

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

WEDNESDAY, MARCH 20, 2019
9:00 AM

6 2 5 S T . J O S E P H S T R E E T
2 ^{N D} F L O O R B O A R D R O O M

LaToya Cantrell, President • Tamika Duplessis, President Pro Tem • Jay H. Banks, Councilmember
• Joseph Peychaud • Robin Barnes • Ralph Johnson • Alejandra Guzman • Lewis Stirling
• Andrew Amacker • Nicole Barnes • Lynes Sloss

FINAL AGENDA

ROLL CALL

1. **APPROVAL OF MINUTES dated February 20, 2019**
2. **EXECUTIVE DIRECTOR'S REPORT**
3. **COMMITTEE REPORTS**
 - a. Audit Committee Report
 - b. Finance and Administration Report
 - c. Pension Committee Report
4. **ACTION ITEMS**
 - d. Resolution (R-056-2019) Cooperate Endeavor Agreement between Sewerage and Water Board of New Orleans and the Greater New Orleans Foundation
5. **CORRESPONDING RESOLUTIONS**
 - e. Resolution (R-002-2019) Ratification of Change Order No. 1 and Final Acceptance for CO-17-0010 - Emergency Repairs for Turbine 3 Phase I
 - f. Resolution (R-029-2019) Reconciliation and Final Acceptance for Contract 30203 – Restoration of Gravity Flow Sewer Mains by Point Repair at Various Sites Throughout Orleans Parish
 - g. Resolution (R-031-2019) Reconciliation and Final Acceptance for Contract 2126 – Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites Throughout Orleans Parish
 - h. Resolution (R-032-2019) Reconciliation and Final Acceptance for Contract 2136 – Emergency Repair Contractor for Winter Freeze (INGA) – Water Main Point Main Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish
 - i. Resolution (R-035-2019) Reconciliation and Final Acceptance for Contract 2135 – Emergency Repair Contractor for Winter Freeze (INGA) – Water Main Point Main Repair,

Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites throughout Orleans Parish

- j. Resolution (R-039-2019) Ratification of Change Order No. 1 and Final Acceptance for Contract CO-17-0019 – Emergency Repairs for Turbine 3 Phase II
 - k. Resolution (R-040-2019) Final Acceptance for Contract ME 17-0020 – Emergency Temporary Generators at Eight (8) Drainage Underpass Stations
 - l. Resolution (R-041-2019) Final Acceptance for Contract EE 17-0023 – Accelerate Scope Associated with Power Emergency Event for Contract 6259
 - m. Resolution (R-044-2019) Final Acceptance for Contract EE 17-0015 –EMD SCADA Project
 - n. Resolution (R-045-2019) Final Acceptance for Contract EE 17-0007 – Emergency Generator Rentals at Station “D”
 - o. Resolution (R-046-2019) Final Acceptance for Contract EE-17-0011-Furnishing 6.6 KV. 3000A Switchgear Equipment for STG No. 4
 - p. Resolution (R-021-2019) Amendment No.5 to the Agreement Between the Sewerage and Water Board of New Orleans and G.E.C., Inc. for Hurricane Katrina Related Drainage Restoration – Broad Underpass Pump Station Design
 - q. Resolution (R-023-2019) Ratification of Change Order No. 2 for Contract 30014 – Cleaning and CCTV Inspection of Sanitary Sewer Mains as Scattered Sites Within Orleans Parish
 - r. Resolution (R-038-2019) Contract Amendment No. 8 Stanley Consultants, Inc. Water Hammer Hazard Mitigation Project
 - s. Resolution (R-042-2019) GEE CEE, Construction, Co. LLC
 - t. Resolution (R-043-2019) Amendment No. 7 to the Agreement between the Sewerage and Water Board of New Orleans and Jacobs
 - u. Resolution (R-054-2019) Amendment No. 3 to Professional Services Agreement with Richard CPAS
6. **PRESENTATION ITEM**
- v. Green Infrastructure in New Orleans
7. **EXECUTIVE SESSION**
8. **PUBLIC COMMENT**
9. **INFORMATION ITEMS**
- w. Preliminary Financial Results through January 31, 2019
 - x. Report of the General Superintendent
 - y. Report of the Special Counsel
 - z. FEMA December Project Worksheet Status
 - aa. DBE Participation on Contracts
 - Bid Recommendations
 - Construction Review Committee
 - Staff Contract Review Committee
 - Final Acceptance of Construction Contracts with DBE Participation
 - First and Final Acceptance Contracts with DBE Participation
10. **ADJOURNMENT**

BOARD OF DIRECTORS' MEETING

February 20, 2019

MEETING MINUTES

SEWERAGE AND WATER BOARD OF NEW ORLEANS

ROLL CALL

The Board of Directors of the Sewerage and Water Board (SWBNO) met on Wednesday, February 20, 2019 at 9:00 AM in the Board Room at 625 St. Joseph Street. Special Counsel, Ms. Yolanda Grinstead, called the roll and confirmed the following members were present: Director Andrew Amacker, Director Joseph Peychaud, Director Lewis Stirling, III, Director Lynes Sloss, Director Dr. Tamika Duplessis, Director Nicole Barnes, Director Ralph Johnson, Director Alejandra Guzman, Director Robin Barnes, Councilmember Jay H. Banks, and Hon. LaToya Cantrell.

The following member(s) were absent: None

Also present were: Ms. Geneva Coleman, The Hawthorne Agency, Inc.; Ms. Brenda Thorton, Communirep; Mr. Lloyd Lazard; Mr. Ramsey Green, Chief Administrative Officer, Infrastructure; Mr. Randy Smith, Royal Engineering; Mr. Amer Tufail, GreenPoint Engineering; Ms. Fannie Marcotte, BHA; Mr. Happy Johnson, Public Advocate; Mr. Richard Briscoe, Gulf South Engineering; Ms. Bambi Hall, GEC; Ms. Vanessa Claiborne, BCNO; Mr. Dale Pennington, Ms. Nicole Griffin, Utiliworks; Rev. Barnwell, Justice and Beyond.

Staff present were: Mr. Ghassan Korban, Executive Director; Ms. Yvette Downs, CFO; Mr. Robert Turner, General Superintendent; Mr. Bruce Adams, Deputy General Superintendent; Mr. Richard Rainey, Deputy Director, Communications; Ms. Yolanda Grinstead, Special Counsel; Ms. Mary Beth Arceneaux, Mr. Edward Morris, Legal Department; Mr. Dexter Joseph, Budget Department; Mr. Robert Jackson, Customer Service; Ms. Conestler Green, Purchasing; Ms. Irma Plummer, EDBP; Paula Arceneaux, EIC; Ms. Jacqueline Shine, SWBNO; Ms. Grace Birch, Mr. Curtis Elmore, Communications; Mr. Jason Higginbotham, Emergency Management, SWBNO; Mr. Ron Spooner, Chief of Engineering; Mr. David Callahan, Special Projects; Mr. Andrew Dugue, CWP; Ms. Hazel Bell, Finance Department; Ms. Candace Newell, Ms. Jacqueline Winston, Board Relations.

