	46.0%
30 Capital contributions	47,468	-	47,468	0.0%	17,607,701	-	17,607,701	0.0%
31 Change in net position	(3,267,296)	(5,131,058)	1,863,762	-36.3%	8,351,168	(6,338,633)	14,689,801	-231.8%
32 Net position, beginning of year					2,331,322,205	2,228,421,948	102,900,257	4.6%
33 Net position, end of year					2,339,673,373	2,222,083,315	117,590,058	5.3%

**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 2018

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD	%	YTD	YTD	YTD	%	
	Actual	Prior Year	Variance		Actual	Prior Year	Variance		
<b>Operating revenues:</b>									
1 Sales of water and delinquent fees	9,019,474	7,186,043	1,833,431	25.5%	73,121,369	75,029,628	(1,308,259)	-1.7%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	48,650	21,820	26,830	123.0%	492,011	249,820	242,191	96.9%	3
4 Other revenues <sup>1</sup>	147,959	172,602	(24,603)	-14.3%	1,185,891	1,451,233	(265,341)	-18.3%	4
5 Total operating revenues	9,216,123	7,380,465	1,835,658	24.9%	75,399,271	76,730,681	(1,331,409)	-1.7%	5
<b>Operating Expenses:</b>									
6 Power and pumping	117,516	189,691	(72,175)	-38.0%	1,992,287	2,496,829	(504,542)	-20.2%	6
7 Treatment	577,180	557,865	19,315	3.5%	7,187,179	6,028,803	1,158,376	19.2%	7
8 Transmission and distribution	2,116,049	3,163,985	(1,047,936)	-33.1%	16,578,089	14,689,241	1,888,848	12.9%	8
9 Customer accounts	146,611	267,008	(120,397)	-45.1%	2,090,784	1,836,344	254,440	13.9%	9
10 Customer service	159,557	266,523	(106,926)	-40.1%	1,755,841	1,745,633	10,208	0.6%	10
11 Administration and general	1,040,751	877,411	163,380	18.6%	11,102,574	7,042,069	4,060,505	57.7%	11
12 Payroll related	1,505,566	1,552,167	(46,601)	-3.0%	15,211,025	14,143,713	1,067,312	7.5%	12
13 Maintenance of general plant	1,666,038	717,179	948,859	132.3%	10,571,594	12,946,737	(2,375,143)	-18.3%	13
14 Depreciation	1,018,044	845,499	172,545	20.4%	10,180,436	7,521,102	2,659,334	35.4%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	710,765	95,834	614,871	641.6%	1,573,211	862,506	710,705	82.4%	16
17 Total operating expenses	9,154,469	8,677,170	477,299	5.5%	79,202,325	1,148,945	(189,639)	-16.5%	17
18									18
19 Operating income (loss)	61,654	(1,296,705)	1,358,359	-104.8%	(3,803,053)	6,268,759	(10,071,812)	-160.7%	19
<b>Non-operating revenues (expense):</b>									
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	10,837	57,473	(46,636)	-81.1%	231,457	700,528	(469,072)	-67.0%	24
25 Other Income	-	-	-	0.0%	-	131,793	(131,793)	-100.0%	25
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%	26
27 Operating and maintenance grants	(100)	(42)	(58)	138.1%	217	1,425	(1,208)	-84.8%	27
28 Total non-operating revenues	10,737	57,431	(46,694)	-81.3%	231,674	833,746	(602,073)	-72.2%	28
29 Income before capital contributions	72,391	(1,239,274)	1,311,665	-105.8%	(3,571,380)	7,102,505	(10,673,885)	-150.3%	29
30 Capital contributions	14,933	4,746,262	(4,731,349)	-99.7%	11,580,331	21,659,783	(10,079,452)	-46.5%	30
31 Change in net position	87,304	3,506,989	(3,419,684)	-97.5%	8,008,951	28,762,288	(20,753,337)	-72.2%	31
32 Net position, beginning of year					366,595,762	337,110,237	29,485,525	8.7%	32
33 Net position, end of year					374,604,713	365,872,525	8,732,188	2.4%	33

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**  
**WATER SYSTEM FUND**  
**STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION**  
**WITH BUDGET COMPARISONS**  
**October 2018**

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD	%	YTD	YTD	YTD	%	
	Actual	Budget	Variance		Actual	Budget	Variance		
<b>Operating revenues:</b>									
1 Sales of water and delinquent fees	9,019,454	8,770,727	248,747	2.8%	73,721,369	87,707,273	(13,985,904)	-15.9%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	48,650	26,583	22,067	83.0%	492,011	265,828	226,183	85.1%	3
4 Other revenues	147,959	262,923	(114,924)	-43.7%	1,185,891	2,629,234	(1,443,343)	-54.9%	4
5 Total operating revenues	9,216,123	9,060,234	155,890	1.7%	75,399,271	90,602,336	(15,203,064)	-16.8%	5
<b>Operating Expenses:</b>									
6 Power and pumping	117,516	234,509	(116,994)	-49.9%	1,992,287	2,345,091	(352,804)	-15.0%	6
7 Treatment	577,180	777,455	(200,275)	-25.8%	7,187,179	7,774,553	(587,374)	-7.6%	7
8 Transmission and distribution	2,116,009	1,416,798	699,251	49.4%	16,578,089	14,167,980	2,410,109	17.0%	8
9 Customer accounts	146,611	232,947	(86,336)	-37.1%	2,090,784	2,329,473	(238,690)	-10.2%	9
10 Customer service	159,597	220,182	(60,585)	-27.5%	1,755,841	2,201,819	(445,978)	-20.3%	10
11 Administration and general	1,040,791	1,767,199	(726,408)	-41.1%	11,102,574	17,671,988	(6,569,414)	-37.2%	11
12 Payroll related	1,505,566	1,361,583	143,983	10.6%	15,211,025	13,615,830	1,595,195	11.7%	12
13 Maintenance of general plant	1,666,038	1,446,991	219,047	15.1%	10,571,594	14,469,910	(3,898,316)	-26.9%	13
14 Depreciation	1,018,044	1,329,750	(311,706)	-23.4%	10,180,436	13,297,500	(3,117,064)	-23.4%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	710,705	175,415	535,290	305.2%	1,573,211	1,754,146	(180,935)	-10.3%	16
17 Provision for claims	96,313	129,486	(33,113)	-25.6%	959,306	1,294,858	(335,553)	-25.9%	17
18 Total operating expenses	9,154,469	9,092,315	62,154	0.7%	79,202,325	90,923,148	(11,720,824)	-12.9%	18
19 Operating income (loss)	61,654	(32,081)	93,735	-292.2%	(3,803,053)	(320,812)	(3,482,241)	1085.4%	19
<b>Non-operating revenues (expense):</b>									
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	10,837	63,684	(52,847)	-83.0%	231,457	636,844	(405,388)	-63.7%	24
25 Other Income	-	68,550	(68,550)	-100.0%	-	685,504	(685,504)	-100.0%	25
26 Interest expense	(100)	-	-	0.0%	-	-	-	0.0%	26
27 Operating and maintenance grants	(100)	137,192	(137,292)	-100.1%	217	1,371,917	(1,371,700)	-100.0%	27
28 Total non-operating revenues	10,737	269,427	(258,689)	-96.0%	231,674	2,694,265	(2,462,592)	-91.4%	28
29 Income before capital contributions	72,391	237,345	(164,954)	-69.5%	(3,571,380)	2,373,453	(5,944,832)	-250.5%	29
30 Capital contributions	14,913	-	14,913	0.0%	11,580,331	-	11,580,331	0.0%	30
31 Change in net position	87,304	237,345	(150,041)	-63.2%	8,008,951	2,373,453	5,635,498	237.4%	31
32 Net position, beginning of year					366,595,762	337,110,237	29,485,525	8.7%	32
33 Net position, end of year					374,604,713	339,483,690	35,121,023	10.3%	33