Prior to calling for the approval of the minutes, Mayor LaToya Cantrell thanked and acknowledged the Board for their leadership and the hardworking men and women of the Sewerage and Water Board of New Orleans (SWBNO) under the leadership of Executive Director, Mr. Ghassan Korban. A pipe burst over a week ago at the intersection of Loyola Avenue and Poydras Street. The Mayor stated that due to their quick response and working through the night, SWBNO employees were able to prevent customers from being totally without water. The area being affected was Poydras Street from Loyola Avenue to the river. Despite our setbacks, we continue to push forward, and we are seeing the results of our efforts.

APPROVAL OF PREVIOUS MINUTES

Director Lynes Sloss moved for approval of the Minutes of January 16, 2019. Councilmember Jay H. Banks seconded. The motion carried.

HONORS AND AWARDS

General Superintendent Robert Turner made the presentation.

- Mr. Andrew Dugue, Engineer Intern II in Networks Engineering, was recognized as Employee of the Month. Mr. Dugue was recommended by Mr. Mark Johnson because of Mr. Dugue's dedicated work and willingness to learn more technology for advancement within SWBNO as well as his willingness to train others.

REPORT OF THE EXECUTIVE DIRECTOR

Executive Director Ghassan Korban thanked Mayor Cantrell and the Directors for allowing SWBNO to recognize and acknowledge the men and women in our organization who continue to make a difference in how we do things every day. Mr. Korban emphasized that while we do want to celebrate those individuals who are making a difference, we are continually holding everyone accountable who work for the utility and are raising the bar. The Executive Director stated that we are seeing a shift in the culture. People are responding in a very positive manner. Mr. Korban stated that we continue to see the few here and there who do not, and those are the ones that we are going to weed out at some point. That is how we are going to become a model utility. Mr. Korban thanked Mayor Cantrell for setting the tone for SWBNO. Mr. Korban recognized Mr. Bruce Adams who accepted the very tough assignment of being the Interim General Superintendent many months ago. Mr. Adams did an awesome job leading the operations and getting us to a stable situation.

Drainage Pumping Status

114 of 120 drainage pumps are available during rain events. Repairs underway on the following pumps:

Station	Neighborhood	Total Pumps	Designed Total Capacity (cfs)	Pumps Out	Station Operational Capacity	Estimated Repair Completion
1	Broadmoor	11	6,825	1	99%	3/15/2019
6	17 th Street Canal	15	9,580	2	98%	5/31/2019
4	Gentilly	6	3,720	1	73%	3/29/2019
15	N.O. East	3	750	1	67%	3/15/2019
20	N.O. East	2	500	1	50%	4/19/2019

Mr. Korban stated that what is relevant in the chart is the due date when the pumps will be back online and operational in time for hurricane season. Mr. Korban added that this is a combination of work being done in house with our skilled staff, with a few exceptions where we are relying on contractors. There were issues with some payments and people threatening to walk off a job. That situation has gone away with some recent cash flow that we have had, making people whole. Those dates are beginning to be firm and attainable, and Mr. Korban was very pleased to make that report.

SWBNO SELF-GENERATED POWER

Unit	FREQUENCY	MEGAWATTS	STATUS	EST. RETURN
Turbine 1	25 Hz	~6 MW*	Available	
Turbine 3	25 Hz	~7 MW*	Available	
Turbine 4	25 Hz	20 MW	Available	
Turbine 5	25 Hz	20 MW	Available	
Turbine 6	60 Hz	15 MW**	Available	
Carrollton Freq. Changer (1&2)	Converts 60 to 25 Hz	8.5 MW	Available	
Station D Freq. Changer (3&4)	Converts 60 to 25 Hz	12 MW	Available	
Five EMDs	25 Hz	12.5 MW	Available	
TOTAL	25 Hz	86 MW	86 MW	
TOTAL	60 Hz	15 MW	15 MW	

*Actual capacity, not nameplate, due to age of machinery

*T6 can produce 3.75 MW of 25 Hz power through a frequency changer.

In terms of power, Mr. Korban stated that all available power is available. While we do not use it all the time, it is ready to serve us when needed. Mr. Korban stated that this is a very good place to be.

Pump A, a fresh water pump, is still down. Pump A is quite significant because it is one of the larger pumps and it has a variable speed, which means it can adjust to allow any variability in the other pumps' performances. Therefore, if one pump goes down or loses some pumping capacity, Pumps A and B can adjust and stabilize the pressure. It is crucial that Pump A gets back online.

Mr. Korban stated that the leadership team had studied several options and had found a way to gut out the steam portion and found a used electric pump to replace that at a significantly lower cost that will allow them to bring it online. The significance has to do with the timing approaching the warmer season. The team is going to exercise the extreme emergency status and use that process to solicit three bids from three different vendors. The emergency status allows them to make that replacement in a timely fashion to get it back online. Speeding up the process is relevant because of the pump's ability to circulate the water in the clear well where it serves as a cooling mechanism. If that water does not circulate fast enough, it warms up and loses its ability to cool the turbines. If that happens, the turbines will trip. The leadership team is being transparent, letting the Board know what is being done under an emergency.

General Superintendent Robert Turner stated that this work would be done in two phases. First, the immediate need is to get Pump A back in operation in the next 2-3 weeks. The plan is to purchase a used motor and install that motor without a variable frequency drive at first, just to get the pump in

operation. Then, the long-range plan is, as soon as funds are available, to begin the design and construction to convert Pumps A and B to electric using variable frequency drives as well, which would allow staff to automatically set those pumps and let them adjust to the pressure changes in the system. In the second phase, they are going to be using motors that are paired to the variable frequency drives. This motor will serve as a spare motor at one of the other locations in case we have an outage there. Mr. Korban stated there is built-in redundancy because only four pumps are used at any given time. The system itself has a considerable amount of redundancy in it. Mr. Turner stated multiple sources of power are being used to drive those pumps, so we do not rely on any single source at any one time. We reduce the risk profile by spreading around the possibility of failure.

Councilmember Banks asked how long the used motor would be in place before getting a new one. Mr. Turner stated a lot would depend on the availability of funds. However, they would continue with the design process internally and make plans to have something in place and maybe bid out in the fall this year after hurricane season. Mr. Korban stated the traditional approach of replacing the steam gearbox would have cost about \$500,000 to \$600,000. The approach taken is not only significantly cheaper, but it continues to set us on the path we want to be on, which is to work more electric power. Mr. Korban stated we are thinking power, electric and more efficiency as we move forward. Mr. Korban stated the cost for the temporary fix is being absorbed by the routine Operations and Maintenance cost and there is no specific budget, because it is very hard to predict what is going to break. It is more shifting dollars based on what has the more immediate need.

Mr. Korban also talked about the **Cross-Connection Control Program**. The program is basically creating a data base across the city to identify any potential cross connection which exists, whether it is commercial, industrial or residential. The purpose is to protect our customers and users from any potential contamination. The idea is to look at all possible cross-connections which could siphon back into the system and cause contamination by being very robust in combing the city, identifying locations, and having a continuous inspection system as we move forward. This is a requirement of the Louisiana Department of Health (LDH) and we must submit a plan by June of 2019.

Mr. Korban stated this program requires mostly manpower. A consultant will do the initial effort of basically identifying all the existing cross-connections, then identifying the safeguards needed to protect the system. An annual inspection is required. Mr. Korban indicated SWBNO would probably increase staff to do complete the inspection. Mr. Korban also stated the process would be started from scratch to create a clear and accurate data base and does not anticipate rewriting any building codes, based on the findings.

Mr. Korban stated we would be hiring a firm to do the initial effort of creating the data base, finding where those cross-connections exists, what safeguards we need to create, to demand or require. Once this is established, we will be hiring staff to do the annual, rigorous inspection program. There is also an option to hire someone to do the inspections on our behalf. However, this important key step must take place before we make the second step. Mr. Korban provided we are hoping to have someone on board by June to begin the second step, but not with a full plan. Mr. Jay Arnold, Plumbing Supervisor, was asked to identify the time table.

Mr. Arnold stated the plan is to bring in a private contractor who could survey the city services to private customers – residential and commercial – and then determine what must be done. Mr. Arnold stated that we are looking aggressively to completely deal with all the connections within a year to a year and a half. Once that data base is developed, managing the program will be easier. Mr. Arnold

further stated that it will be a challenge to have boots on the ground to get to all the facilities and assets that we have, to ensure that we do not have cross-connections that are not properly protected. The staff that Mr. Arnold has in the Plumbing Department at this time cannot handle those inspections along with the growth of the city and all the inspections that they are already doing. Mr. Arnold felt that developing a program to better manage with less boots on the ground would expedite the task moving forward. Properties are surveyed year-round, making sure the protection value is still there for all our services so that nothing gets contaminated or minimizes the possibility of contamination.

Mr. Korban then discussed the **water main break** on February 13, 2019. Mr. Korban stated that there is a 20" feeder main that runs down Poydras Street serving all the hotels and businesses from Loyola Avenue to the river. There is a 6" branch from the feeder main that has a valve that is supposed to turn off that 6" valve if you need to isolate the 6" branch. However, the valve was not operable. The 6" main broke, which was located next to a drainage manhole. It probably had been leaking for several days without surfacing because of having a manhole to flow into. Mr. Korban stated that while the easiest thing to do was shut off the 6" main, fix it, then move on, the 6" valve was not working.

Mr. Korban indicated that the next step was to shut off the 20" main, but that was not feasible because it would have put so many hotels and businesses out of water, costing them so much money and inconvenience. Thus, they brought a vendor that cut in a new valve under life conditions, basically ensuring a new valve next to the old one, allowing the crew to shut off that 6" main so that the repair could be made. The manhole also had to be rebuilt. There was no interruption of water. Mr. Korban stated that this was heroic work done in the middle of the night. The Executive Director recognized the creativity and strategic thinking, making good decisions.

Mayor Cantrell asked Mr. Korban to tell the Board how much this repair cost SWBNO. Mr. Korban did not have an exact number but stated the incremental cost in cutting the valve versus shutting the valve was about \$35,000-\$40,000. However, if you equate that to the public relations nightmare that you would have faced, the mere cost of businesses having to adjust to not having water would have been significantly more. Also, SWBNO would have been given a black eye because of the public's view that the agency was not thoughtful about what water means to businesses. Mr. Korban would have the dollar amount of the cost of the repair at a later date.

The CAO of Infrastructure for the City, Mr. Ramsey Green, stated that this event happened around rush hour. A streetcar line was diverted, which cost a lot of money. It made a huge impact. To stop a streetcar line, the Regional Transit Authority (RTA) did a series of shuttles. The New Orleans Police Department diverted traffic. New Orleans Homeland Security notified the hospitality industry. The City did a localized alert to everybody who is NOLA Ready registered on Poydras Street. Everyone received a text message saying they would lose water for two hours. Thanks to the Networks team, the water was never shut off. Mr. Green stated that this was a coordinated effort. Mayor Cantrell wanted to make sure this information went on public record.

Mr. Korban stated that this happens every day throughout the city. Networks responds to the worst of the worst. All our resources are being consumed at locations such as this one. It is a matter of allocating resources where they are most needed. This main is 111 years old and very fragile. Mr. Korban added that when you fix a main, you repair the road and move on. This type of repair is costly because it requires a lot of attention and a lot of resources. The patch at the intersection of Poydras Street and Loyola Avenue is what our patches should look like two days after the work is completed.

COMMITTEE REPORTS

Pension Committee Report

Director Lynes Sloss moved to accept the report of the Pension Committee. Director Nicole Barnes seconded. The motion carried.

Finance and Administration Committee Report

Director Lewis Stirling moved to accept the report of the Finance and Administration Committee. Director Dr. Tamika Duplessis seconded. The motion carried.

ACTION ITEMS

Director Lynes Sloss moved to accept **Resolution (R-028-2019) Commendation to Andrew Dugue – Employee of the Month**. Director Alejandra Guzman seconded. The motion carried.

Mr. Ramsey Green explained the partnership between the Sewerage and Water Board of New Orleans (SWBNO) and the Department of Public Works (DPW). Mr. Green stated that the partnership is going very well. The crews have done about 400 gravel pits in the middle of the streets that were in the backlog. The City put about \$6.5 million in bond funds into the program. Mr. Green also stated that we have a third-party inspector making sure the pavement is a 5-year or higher permanent life-span. Mr. Green explained that the money was deployed to do those service cuts where we're not going to do a joint infrastructure project. The crews are hitting about 57% of the backlog because it was discovered that there was a lot of double counting in the first data dump. Some of the gravel pits had already been fixed over the years. The crews have been able to hit about 900 of the 1,300 pits, but the cost of repairing them is very expensive. Mr. Green stated that the city has been broken into four areas, and Area 1 will be finished in about two weeks. Mr. Korban stated that this is good government at work and he is thankful for DPW and Mr. Green's leadership, identifying this project as an important priority for us. Mr. Green also stated that we were two weeks ahead of schedule on Bourbon Street Phase 2 due to SWBNO doing its work ahead of DPW's work on the street and really listening to that neighborhood.