**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 2018**

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD	%	YTD	YTD	YTD	%	
	Actual	Prior Year	Variance		Actual	Prior Year	Variance		
<b>Operating revenues:</b>									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	11,358,052	9,078,310	2,279,742.00	25.1%	95,245,997	91,507,363	3,738,634	4.1%	2
3 Plumbing inspection and license fees	-	21,820	(21,820.00)	-100.0%	52,933	241,350	(188,417)	-78.1%	3
4 Other revenues	27,209	39,358	(12,150)	-30.9%	466,473	483,947	(17,474)	-3.6%	4
5 Total operating revenues	11,385,261	9,139,488	2,245,773	24.6%	95,765,403	92,232,660	3,532,743	3.8%	5

<b>Operating Expenses:</b>									
6 Power and pumping	344,948	102,355	242,593	237.0%	4,195,474	2,633,514	1,561,960	59.3%	6
7 Treatment	13,510	934,945	(921,435)	-98.6%	8,420,110	13,384,715	(4,964,605)	-37.1%	7
8 Transmission and distribution	556,682	1,820,010	(1,263,328)	-69.4%	11,510,036	9,623,899	1,886,137	19.6%	8
9 Customer accounts	137,028	267,007	(129,979)	-48.7%	2,081,197	1,836,340	244,857	13.3%	9
10 Customer service	150,014	268,357	(118,343)	-44.1%	1,746,253	1,760,866	(14,613)	-0.8%	10
11 Administration and general	1,431,923	841,007	590,916	70.3%	14,521,913	6,583,481	7,938,432	120.6%	11
12 Payroll related	1,491,797	1,164,131	327,666	28.1%	15,160,511	10,494,749	4,665,762	44.5%	12
13 Maintenance of general plant	807,261	227,092	580,169	255.5%	6,463,007	2,025,522	4,437,485	219.1%	13
14 Depreciation	1,963,320	1,730,049	238,271	13.8%	19,683,201	15,433,237	4,249,964	27.5%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	1,065,093	88,736	977,357	1101.4%	1,864,717	798,624	1,066,093	133.5%	16
17 Provision for claims	95,372	91,719	4,653	5.1%	950,703	729,867	220,836	30.3%	17
18 Total operating expenses	8,063,949	7,535,408	528,540	7.0%	86,597,123	65,304,814	21,292,309	32.6%	18
19 Operating income (loss)	3,321,312	1,604,080	1,717,232	107.1%	9,168,280	26,927,846	(17,759,566)	-66.0%	19

<b>Non-operating revenues (expense):</b>									
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	106	30,911	(30,805)	-99.7%	105,407	427,551	(322,144)	-75.3%	24
25 Other Income	-	-	-	0.0%	-	164,371	(164,371)	-100.0%	25
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%	26
27 Operating and maintenance grants	-	26	(26)	-100.0%	-	48	(48)	-100.0%	27
28 Total non-operating revenues	106	30,937	(30,831)	-99.7%	105,407	591,970	(486,563)	-82.2%	28
29 Income before capital contributions	3,321,418	1,635,017	1,686,401	103.1%	9,273,686	27,519,816	(18,246,130)	-66.3%	29
30 Capital contributions	-	(370,697)	370,697	-100.0%	3,071,833	3,713,977	(642,144)	-17.3%	30
31 Change in net position	3,321,418	1,264,320	2,057,098	162.7%	12,345,519	31,233,793	(18,888,274)	-60.5%	31
32 Net position, beginning of year					816,067,352	792,100,836	23,966,516	3.0%	32
33 Net position, end of year					828,407,871	823,334,629	5,073,242	0.6%	33



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

**STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION  
WITH BUDGET COMPARISONS  
October 2018**

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD	%	YTD	YTD	YTD	%	
	Actual	Budget	Variance		Actual	Budget	Variance		
<b>Operating revenues:</b>									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	11,358,052	10,777,991	580,061	5.4%	95,245,997	107,779,907	(12,533,910)	-11.6%	2
3 Plumbing inspection and license fees	-	27,173	(27,173)	-100.0%	52,933	271,734	(218,801)	-80.5%	3
4 Other revenues	27,209	49,777	(22,568)	-45.3%	466,473	497,768	(31,295)	-6.3%	4
5 Total operating revenues	11,385,261	10,854,941	530,320	4.9%	95,765,403	108,549,408	(12,784,005)	-11.8%	5

<b>Operating Expenses:</b>									
6 Power and pumping	344,948	377,143	(32,195)	-8.5%	4,195,474	3,771,428	424,046	11.2%	6
7 Treatment	13,510	1,173,640	(1,160,129)	-98.8%	8,420,110	11,736,395	(3,316,285)	-28.3%	7
8 Transmission and distribution	556,682	1,313,740	(757,059)	-57.6%	11,510,036	13,137,404	(1,627,368)	-12.4%	8
9 Customer accounts	137,028	232,947	(95,919)	-41.2%	2,081,197	2,329,473	(248,276)	-10.7%	9
10 Customer service	150,014	220,182	(70,168)	-31.9%	1,746,253	2,201,819	(455,566)	-20.7%	10
11 Administration and general	1,431,923	2,290,141	(858,219)	-37.5%	14,521,913	22,901,413	(8,379,500)	-36.6%	11
12 Payroll related	1,491,797	1,439,379	52,418	3.6%	15,160,511	14,393,786	766,725	5.3%	12
13 Maintenance of general plant	807,361	934,568	(127,306)	-13.6%	6,463,007	9,345,678	(2,882,670)	-30.8%	13
14 Depreciation	1,968,320	1,863,333	104,987	5.6%	19,683,201	18,633,333	1,049,868	5.6%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	1,066,093	215,560	850,533	394.6%	1,864,717	2,155,598	(290,881)	-13.5%	16
17 Provision for claims	96,372	117,569	(21,197)	-18.0%	950,703	1,175,692	(224,989)	-19.1%	17
18 Total operating expenses	8,063,949	10,178,202	(2,114,253)	-20.8%	86,597,123	101,782,019	(15,184,896)	-14.9%	18
19 Operating income (loss)	3,321,312	676,739	2,644,573	390.8%	9,168,280	6,767,389	2,400,890	35.5%	19