Director Amacker wanted to know what is being done to stabilize the other 43% of the backlog in the interim. Mr. Korban has asked Networks to identify these locations and relevel them for the time being. A crew will take down the hump and put it back in the spot making it more passable. Until they are paved, that is the only thing that can be done.

Director Amacker asked if the new system test could be rolled out to stabilize those patches. Mr. Korban explained that this test has been successful in low traffic volume. The material does not hold up as well in high traffic volume. Mr. Korban and Mr. Fred Tharp, Chief of Networks, have discussed either deepening the layer of the flowable fill that they are already using or maybe using a different material that has a little more strength. However, that means more cure time, meaning you have to stay off of it a couple of extra days. Mr. Korban stated that they are constantly looking for new materials and would keep the Board posted. Mr. Korban stated that this new system is where we are using flowable fill. It is self-setting. Flowable fill is sand or gravel that has a lot of moisture in it. It flows

into the hole and levels itself, so that when it hardens, it is basically compacted. It holds up nicely in lower volume traffic.

Director Johnson asked what is SWBNO's cost for participating in this paving program. Mr. Korban stated that the funds for the Cooperative Endeavor Agreement come from the City. So, SWBNO is not incurring any expense. Mayor Cantrell stated that the filling of the holes in the streets is really the responsibility of DPW, but SWBNO has agreed to own it from start to finish. The City has created the structure to where those dollars go directly to SWBNO and will not be an added burden on the utility, but the responsibility of the City.

Director Joseph Psychaud moved to accept **Resolution (R-036-2019) Cooperative Endeavor Agreement – Max Pave Pavement Restoration Program**. Director Robin Barnes seconded. The motion carried.

Director Lynes Sloss moved to approve **Resolution (R-037-2019) Louisiana Compliance Questionnaire**. Director Lewis Stirling seconded. The motion carried.

CORRESPONDING RESOLUTIONS

The following resolutions were approved at the February 6, 2019 Finance and Administration Committee Meeting:

R-006-2019 – Ratification of Change Order No. 4 and Final Acceptance for Contract 6254 – Hurricane Related Repairs to Electrical Equipment at Garage No. 2 and Main Power Building at Central Yard

R-014-2019 – Contract 8155 – Carrollton Water Plant Building Renovation

R-018-2019 – Ratification of Change Order No. 16 and Final Acceptance for Contract 6247 – Generator 4 Retrofit Power Distribution Network

R-020-2019 – Contract 30106 Rehabilitation of Bio-Reactor Train #4 at EBWWTP

R-004-2019 – Professional Services Contract Amendment No. 5 for Royal Engineers – Hurricane Katrina Related Water Restoration Projects

R-017-2019 – Ratification of Change Order No. 4 for Contract 6249 – Design Build Retrofit Power Distribution Network

R-019-2019 – Approval of Change Order No. 1 for Contract 30109 – Sewer Pumping Station A Structural Rehabilitation

R-026-2019 – Ratification of Change Order No. 1 for Contract 2106 – Installation of New Water, Sewer and Drain Service Connections at Various Sites throughout Orleans Parish

Director Ralph Johnson moved to approve the Corresponding Resolutions in globo. Director Lynes

Sloss seconded. Mr. Lloyd Lazard made a public comment stating that he was concerned about companies that had several change orders. Mr. Lazard also stated that we need to evaluate the cost factor that goes along with change orders to eliminate waste, and that sometimes, it may be better to terminate a contract and rebid it. Mr. Lazard felt that SWBNO doesn't ever seem to move toward equity. Mayor Cantrell stated that Mr. Lazard's points were well taken and that there is absolutely an equity lens that we have on this issue of procurement.

Councilmember Banks asked if there was a process for mitigating change orders. Mayor Cantrell stated that when reviewing contracts, we want to ensure that a change order really is for an unforeseen condition and not just a practice that goes on to where it costs us money and allows others not get a fair shake. The procurement process is deemed a priority.

Director Sloss stated that we have rolled over some contracts that have an annual renewal available to us, and we have used the change order mechanism for that. Director Sloss stated that they previously discussed that a renewal is for work that is anticipated when the contract is written. Ms. Downs stated that a new procurement process would be brought to the Board next month. In reviewing and revising those processes, change orders were the focus. The goal is to be more transparent and proactive at the beginning of a contract.

Councilmember Banks suggested that we use the term contract extension as opposed to change order to assure the public that we are trying to do what is right as it relates to their dollars. Mayor Cantrell stated that Councilmember Banks' point was taken as well; however, the actual resolution speaks to what is being passed. If there is an extension, the resolution would say that. Mr. Lazard entered the change order into the record.

Mayor Cantrell then called for the vote. The motion carried, and the resolutions passed in globo.

PRESENTATION ITEMS

Overview of the Economically Disadvantaged Business Program (EDBP)

Mayor Cantrell commended Director Psychaud, stating that he has gotten us where we need to be. The Economically Disadvantaged Business Program has been a top priority for him.

Ms. Irma Plummer, Director of EDBP, gave an overview of the program. Ms. Plummer began her presentation by stating that EDBP is committed to small business and that the growth and development of small business is important to us. Following a brief history of the Economically Disadvantaged Business Program, Ms. Plummer explained the function of the Construction Review Committee and the Staff Review Committee.

Ms. Plummer stated that SWBNO, the New Orleans Aviation Board, the City and Harrah's Casino have joined in their certification efforts. Once companies have been certified, The EDBP revisits that certification every two years. Companies are certified in three areas: Goods and Services, Professional Services, and Construction. DBE will only monitor those contracts for which a goal has been assigned.

In 1998, the Board outlined how contract compliance monitoring should be handled through a resolution. Staff can make site visits to the prime, to the sub, or to the site, announced or

unannounced. If the prime is not meeting its goal, or is not performing as required for DBE participation, we can review the DBE Participation Summary Sheet and shut down the contract if necessary, or take any other action as deemed appropriate to make sure compliance is met.

Ms. Plummer cited two examples of what happens when a prime does not meet its DBE goal. In one instance, there was a professional services contract where the prime did not engage a DBE whatsoever. Upon review, it was recommended that the prime could not engage in any SWBNO work for six months. In another instance, the prime did not meet its DBE goal. The Good Faith Effort Statement provided was insufficient. Therefore, we recommended a “no recommendation” for final acceptance. Ms. Plummer stated that though that course of action may have been appropriate at the time, their department needs to take a stronger response when a prime fails to meet its goal.

Director Peychaud thanked Ms. Plummer and her staff for their hard work. Director Peychaud wanted to know how the DBE piece fits into contract extensions. Ms. Plummer stated that when a goal is assessed, be it contract extension or change order, the goal follows the changes in the value of the contract. Director Ralph Johnson asked if there was any support for those companies that did not receive certification, that they may come back again to apply for certification. Ms. Plummer stated that when a company has been denied certification, they have outgrown the program. The program threshold is \$24 million, but we also follow the Small Business Association (SBA) industry thresholds.

Director Peychaud was concerned about areas where there are specialized services needed and there may not be a DBE that meets those qualifications. Director Peychaud inquired about enhancing that process to ensure that at some point, DBEs may be able to become a part of a specialized skill set needed for a particular job. Ms. Plummer stated that they are not quite there yet.

Director Amacker was concerned about the overall impact of the DBE program to the agency and that cost. Ms. Plummer stated that when the scope of the work is developed, the cost of doing that work is assessed at that time, independent of DBE participation. The project manager and the person(s) that puts the scope of work together have an idea of what it would cost to get something done. That information is packaged and forwarded to SWBNO. Our department only looks at if there’s an opportunity for a small business to be able to participate in providing that service; thus, that is not added on. Ms. Plummer stated that the base is the base. When DBE participation is assured, and it is bid out, if the bidder comes in higher than the assessment, the contract doesn’t move forward.

Councilmember Banks asked if Ms. Plummer knew the number of small businesses that were subs that have transitioned into businesses that are prime. Ms. Plummer did not have a number at that Board meeting. Director Lewis Stirling stated that the successes of the small businesses that eventually become big businesses should be measured, and that would be something he would be proud of. Ms. Plummer stated that she could do that as an assessment of all the DBEs that are participating in active contracts right now, and then try to find out as much as she can about contracts that have closed and DBEs that have moved on. Ms. Plummer stated that she would take that on as a task for next year.

Councilmember Banks wanted to know the reason why the subs could not bid as primes. Ms. Plummer stated that it is possible for subs to bid as primes, except where there might be bonds required to do the work. At any time, though, a sub can bid as a prime, provided he has the capacity.

In some cases, the bonds are based on the scope of the work.

Councilmember Banks also asked if it were possible to break down a project to make it more reachable so that small businesses could be the prime and build their capacity. Mr. Korban stated that in this business, that is called unbundling. Sometimes it is convenient and sometimes it is not. Mr. Korban stated that one would notice a significant increase in cost by breaking the project down so much that the efficiency of having one project, one package, is lost. This has been done in the past, where it made sense to allow the opportunity for small businesses, who have the ability, to build.

Director Stirling stated that we do not want businesses to remain at \$23.9 million. Mr. Korban stated that he has always told small businesses that they should want to graduate from the DBE program and be on their own and not be hired because of their certification, but because of the merit and quality of their work. Those businesses ultimately become competitors and must win those jobs in the future because our procurement is competitive. We want to be as encouraging as we can. Director Guzman stated that we need to recognize and celebrate that this is a good situation to be in because most organizations do not even give that opportunity for businesses to graduate.

Utiliworks – Utility Billing Assessment

Mr. Dale Pennington, President and CEO of Utiliworks, and Ms. Nicole Griffin, Project Manager for the Billing Quality Assurance Quality Control Project, gave a presentation to the Board. Mr. Pennington explained that their task was to look at some of the critical issues that were happening in billing, how could we improve, and what kind of quality assurance was done.

Ms. Griffin explained that Utiliworks was engaged by SWBNO because there have been an irregularly high number of billing errors since the implementation of Cogsdale CSM, a new Customer Information System. These errors have impacted both the revenue and the public perception of SWBNO and its relationship with its customers. Utiliworks, an independent consultant, did a third-party review of the entire process from meter read to bill generation. Utiliworks provided on-site support to ensure correctness for all delinquent mailings, and they communicated their findings and recommendations throughout their stay.

Director Sloss wanted to know if Utiliworks examined abnormalities such as a \$121,000 water bill. Ms. Griffin stated that they did, and the way the Cogsdale System is configured is in line with Best Practices. Should that occur, the system would spit out that this is a high bill, an exception that needs to be investigated. Nevertheless, this does not prevent human error of people overriding things.

Ms. Downs stated that from an earlier review, it was determined that the meter for this customer had been replaced, so there was a negative reading. Through human error, the bill was processed incorrectly and sent out instead of correcting it. The system did not notify Customer Service that something was wrong. Ms. Downs stated that the bill was corrected on February 15, 2019, but the customer probably had not been notified prior to the news broadcast.

Director Lewis Stirling wanted to know if the system automatically goes back and picks up all the differences over the last 12 months if a customer received an estimated bill of \$90.00 each month for about a year and suddenly has a bill for \$800.00. Ms. Griffin stated that that is what happens. It is called a true-up bill. Director Stirling stated that a bill like that would be easy to explain.

Director Johnson asked if there are any fixes in those versions of the software that would help with estimations or would it have no impact on a customer's bill. Mr. Korban stated that the software would have a tremendous impact. There are nine versions that must be applied at some point when we are ready. However, we do not want to apply something that we do not know how it will be absorbed when we are in the middle of chaos. Mr. Korban stated that we are moving toward upgrading to the current version. Ms. Downs stated that her team is working on estimations in a test environment to make sure that everything is okay when they move into production. Mayor Cantrell stated that we will be staying close to that testing environment, making sure that it is accurate before it becomes fully operational.

Director Sloss commended staff on the 80% of meters that are readable but wanted to know what happens to the other 20%. Ms. Griffin stated that the other 20% are estimated and that that is where the inaccurate bills come from. Utiliworks recommended that we work on the issue of reading those meters that have not been read.

Councilmember Banks wanted to know how long it would take to get a bill with an actual read if a customer's meter could not be read and an estimate had to be made. Mr. Korban stated that the amount of time it takes varies. If the meter has a scratched lens, it could be a matter of days to replace the lens. If the meter is defective, it could take longer because a work order must be generated. The councilmember also wanted to know how long it would take before a customer would get an actual read if the customer has gotten an estimated bill. Mr. Korban stated that, ideally, we want an estimated reading corrected within a month. In some instances, meters are consumed by tree roots. Those readings are months and months of estimates because until a new meter is installed or the line is rerouted, that issue still exists. Mr. Korban stated that it is the science of estimating more accurately so that when you actually true-up the bill, you are not so drastically off.

Director Amacker asked if there was a technology that we could migrate over to with little impact since the Itron handhelds are now obsolete. Ms. Griffin stated that SWBNO is looking into that. The newer generation will have improved functionality.