<b>Non-operating revenues (expense):</b>									
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	106	38,868	(38,762)	-99.7%	105,407	388,683	(283,277)	-72.9%	24
25 Other Income	-	76,820	(76,820)	-100.0%	-	768,203	(768,203)	-100.0%	25
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%	26
27 Operating and maintenance grants	-	137,192	(137,192)	-100.0%	-	1,371,917	(1,371,917)	-100.0%	27
28 Total non-operating revenues	106	252,880	(252,774)	-100.0%	105,407	2,528,803	(2,423,396)	-95.8%	28
29 Income before capital contributions	3,321,418	929,619	2,391,799	257.3%	9,273,686	9,296,192	(22,505)	-0.2%	29
30 Capital contributions	-	-	-	0.0%	3,071,833	-	3,071,833	0.0%	30
31 Change in net position	3,321,418	929,619	2,391,799	257.3%	12,345,519	9,296,192	3,049,327	32.8%	31
32 Net position, beginning of year	-	-	-	-	816,062,352	792,100,836	23,961,516	3.0%	32
33 Net position, end of year	-	-	-	-	828,407,871	801,397,028	27,010,843	3.4%	33

**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 2018

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD	%	YTD	YTD	YTD	%	
	Actual	Prior Year	Variance		Actual	Prior Year	Variance		
<b>Operating revenues:</b>									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4 Other revenues	2,826	117,137	(114,311)	-97.6%	80,206	256,322	(176,116)	-68.7%	4
5 Total operating revenues	2,826	117,137	(114,311)	-97.6%	80,206	256,322	(176,116)	-68.7%	5
<b>Operating Expenses:</b>									
6 Power and pumping	2,792,100	3,911,931	(1,119,831)	-28.6%	25,012,637	16,801,481	8,211,156	48.9%	6
7 Treatment	-	11,939	(11,939)	-100.0%	-	92,359	(92,359)	-100.0%	7
8 Transmission and distribution	198,392	74,168	124,224	167.5%	3,246,723	629,972	2,616,751	415.4%	8
9 Customer accounts	2,081	764	1,317	172.4%	23,620	5,980	17,640	295.0%	9
10 Customer service	5,087	18,497	(13,410)	-72.5%	46,963	92,926	(45,963)	-49.5%	10
11 Administration and general	627,431	682,217	(54,786)	-8.0%	6,914,692	5,692,590	1,222,102	21.5%	11
12 Payroll related	953,010	965,576	(2,566)	-0.3%	10,293,276	8,401,463	1,891,813	22.5%	12
13 Maintenance of general plant	479,195	547,122	(67,927)	-12.4%	3,783,918	5,686,109	(1,902,191)	-33.5%	13
14 Depreciation	1,957,750	1,755,129	212,621	12.1%	19,677,500	15,978,035	3,699,465	23.2%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	54,659	73,148	(18,489)	-25.3%	503,476	621,712	(118,236)	-19.0%	16
17 Provision for claims	7,089,705	8,040,491	(950,787)	-11.8%	69,502,805	54,002,627	15,500,178	28.7%	17
18 Total operating expenses	(7,086,879)	(7,923,354)	836,476	-10.6%	(69,422,600)	(53,746,305)	(15,676,295)	29.2%	18
19 Operating income (loss)									19
<b>Non-operating revenues (expense):</b>									
20 Two-mill tax	269	201	68	33.6%	353	2,258	(1,905)	-84.4%	20
21 Three-mill tax	-	2	(2)	-100.0%	15,051,631	15,379,399	(327,768)	-2.1%	21
22 Six-mill tax	151,294	104,197	47,097	45.2%	15,753,701	16,070,623	(316,922)	-2.0%	22
23 Nine-mill tax	226,743	156,185	70,558	45.2%	23,614,076	24,089,093	(475,017)	-2.0%	23
24 Interest income	-	10,712	(10,712)	-100.0%	43,998	141,485	(97,487)	-68.9%	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	378,305	271,297	107,008	39.4%	54,463,760	55,682,858	(1,219,098)	-2.2%	28
29 Income before capital contributions	(6,708,574)	(7,652,057)	943,484	-12.3%	(14,958,839)	1,936,553	(16,895,392)	-872.4%	29
30 Capital contributions	32,555	943,961	(911,406)	-96.6%	2,935,538	5,816,905	(2,881,367)	-49.2%	30
31 Change in net position	(6,676,018)	(6,708,096)	32,078	-0.5%	(12,003,302)	7,753,458	(19,756,760)	-254.8%	31
32 Net position, beginning of year					1,148,664,091	1,099,210,875	49,453,216	4.5%	32
33 Net position, end of year					1,136,660,789	1,106,964,333	29,696,456	2.7%	33

**SEWERAGE AND WATER BOARD OF NEW ORLEANS**  
**DRAINAGE SYSTEM FUND**  
**STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION**  
**WITH BUDGET COMPARISONS**  
**October 2018**

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD	%	YTD	YTD	YTD	%	
	Actual	Budget	Variance		Actual	Budget	Variance		
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4 Other revenues	2,826	-	2,826	100.0%	80,206	-	80,206	100.0%	4
5 Total operating revenues	2,826	-	2,826	100.0%	80,206	-	80,206	100.0%	5

<b>Operating Expenses:</b>									
6 Power and pumping	2,792,100	1,583,617	1,208,482	76.3%	25,012,637	15,836,173	9,176,464	57.9%	6
7 Treatment	-	-	-	0.0%	-	-	-	0.0%	7
8 Transmission and distribution	198,352	349,727	(151,335)	-43.3%	3,246,723	3,497,274	(250,551)	-7.2%	8
9 Customer accounts	2,081	2,494	(413)	-16.6%	23,620	24,943	(1,322)	-5.3%	9
10 Customer service	5,087	5,531	(443)	-8.0%	46,963	55,308	(8,346)	-15.1%	10
11 Administration and general	627,431	1,062,067	(434,636)	-40.9%	6,914,692	10,620,672	(3,705,980)	-34.9%	11
12 Payroll related	963,010	766,045	196,965	25.7%	10,293,276	7,660,451	2,632,825	34.4%	12
13 Maintenance of general plant	479,155	735,293	(256,099)	-34.8%	3,783,918	7,352,934	(3,569,016)	-48.5%	13
14 Depreciation	1,967,750	1,795,833	171,917	9.6%	19,677,500	17,958,333	1,719,167	9.6%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	-	-	-	0.0%	-	-	-	0.0%	16
17 Provision for claims	54,659	98,639	(43,980)	-44.6%	503,476	986,388	(482,912)	-49.0%	17
18 Total operating expenses	7,089,705	6,399,248	690,457	10.8%	69,502,805	63,992,475	5,510,330	8.6%	18
19 Operating income (loss)	(7,086,879)	(6,399,248)	(687,631)	10.7%	(69,422,600)	(63,992,475)	(5,430,125)	8.5%	19