Director Nicole Barnes asked if there was any way to put a notice in the system that indicates that a customer has had an estimated bill for several months and now has a true-up. Ms. Barnes stated that we may need to put an insert in the customer's bill to explain the reason for the sudden spike, if there is no way to note it on the bill.

Director Sloss asked if the software can do intelligent estimating. Ms. Griffin stated that it could and added that if the customer has had six months of estimates, the software is going to average estimates. Mr. Pennington stated that moving from 100 gallons to 170 gallons when estimating, the real actual usage, would make the true-up much smaller.

Director Robin Barnes stated that we need to try to communicate to the general public what is going on by notifying the public as we learn these issues; thus, being proactive.

Director Amacker and Ms. Downs discussed the formatting of the water bill. Ms. Downs feels that it is important to have a bill that communicates and is transparent. The system would have to be reprogrammed to redesign the water bill and this is expensive. Right now, other things take priority.

Mr. Pennington stated that by taking some of the steps SWBNO is taking, that some of these issues

will be eradicated over time. It is good strategy to constantly use the assets that we have and improve them. Mr. Pennington also pointed out that the billing system is a reliable, good billing system, but it must be upgraded.

Councilmember Banks suggested stretching out the payment plan for some individuals making an hourly wage to help them make their payments. Ms. Downs stated that affordability is high on their list of issues. Ms. Downs' team is trying to give the Customer Service representatives some room to have a conversation and look at what that back payment might look like for the average person who might call in. Mr. Korban stated that we want to be sensitive, but we also want to be fiscally responsible.

EXECUTIVE SESSION - None

PUBLIC COMMENTS

The following persons appeared before the Board of Directors to make comments:

- Mr. Lloyd Lazard stated that leaks should be checked when reported to eliminate erosion. Mr. Lazard also commented on Cogsdale, water management, and compliance with the DBEs.
- On behalf of Justice and Beyond, Rev. Barnwell thanked SWBNO for providing staff at the Keller Library to allow customers to contest their bills on four Wednesdays in January 2019. Justice and Beyond would like SWBNO to continue this service and explore other places in the city where this service could be offered, also offering one evening or one Saturday each week for those who cannot get off work during the day.
- Mr. Happy Johnson suggested SWBNO host a State of the Sewerage and Water Board, an annual report to the community on the permanent updates for the residents. Mr. Johnson asked about the new protocols that would prevent a lapse in communication between Entergy and SWBNO regarding the November 17, 2018 incident. Mr. Johnson also asked for the number of customers on the automatic debit program receiving refunds resulting from overbilling.

INFORMATION ITEMS

The following items were submitted for informational purposes only:

Financial Results through December 2018
Report of the General Superintendent
Report of the Special Counsel
FEMA December Project Worksheet Status
Monthly Human Resources Activity Report for the Period January 1 – January 31, 2019
DBE Participation on Contracts

ADJOURNMENT

There being no further business to come before the Board, the meeting adjourned at approximately 11:53 AM.

**RATIFICATION OF CHANGE ORDER NO. 1 AND FINAL ACCEPTANCE OF
CONTRACT CO-17-0010 – EMERGENCY REPAIR SERVICES FOR TURBINE 3 PHASE I**

WHEREAS, Contract CO 17-0010 was awarded under emergency procurement for \$500,000.00 in March of 2017; and,

WHEREAS, Change Order No. 1, in the amount of \$2,903,054.75, is composed of twenty-one (21) separate work tasks; and,

WHEREAS, Contract CO 17-0010 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans for the amount of \$3,403,054.75, and

WHEREAS, the General Superintendent in his report has recommended that this contract receive final acceptance; and,

NOW, THEREFORE, BE IT RESOLVED, by the Sewerage and Water Board of New Orleans, that the recommendation of the General Superintendent to ratify Change Order No. 1 and to authorize final acceptance of CO 17-0010, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law, on
March 20, 2019.

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

**FINAL ACCEPTANCE OF CONTRACT EE 17-0011 – FURNISHING SWITCHGEAR
EQUIPMENT FOR STG NO. 4**

WHEREAS, Contract EE 17-0011 was awarded under emergency procurement for \$647,664.00; and,

WHEREAS, the work consisted of the furnishing a 6.6KV, 3000A switchgear equipment; and,

WHEREAS, Contract EE 17-0011 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans for the amount of \$638,219.86; and,

WHEREAS, the General Superintendent in his report has recommended that this contract receive final acceptance; and,

NOW, THEREFORE, BE IT RESOLVED, by the Sewerage and Water Board of New Orleans, that the recommendation of the General Superintendent to authorize final acceptance of Contract EE 17-0011, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law,
on March 20, 2019.

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

FINAL ACCEPTANCE OF CONTRACT EE 17-0015 – EMD SCADA PROJECT

WHEREAS, Contract EE 17-0015 was awarded under emergency procurement for \$42,618.07; and,

WHEREAS, the work consisted of the installation of a fiber optic communication panel, hardware for fiber to EMD engines No. 1 and No. 5, command center SCADA hardware/software and, remote SCADA hardware/software; and,

WHEREAS, Contract EE 17-0015 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans for the amount of \$42,618.07; and,

WHEREAS, the General Superintendent in his report has recommended that this contract receive final acceptance; and,

NOW, THEREFORE, BE IT RESOLVED, by the Sewerage and Water Board of New Orleans, that the recommendation of the General Superintendent to authorize final acceptance of Contract EE 17-0015, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law,
on March 20, 2019.

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

**FINAL ACCEPTANCE TO CONTRACT CO-17-0019 – EMERGENCY REPAIR SERVICES
FOR TURBINE 3 PHASE II**

WHEREAS, Contract CO 17-0019 was awarded under emergency procurement for \$777,186.87, and

WHEREAS, Change orders were approved for the amount of \$939,567.90, and

WHEREAS, Contract CO 17-0019 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans for the amount of \$1,716,754.77, and

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

NOW, THEREFORE, BE IT RESOLVED, by the Sewerage and Water Board of New Orleans that the recommendation of the General Superintendent to authorize final acceptance and to close out Contract by Siemens. CO 17-0019 for Contract, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans, do hereby
certify that the above and foregoing is a true
and correct copy of a Resolution adopted at the Regular
Monthly Meeting of said Board, duly called and held,
according to law, on March 20, 2019.