<b>Non-operating revenues (expense):</b>									
20 Two-mill tax	269	-	269	0.0%	353	-	353	0.0%	20
21 Three-mill tax	-	-	-	0.0%	15,051,631	12,358,280	2,693,351	21.8%	21
22 Six-mill tax	151,294	-	151,294	0.0%	15,753,701	13,051,009	2,702,692	20.7%	22
23 Nine-mill tax	226,743	-	226,743	0.0%	23,614,076	19,562,658	4,051,418	20.7%	23
24 Interest income	-	30,500	(30,500)	-100.0%	43,998	305,000	(261,002)	-85.6%	24
25 Other Income	-	81,583	(81,583)	-100.0%	-	815,833	(815,833)	-100.0%	25
26 Interest expense	-	(10,858)	10,858	-100.0%	-	(108,583)	108,583	-100.0%	26
27 Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%	27
28 Total non-operating revenues	378,305	101,225	277,080	273.7%	54,463,760	45,984,198	8,479,563	18.4%	28
29 Income before capital contributions	(6,708,574)	(6,298,022)	(410,551)	6.5%	(14,958,839)	(18,008,277)	3,049,438	-16.9%	29
30 Capital contributions	32,555	-	32,555	0.0%	2,955,538	-	2,955,538	0.0%	30
31 Change in net position	(6,676,019)	(6,298,022)	(377,996)	6.0%	(12,003,302)	(18,008,277)	6,004,976	-33.3%	31
32 Net position, beginning of year	-	-	-	-	1,148,664,091	1,099,210,875	49,453,216	4.5%	32
33 Net position, end of year	-	-	-	-	1,136,660,789	1,081,202,598	55,458,192	5.1%	33

# Sewerage and Water Board of New Orleans

## Total System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End October 2018

**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:**  
No

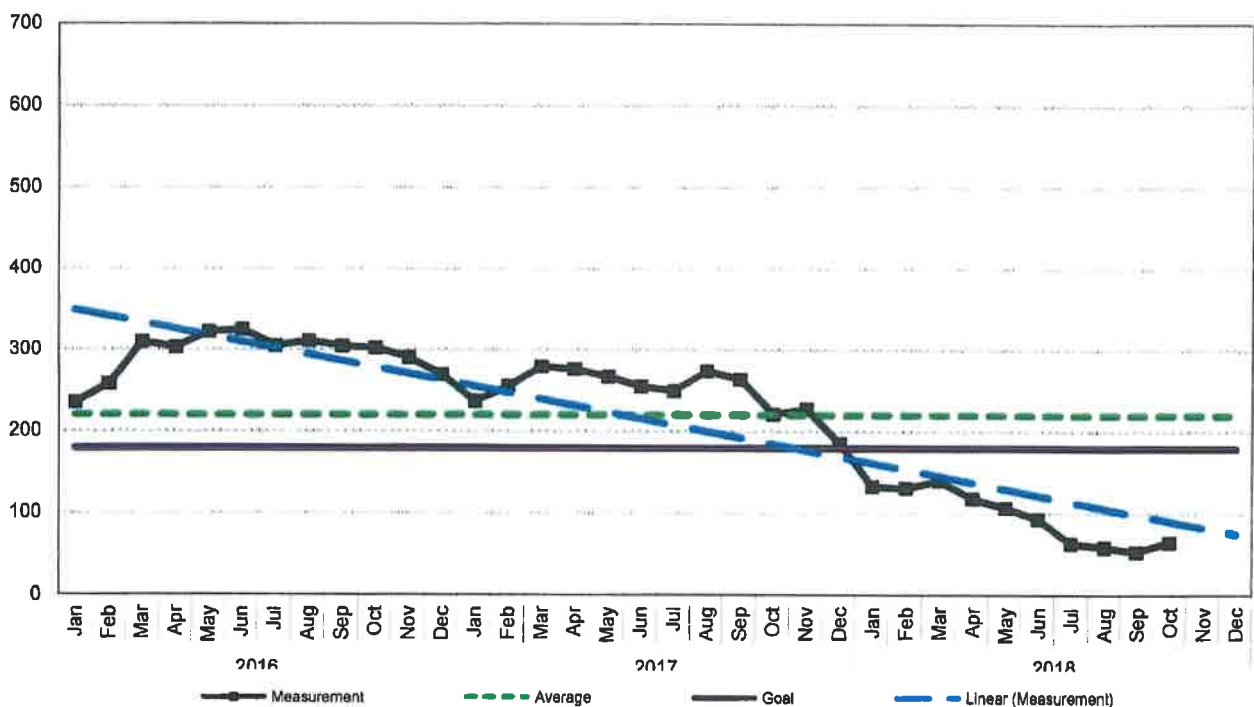
**Trend:** Unfavorable

### 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
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	227.2	185.1
2018	132.6	130.6	139.6	118.1	106.3	92.9	62.9	58.3	52.9	64.7		

# Sewerage and Water Board of New Orleans

## Water System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End October 2018

**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

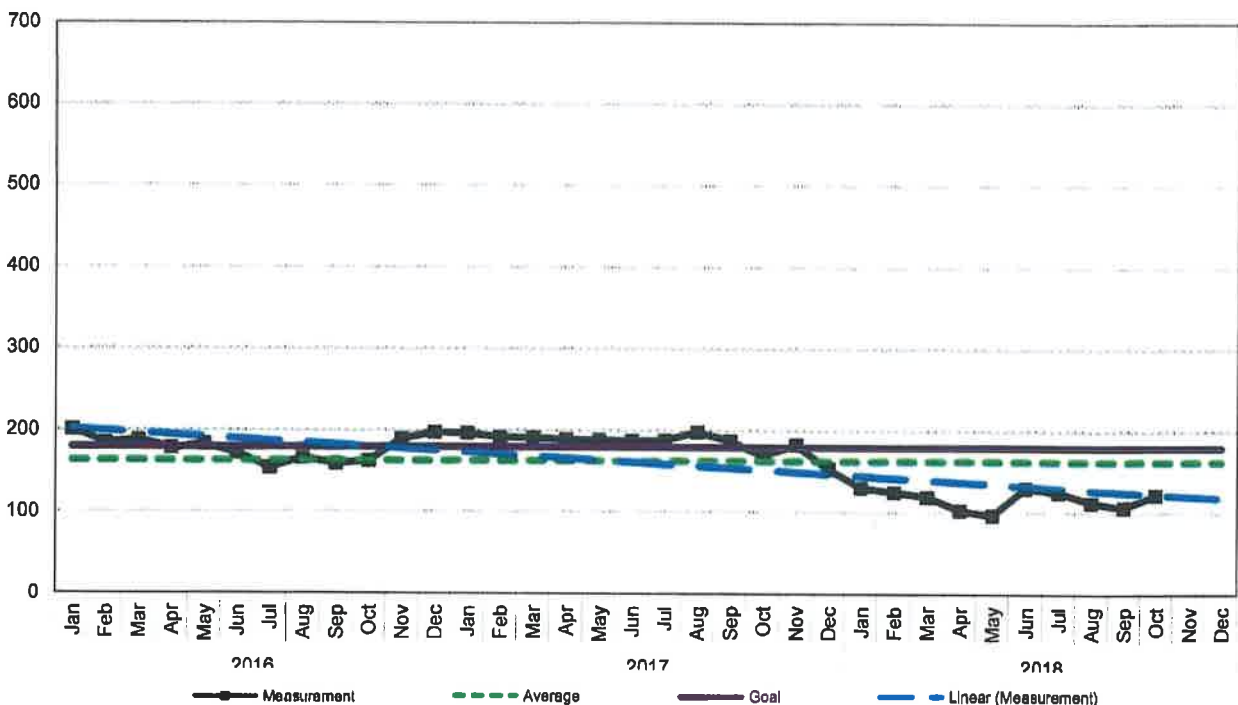
**Trend:** Favorable

### 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
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	182.7	153.0
2018	130.1	124.7	119.0	102.4	96.4	130.0	124.7	112.2	106.0	121.7		

# Sewerage and Water Board of New Orleans

## Sewer System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End October 2018

**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:**  
No

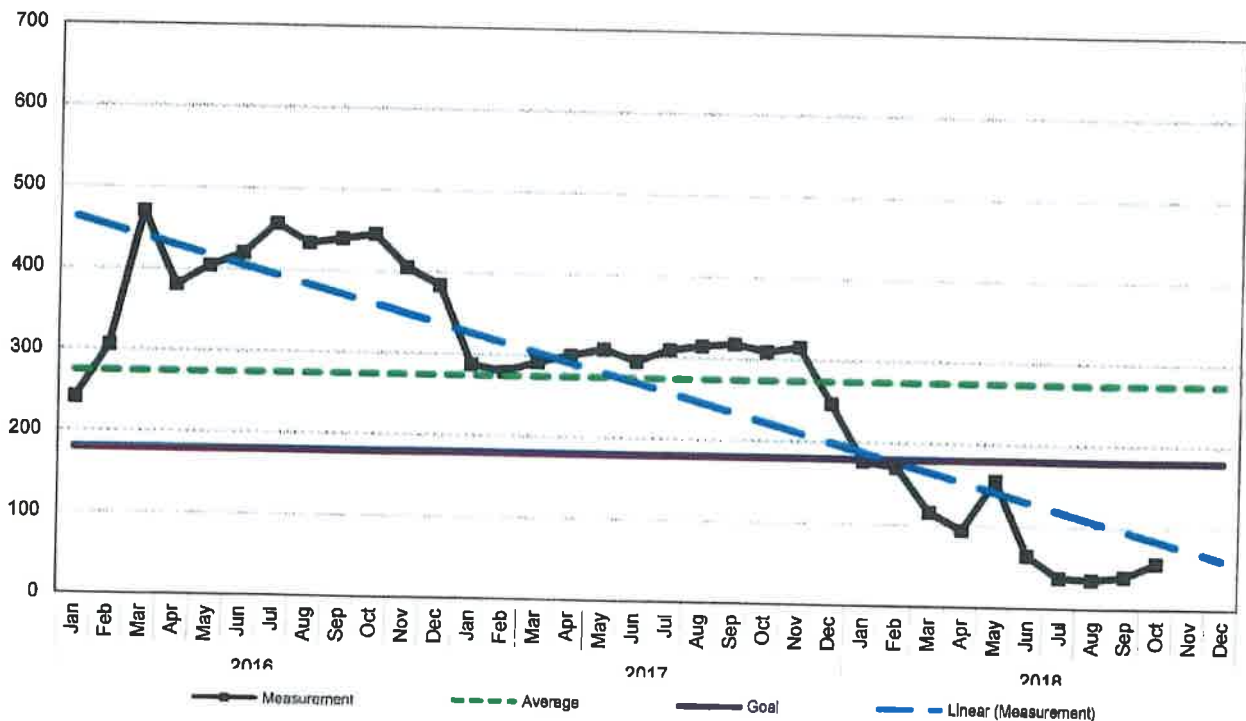
**Trend:** Unfavorable

### 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
<b>2016</b>	241.4	305.3	469.9	380.4	403.7	419.5	456.4	433.1	438.7	444.9	405.1	383.9
<b>2017</b>	287.5	279.1	291.3	300.4	308.7	294.4	309.3	314.6	317.9	309.3	315.3	246.7
<b>2018</b>	176.8	169.9	115.7	94.3	155.4	64.4	37.7	35.9	39.6	56.1		