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

FINAL ACCEPTANCE OF CONTRACT ME 17-0020 - EMERGENCY TEMPORARY GENERATORS AT 8 DRAINAGE UNDERPASS STATIONS

WHEREAS, Contract ME 17-0020 was awarded under emergency procurement on September 21, 2017 (R-082-2017) for the amount of \$623,841.16; and,

WHEREAS, the contract was modified to a total contract expenditure of \$917,482.40; and,

WHEREAS, Contract ME 17-0020 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans; and,

WHEREAS, the General Superintendent in his report has recommended this contract receive final acceptance; and,

NOW THEREFORE BE IT RESOLVED, the Sewerage and Water Board of New Orleans approves, the recommendation of the General Superintendent to authorize final acceptance to Industrial & Mechanical Contractors, Inc., for Contract ME 17-0020, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution
adopted at the Regular Monthly Meeting of said Board,
duly called and held, according to law,
on March 21, 2019.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**RECONCILIATION AND FINAL ACCEPTANCE OF CONTRACT 2126 – WATER MAIN
POINT REPAIR, WATER VALVE AND FIRE HYDRANT REPLACEMENT AT AVRIIOUS
SITES THROUGHOUT ORLEANS PARISH**

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

WHEREAS, Wallace Drennan was awarded a one year renewal on June 20, 2018 for the amount of \$2,944,440.00; and,

WHEREAS, Change Order No. 1 was approved by the Board of Directors on September 21, 2018 for the amount of \$1,057,548.82; and,

WHEREAS, Change Order No. 2 was approved by the Board of Directors on December 19, 2018 for the amount of \$2,047,526.18; and,

WHEREAS, the final dollar amount of work performed decreases the value of the contract by \$16,035.94 and extended the duration by zero (0) days; and,

WHEREAS, the General Superintendent in his report has recommended that this contract receive final acceptance; and,

NOW, THEREFORE, BE IT RESOLVED, by the Sewerage and Water Board of New Orleans, that the recommendation of the General Superintendent to reconcile and authorize final acceptance of Contract 2126 is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law,
on March 20, 2019.

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

**RECONCILIATION AND FINAL ACCEPTANCE FOR CONTRACT 2135 –
EMERGENCY REPAIR CONTRACT FOR WINTER FREEZE (INGA) – WATER
MAIN POINT REPAIR, WATER SERVICE CONNECTION, WATER VALVE AND
FIRE HYDRANT REPLACEMENT AT VARIOUS SITES THROUGHOUT ORLEANS
PARISH**

WHEREAS, the Sewerage and Water Board of New Orleans requested pricing from Boh Bros. Construction for Emergency Services during the 2018 Winter Storm Event (Inga) and entered into Contract 2135 with Boh Bros Construction for the amount of \$1,172,290.00; and,

WHEREAS, the Contractor provided water point repair services under this contract under an emergency basis for damages reported throughout the City during the Winter Storm; and,

WHEREAS, the work completed by Boh Bros. was in the amount of \$1,107,848.63, thus having a deductive balance of (\$64,441.37) to the original Contract value; and,

WHEREAS, the General Superintendent in his report has recommended that this contract receive final acceptance; and

NOW THEREFORE BE IT RESOLVED, by the Sewerage and Water Board of New Orleans, that the recommendation of the General Superintendent to reconcile and authorize final acceptance of Contract 2126 is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
March 20, 2019.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

FINAL ACCEPTANCE FOR CONTRACT 2136 – EMERGENCY REPAIR CONTRACT FOR WINTER FREEZE (INGA) – WATER MAIN POINT REPAIR, WATER SERVICE CONNECTION, WATER VALVE AND FIRE HYDRANT REPLACEMENT AT VARIOUS SITES THROUGHOUT ORLEANS PARISH

WHEREAS, the Sewerage and Water Board of New Orleans requested pricing from Grady-Crawford Construction for Emergency Services during the 2018 Winter Storm Event (Inga) and entered into Contract 2136 with Grady-Crawford Construction for the amount of \$1,117,409.00, and,

WHEREAS, the Contractor provided water point repair services under this contract under an emergency basis for damages reported throughout the City during the Winter Storm, and,

WHEREAS, the work completed by Grady-Crawford was in the amount of \$643,526.05, thus having a deductive balance of (\$473,882.95) to the original Contract value; and

WHEREAS, the General Superintendent in his report has recommended that this contract receive final acceptance; and,

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

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
March 20, 2019.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

RECONCILIATION AND FINAL ACCEPTANCE FOR CONTRACT NO. 30203 - RESTORATION OF GRAVITY FLOW SEWER MAINS BY POINT REPAIR AT VARIOUS SITES THROUGHOUT ORLEANS PARISH

WHEREAS, the Sewerage and Water Board of New Orleans entered into Contract No. 30203 with Wallace Drennan, Inc. for the amount of \$1,933,496.00; and

WHEREAS, Change Order No.1 was approved by the Board of Directors on September 20, 2017 for the amount of \$1,431,744.90 (R-107-2017); and,

WHEREAS, Wallace Drennan was awarded a one year renewal on December 20, 2017 for the amount of \$1,933,496.00 (R-163-2017); and,

WHEREAS, Change Order No.2 was approved by the Board of Directors on December 19, 2018 for the amount of \$6,769,926.06 (R-195-2018); and,

WHEREAS, the final dollar amount of work performed decreases the value of the contract by \$155,886.16 and extends the duration by zero (0) days; and,

WHEREAS, the Reconciliation and Final Acceptance brings the total contract dollar amount to \$11,912,776.80; and,

WHEREAS, the General Superintendent in his report has recommended that his contract receive final acceptance; and,

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

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly meeting of said Board,
duly called and held, according to law, on
March 20, 2019

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

**FINAL ACCEPTANCE OF CONTRACT ME 17-0023 - ACCELERATE SCOPE
ASSOCIATED WITH POWER EMERGENCY EVENT FOR CONTRACT 6259**

WHEREAS, Contract ME 17-0023 was awarded under emergency procurement on September 21, 2017 (R-082-2017) for the amount of \$392,113.42; and,

WHEREAS, Contract ME 17-0023 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans; and,

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

NOW THEREFORE BE IT RESOLVED, by the Sewerage and Water Board of New Orleans, that the recommendation of the General Superintendent to authorize final acceptance to Industrial & Mechanical Contractors, Inc. for Contract ME 17-0023, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law,
on March 21, 2018.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**FINAL ACCEPTANCE OF CONTRACT EE 17-0007 – TEMPORARY GENERATOR
RENTALS AT DRAINAGE PUMPING STATION D**

WHEREAS, Contract EE 17-0007 was awarded under emergency procurement for \$8,912,736.68; and,

WHEREAS, the work consisted of temporary generator rentals at Drainage Pumping Station "D"; and,

WHEREAS, Contract EE 17-0007 is ready for Final Acceptance by the Sewerage & Water Board of New Orleans for the amount of \$8,574,997.40; and,

WHEREAS, the General Superintendent in his report has recommended that this contract receive final acceptance; and,

NOW, THEREFORE, BE IT RESOLVED, by the Sewerage and Water Board of New Orleans, that the recommendation of the General Superintendent to authorize final acceptance of Contract EE 17-0007, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law,
on March 20, 2019.