# Sewerage and Water Board of New Orleans

## Drainage System Unrestricted Cash and Cash Equivalents in Days of O&M Expenses at Month End October 2018

**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:** No

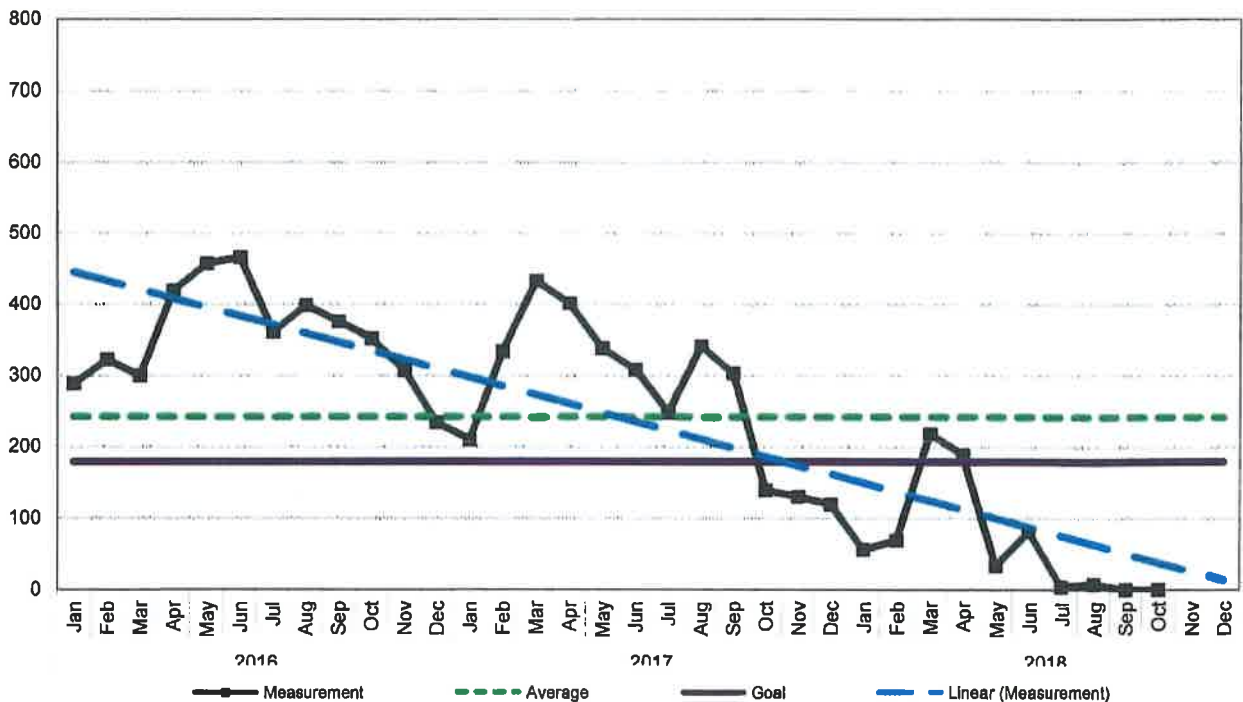
**Trend:** Unfavorable

### 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
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	130.2	119.1
2018	56.1	69.0	218.1	188.2	33.6	81.6	3.8	7.5	0	0		



**Sewerage and Water Board of New Orleans**  
**Comparative Variance Indicators for Financial Results**  
**Through October 2018**

<b>Statement of Revenues, Expenses, and Changes in Net Position with Prior Year Comparisons</b>	<b>Total</b>	<b>Water</b>	<b>Sewer</b>	<b>Drainage</b>
Revenues				
Operating Expenses				
Non-Operating Revenues and Expenses				
Income before Capital Contributions				
<b>Statement of Revenues, Expenses, and Changes in Net Position with Budget Comparisons</b>	<b>Total</b>	<b>Water</b>	<b>Sewer</b>	<b>Drainage</b>
Revenues				
Operating Expenses				
Non-Operating Revenues and Expenses				
Income before Capital Contributions				
<b>Statement of Net Position with Prior Year Comparisons</b>	<b>Total</b>	<b>Water</b>	<b>Sewer</b>	<b>Drainage</b>
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				
<b>Statement of Cash Flows with Prior Year Comparisons</b>	<b>Total</b>	<b>Water</b>	<b>Sewer</b>	<b>Drainage</b>
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



## November 2018 Closeout Snapshot

[illegible]



## SEWERAGE AND WATER BOARD

### Inter-Office Memorandum

**Date:** November 30, 2018

**To:** Ghassan Korban, Executive Director

**Thru:** Irma Plummer, EDBP Director

**From:** Veronica Christmas, EDBP Compliance Officer

**Re:** EDBP Contract Summary - November 2018

**Analyses conducted by EDBP**

For the month of November 2018, the EDBP Department received two (2) Goods and Services contracts to review.

❖ **Furnishing Chemical Control of Foliage at Specified SWBNO Locations within the City of New Orleans – REQ NO. GM18-0003**

On Thursday, November 29, 2018, three (3) bids were received for subject contract. The bids totals are as follows:

Deangelo Brothers, LLC	\$198,997.00
Chem Spray South, Inc.	\$239,950.27
Progressive Solutions, LLC	\$249,684.09

Ten percent (10%) SLDBE participation was requested on this contract.

**Deangelo Brothers, LLC**, the lowest bidder, submitted TSG New Orleans, LLC DBA TSG Management Services (Eligible – Certified SLDBE) to provide project and administrative management. Signed correspondence from the DBE on their own letterhead reaffirming negotiated terms was provided.

*Total Participation: \$67,700.00 – 34.02%*

**Chem Spray South, Inc.**, the third lowest bidder, submitted Ricard's, Inc. (Eligible – Certified SLDBE) to supply herbicides and Impco, Inc. (Eligible – Certified SLDBE) to supply herbicides. Signed correspondence from both DBEs on their own letterhead reaffirming negotiated terms was provided. The prime did not provide a signature on the participation summary.

*Total Participation: \$24,000.00 – 10.00%*

**Progressive Solutions, LLC**, the second lowest bidder, submitted Holi Services, Inc. (Eligible – Certified SLDBE) to provide labor and Impco, Inc. (Eligible – Certified SLDBE) to provide chemicals. Impco, Inc., provided signed correspondence on their own letterhead reaffirming negotiated terms, their participation represents 25% of the established 10% goal which satisfies EDBP requirements. Holi Services, Inc., provided unsigned correspondence on their own

letterhead reaffirming negotiated terms, their participation represents 5% of the established 10% goal but is of no consequence because the goal commitment has been satisfied.

*Total Participation: \$62,421.02 – 25.00%*

Based upon analysis of SLDBE participation, the Economically Disadvantaged Business Program recommends that the SLDBE participation submitted by **Deangelo Brothers, LLC** and **Progressive Solutions, LLC**, be considered as responsive to meeting EDBP bid requirements and the SLDBE participation submitted by **Chem Spray South Inc.** be considered as nonresponsive.

❖ **Furnishing Limestone – REQ NO. YW19-0001**

On Thursday, November 29, 2018, no bids were received for subject contract.

### **CONSTRUCTION REVIEW COMMITTEE RECOMMENDATIONS**

The Construction Review Committee convened Thursday, November 8, 2018, and made the following recommendations:

#### **OPEN MARKET CONTRACT**

1. **Contract #1408 - Repairing Leaks by Flowable Fill Injection in the L4 Basin at the Main Water Treatment Plant**  
Budget Amount: \$200,000.00  
Recommended Percentage Goal: 0%  
Renewal Option(s): None

### **STAFF CONTRACT REVIEW COMMITTEE RECOMMENDATIONS**

The Staff Contract Review Committee convened Thursday, November 8, 2018 and made the following recommendations:

#### **OPEN MARKET CONTRACTS**

- 1) **Furnishing Janitorial and Related Services of Sewerage & Water Board of New Orleans**  
Budget Amount: \$450,000.00  
Recommended Percentage Goal: 30%  
Renewal Option(s): Two (2) - one (1) year renewal options
- 2) **Furnishing Junk Bid for Two Modular Trailers at Central Yard**  
Budget Amount: N/A  
Recommended Percentage Goal: 0%  
Justification: Trailers will be sold to the highest bidder and monies will be dispersed to the various department(s) budgets.  
Renewal Option: None

#### **RENEWAL CONTRACT**

- 3) **Independent Financial Auditing Services**  
Budget Amount: \$150,000.00  
Renewal Option: First renewal of Four (4) one (1) year renewal options  
Renewal Cost: \$120,000.00  
Total Paid: \$130,000.00  
Percentage Goal: 35%  
Percentage Goal Achieved: 45%  
Prime Contractor: Postlethwaite & Netterville

**FINAL ACCEPTANCE CONTRACT(S) with DBE PARTICIPATION**

For the month of November 2018, there was one (1) Final Acceptance contract with SLDBE participation to report.

❖ **Contract #5241 DPS #1 Anti-Siphon Project**

DBE Goal:	10.00%
DBE Participation Achieved:	40.72%
Prime Contractor:	M.R. Pittman Group, LLC
Closeout Date:	November 2018

This calculation is based upon the pending payment of \$241,638 to the DBE subcontractor in ratio to the total amount of the \$608,238 invoiced by the prime contractor to S&WB. 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 2018**

See report as follows:

**Sewerage & Water Board New Orleans Awarded Projects with SLDBE Participation January 2018 - November 2018**

<b>Category</b>	<b>Category Dollar Amount</b>	<b>SLDBE Dollar Value</b>
<b>Construction Projects</b>	<b>\$ 38,748,228</b>	<b>\$ 12,925,835</b>
<b>Goods &amp; Services Projects</b>	<b>\$ 3,202,678</b>	<b>\$ 475,365</b>
<b>Professional Services Projects</b>	<b>\$ 1,661,089</b>	<b>\$ 194,374</b>
<b>Grand Total</b>	<b>\$ 43,611,995</b>	<b>\$ 13,595,574</b>

Construction Projects Awarded 2018

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2018 - November 2018

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid Notice to Proceed has not been delivered	% DBE Sub Paid	Award date
#2129 - Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish	35%	\$870,883.00	Grady Crawford Construction Co., Inc.	Pumell Construction Co., LLC; to provide labor, material, and equipment	36.18%	\$316,000.00			2/21/2018
#1155 - Carrollton Water Plant Engineering Building Renovations	35%	\$443,000.00	Mellin Construction Co., Inc.	Thornville Services, Inc.; to perform demolition; electrical, drywall, framing, and painting	42.89%	\$180,000.00	No payment recorded to prime or sub to date		2/21/2018
#30106 - Rehabilitation of Bio-Reactor Train #4 at the East Bank Wastewater Treatment Plant	19%	\$1,987,000.00	Chart Mechanical Construction, LLC	EFT Diversified, Inc.; to perform transportation and disposal of removed materials	20.66%	\$390,000.00	NTP has not been delivered		2/21/2018
#30110 - Electrical Improvements Phase II Replacement of Motor	13%	\$968,000.00	Walter J Barnes Electric Co., Inc	C. Watson Group, LLC; to supply electrical equipment	37.67%	\$356,000.00	NTP has not been delivered		3/28/2018
#5241 - DPS #1 Anti-Siphon Project	10%	\$529,000.00	M R Pittman Group, LLC	J Brown Construction, LLC; to supply butterfly valves and actuators	48.68%	\$241,638.00	NTP has not been delivered		3/28/2018
#30216 - Electrical Improvements Phase II Replacement of Motor Control Centers F&G and Associated 480v Switchgear at EBRWWTP	35%	\$998,300.00	Wallace C. Drennan, Inc.	Prince Dump Truck Services, LLC; to provide general hauling of various types of material, to-and-from job sites. Supply sand & aggregate materials, trucking and materials Choice Supply Solutions; to supply construction underground utilities, site preparation, concrete and asphalt paving Total	20.82% 6.96% 8.35% 36.12%	\$187,000.00 82,500.00 75,000.00 \$324,500.00	NTP has not been delivered		3/28/2018
#2130 - Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish	35%	\$3,887,040.00	Wallace C Drennan, Inc	C&M Construction Group, Inc.; to perform asphalt and concrete restoration Prince Dump Truck Services, LLC; to perform trucking and hauling services Choice Supply Solutions; to provide hydrants and all associated products Total	25.98% 5.16% 5.15% 36.29%	\$1,010,000.00 200,712.00 200,000.00 \$1,410,712.00	NTP has not been delivered		5/16/2018
#2131 - Installation of New Water, Sewer, and Drain Service Connections at Various Sites throughout Orleans Parish	35%	\$2,962,550.00	Fleming Construction Co., LLC	Cooper Contracting Group, LLC; to perform installation of service connections and asphalt and concrete pavement restoration F.P. Richard Construction, LLC; to perform asphalt and concrete pavement restoration Hebert's Trucking and Equipment Service; to perform trucking Total	30.38% 4.39% 1.69% 36.46%	\$900,000.00 130,000.00 50,000.00 \$1,080,000.00	NTP has not been delivered		5/16/2018

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
#30109 - Sewer Pumping Station A Structural Rehabilitation	35%	\$1,669,994.00	Cycle Construction Co., LLC	K-Belle Consultants, LLC; to perform structural and fltework construction	32.09%	\$535,967.00	NTP has not been delivered	5/16/2018	
				RHL Investments, LLC; to perform architectural painting	2.76%	46,489.00			
				NOLA Steele Fabrication & Erection, LLC; to install structural steel	1.47%	24,579.00			
				Traffic Solutions, Inc.; to provide temporary signs and barricades	0.26%	4,307.50			
				A&A Enterprises, Inc.; to perform sawcutting & wall sawing	0.26%	4,377.00			
Urban Systems, Inc; to provide traffic control plan	0.21%	3,500.00							
Total					37.08%	\$619,219.50			
#30211 - Acoustic Pipe Assessment, Cleaning, CCTV Inspection, and Application of Grease Inhibiting Chemical of Sanitary Sewer and/or Storm Drainage Mains at Scattered Sites within Orleans Parish	35%	\$1,291,750.00	Compliance EnviroSystems, LLC	Blue Flash Sewer Services, Inc; to perform pipe cleaning and CCTV inspection	40.00%	\$616,700.00	NTP has not been delivered	3/29/2018	
#30217 - Cleaning and CCTV Inspection of Sanitary Sewer Mains at Scattered Sites within Orleans Parish	35%	\$715,350.00	Compliance EnviroSystems, LLC	Blue Flash Sewer Services, Inc; to perform pipe cleaning and CCTV inspection	40.00%	\$286,140.00	NTP has not been delivered	3/29/2018	
#30102 - DPS #17/Station D Structural Repairs	26%	\$8,786,710.00	The McDonnell Group, LLC	Small Construction Group; to supply masonry material, perform masonry point and crack repair. Installation all scaffold	22.54%	\$1,976,000.00	NTP has not been delivered	5/16/2018	
				NOLA Steele Fabrication & Erection, LLC; to supply, fabricate, and install structural steel components	4.71%	413,165.87			
Total					27.25%	\$2,389,165.87			
#30218 - Restoration of Gravity Flow Sanitary Sewers by Point Repair of Sewer Mains at Various Sites throughout the City of New Orleans	35%	\$3,899,888.00	Command Construction Industries, LLC	C&M Construction Group, Inc.; to perform roadway restoration	25.48%	\$993,800.00	NTP has not been delivered	5/16/2018	
				Cooper Contracting Group; to perform sewer rehabilitation	10.52%	410,160.00			
Total					36.00%	\$1,403,960.00			
#1406 - Structural and Filter Rehab in the Area of Sycamore Filter Gallery; Filters #13, #15, #18, and #17	20%	\$2,402,950.00	Industrial & Mechanical Contractors, Inc	Gridline Services, LLC; to remove and install filter media	23.46%	\$663,840.00	NTP has not been delivered	7/21/2018	
#3799 - Biosolid Incinerator System Improvements Sludge Drying System Equipment Installation at the East Bank Wastewater Treatment Plant	35%	\$3,667,900.00	Industrial & Mechanical Contractors, Inc	Ashley Savorino Unlimited Construction, LLC; demolition, relocation of tank, steel fabrication, equipment storage and setting	38.17%	\$1,400,000.00	NTP has not been delivered	7/21/2018	
				C&M Construction Group, Inc; to perform Municipal & Public Work construction	25.79%	\$1,000,003.00			
#30219 - Restoration of 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	35%	\$3,677,123.00	Wallace C Drennan, Inc	Dieudonne Enterprises; Municipal & Public Work construction	3.87%	\$150,000.00	NTP has not been delivered	5/16/2018	
				Choice Supply Solutions; material supplies	0.77%	\$30,000.00			
				Prince Dump Truck Services, LLC; trucking and hauling services	6.45%	250,000.00			
				Total	36.85%	\$1,430,000.00			
Total Construction Projects		\$38,748,228.00			33%	\$12,925,835.37			



**Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2018 - November 2018**

**Goods & Services Projects Awarded 2018**

<b>Contract No./Description</b>	<b>%DBE Goal</b>	<b>Contract \$</b>	<b>Prime</b>	<b>Sub(s)</b>	<b>% DBE Part (Prime)</b>	<b>\$ Sub Award</b>	<b>\$ Sub Paid</b>	<b>% DBE Sub Paid</b>	<b>Award date</b>
#YW18-0001 - Furnishing Hand Tools, Hardware Supplies, Paint & Paint Supplies	30%	\$314,142.90	Assorted Products, LLC	Westbank Paper & Janitorial Supply, Inc.; to provide supplies	30.08%	\$94,500.00	No invoice activity to date		3/28/2018
#PM18-0014 - Furnishing Hoses and Accessories	5%	\$136,586.55	Atlas Hose & Gasket Co., LLC	Next Generation Logistics; to perform logistical and delivery services	5.01%	\$6,841.00	No invoice activity to date		5/16/2018
#PM18-0064 - Furnishing of Solid Waste Disposal Services	20%	\$61,675.64	Richard's Disposal, Inc.	MDL Enterprises, Inc.; to perform roll-off hauling	20.11%	\$12,400.00	NTP has not been delivered		6/14/2018
#PDU18-0018 - Purchase, Delivery and Installation of Office Furniture for the JIR Office Renovation	10%	\$96,817.00	Contract Furniture Group, LLC	Bart's Office, Inc.; to receive, deliver, and install furniture	10.18%	\$9,853.17	NTP has not been delivered		6/14/2018
Furnishing Grass Cutting and Debris Pickup of SWBNO West Bank Canal	20%	\$309,255.66	Ramelli Janitorial Service, Inc.	The Hardie Company, LLC	20.00%	\$61,851.13	NTP has not been delivered		7/1/2018
Furnishing 4" and 5" Fire Hydrants with McGard Anti Tampering Device	10%	\$1,999,200.00	Cimsco	EFT Diversified, Inc.	10.00%	\$199,920.00	NTP has not been delivered		7/1/2018
Furnishing River Sand and Mason Sand	30%	\$285,000.00	Hamp's Enterprises, LLC	Boines Construction & Equipment Company, Inc.	31.58%	\$90,000.00	NTP has not been delivered		7/1/2018
<b>Total Goods &amp; Services Projects</b>		<b>\$3,202,677.75</b>			<b>15%</b>	<b>\$475,365.30</b>			

# Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2018 - November 2018

## Professional Services Projects Awarded 2018

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
EV180001 - Municipal Separate Storm Water (MS4) Permit Renewal, MS4 Annual Report, and Spill Prevention, Control, Countermeasure (SPCC) Plan	5%	\$120,854.00	Digital Engineering	The Beta Group	5.00%	\$6,270.00	Notice to Proceed has not been delivered		3/28/2018
EV180002 - Environmental Consulting Services for Limited Phase II Subsurface Investigation of Existing Diesel Above Ground Storage Tank	5%	\$26,046.00	APTIM Environmental & Infrastructure, Inc.	Gulf South Engineering and Testing, Inc.	6%	\$1,560.00	Notice to Proceed has not been delivered		3/28/2018
HMGF Contract 1368 For Oak Street Pumping Station Rehabilitation Testing Services	35%	\$230,925.00	Fugro USA Land, Inc.	Gulf South Testing & Inspection	35%	\$80,823.75			4/16/2018
DPS #4 Canopy and Bridge Crane	35%	\$308,264.00	All South Consulting Engineers, LLC	Infinity Engineering Consultants, LLC	12.40%	\$38,120.00			5/3/2018
				The Beta Group Engineering and Construction Services, LLC	22%	\$67,600.00			
				<b>Total</b>	<b>34.40%</b>				
Contract 170065 - Leak Detection and Fire Flow Testing Services at Various Sites throughout Orleans Parish	15%	\$975,000.00	Echologics, LLC	Fulcrum Enterprises	15%	\$146,250.00			6/20/2018
<b>Total Professional Services Projects</b>		<b>\$1,661,089.00</b>			<b>12%</b>	<b>\$194,373.75</b>			



# SEWERAGE AND WATER BOARD

## Inter-Office Memorandum

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**Date: December 3, 2018**

**From:** Conestler Green, Buyer III of Procurement

**From:** Candace Newell

Sewerage and Water Board New Orleans- Board Relations

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

**1. Crescent City Industrial Services**

424 Jefferson Hwy, Jefferson, LA 70121

- Furnishing #1 All Purpose Rag Wipers
- Start Date: 01/1/19 thru 12/30/19 with (1) one year renewal option
- \$39,000.00 annually

**2. Deangelo Brothers**

6707 Monroe Hwy, Ball, LA 71405

- Furnishing Chemical Control of Foliage at Specified SWB Locations
- Start Date: 01/1/19 thru 12/30/19 with (2) one year renewal option
- \$198,997.00 annually

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