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

CONTRACT AMENDMENT NO. 5 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND G.E.C., Inc. FOR HURRICANE KATRINA RELATED DRAINAGE RESTORATION - BROAD UNDERPASS PUMP STATION DESIGN

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

WHEREAS, on September 21, 2016, the Board amended G.E.C., Inc.'s contract in the amount of \$181,488.25 to provide additional engineering design services and construction management services for the Hurricane Katrina Related Water Restoration Project Repairs to Broad Street Underpass Drainage Pumping Station (R-135-2016); and,

WHEREAS, on October 20, 2017 the Board amended G.E.C., Inc.'s contract in the amount of \$8,417.87 to provide additional engineering design services for the Hurricane Katrina Related Water Restoration Project Repairs to Broad Street Underpass Drainage Pumping Station (R-136-2017); and,

WHEREAS, on February 21, 2018 the Board amended G.E.C., Inc.'s contract in the amount of \$57,000 to provide additional construction management services for the Hurricane Katrina Related Water Restoration Project Repairs to Broad Street Underpass Drainage Pumping Station (R-007-2018); and,

WHEREAS, on July 18, 2018 the Board amended G.E.C., Inc.'s contract in the amount of \$118,486.77 to provide additional construction management services for the Hurricane Katrina Related Water Restoration Project Repairs to Broad Street Underpass Drainage Pumping Station (R-100-2018); and,

WHEREAS, This Contract Amendment No. 5 in the amount of \$85,000 is for Additional Engineering services for construction management services and engineering design services extending beyond the contract's scheduled completion date because of the damage to feeder 508; and,

NOW THEREFORE BE IT RESOLVED, that the Sewerage and Water Board of New Orleans hereby authorizes the Executive Director to execute the amendment to this agreement with G.E.C., LLC increasing the fee to be paid to G.E.C., LLC by \$85,000.

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 March 20, 2019.

GHASSAN KORBAN
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**RATIFICATION OF CHANGE ORDER NO. 2 FOR CONTRACT 30014 –
CLEANING AND CCTV INSPECTION OF SANITARY SEWER MAINS AT
SCATTERED SITES WITHIN ORLEANS PARISH**

WHEREAS, the Sewerage and Water Board entered into Contract 30014 with Compliance Envirosystems, LLC for the amount of \$716,850.00; and,

WHEREAS, the Contractor under Contract was awarded a renewal in the amount of \$716,500.00, which brings the total contract value to \$1,433,700.00; and,

WHEREAS, the first Change Order, in the amount of \$292,425.00, is 20.4% of the total original contract value including the renewal; and

WHEREAS, with the second Change Order requested of \$250,000.00 will bring the accumulated change order total to \$542,450.00 or 37.8% of the original contract value, thus providing a new contract value of \$1,976,150.00; and,

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 2 for Contract 30014 is ratified by the Sewerage and Water Board of New Orleans and Recognition of this Change Order is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
March 20, 2019.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

CONTRACT AMENDMENT NO. 8 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND STANLEY CONSULTANTS INC. FOR DESIGN AND ENGINEERING SERVICES FOR WATER HAMMER HAZARD MITIGATION PROGRAM

WHEREAS, by action of the Sewerage and Water Board of New Orleans (Board), through the adoption of Resolution R-174-2011, Stanley Consultants, Inc. was awarded the agreement for design and engineering services for the Water Hammer Hazard Mitigation Project at the Carrollton Water Treatment Plant for \$2,499,362.06 ; and

WHEREAS, by action of the Board, through the adoption of Resolution R-75-2014, the existing agreement with Consultant was increased by \$1,025,821.60; and

WHEREAS, by action of the Board, through the adoption of Resolution R-264-2014, the existing agreement with Consultant was increased by \$37,940.50; and

WHEREAS, by action of the Board, through the adoption of Resolution R-056-2015, the existing agreement with Consultant was increased by \$465,034.89; and

WHEREAS, by action of the Board, through the adoption of Resolution R-094-2016, the existing agreement with Consultant was increased by \$591,283.20; and

WHEREAS, by action of the Board, through the adoption of Resolution R-149-2016, the existing agreement with Consultant was increased by \$1,584,842.00; and

WHEREAS, by action of the Board, through the adoption of Resolution R-59-2018, the existing agreement with Consultant was increased by \$578,967.65; and

WHEREAS, by action of the Board, through the adoption of Resolution R-144-2018, the existing agreement with Consultant was increased by \$509,049.42; and

WHEREAS, the level of effort for the existing contract has increased due to additional construction administration services as a result of the extension of Contract 1395 and additional geotechnical services for the design of Contract 1377; and Board staff have requested Stanley Consultants Inc. to perform construction administration services for the construction of Contract 1377.

NOW THEREFORE, BE IT RESOLVED, that the Sewerage and Water Board of New Orleans hereby authorizes the Executive Director to execute the amendment to this agreement with increasing the fee authorized to be paid to Stanley Consultants, Inc. by \$3,108,938.48 to a total fee of \$10,401,239.80.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
March 20, 2019.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**AUTHORIZATION FOR EXTENSION of CONTRACT 8138
FURNISHING SKILLED AND UNSKILLED
LABOR FOR MAINTENANCE SERVICES
WITH THE GEE CEE COMPANY OF LOUISIANA, INC.**

WHEREAS, on January 31, 2012, pursuant to Contractor's successful bid dated October 28, 2011, following a publicly advertised bid process for a contractor to furnish skilled and unskilled labor for maintenance services for the Board, the Board and Contractor entered into Contract 8138 (the "Original Contract") which the Board engaged Contractor to furnish skilled and unskilled labor for maintenance services; and

WHEREAS, the Original Contract was for a period of one (1) year with three (3), one (1) year options for renewal; and

WHEREAS, by Resolution R-026-2013 the Original Contract was renewed for a one-year extension beginning April 1, 2013 and ending March 31, 2014, for \$2,428,498.00; and

WHEREAS, by Resolution R-061-2014 the Original Contract as renewed, was again renewed effective April 1, 2014, for \$2,428,498.00; and

WHEREAS, by Resolution R-094-2015 the Original Contract as renewed was again renewed effective June 1, 2015, for \$2,428,498.00 (the Original Contract as repeatedly renewed as set forth above, being hereinafter referred to as the "Current Contract"); and

WHEREAS, the Current Contract authorizes the Board, at its discretion and for any cause which it may deem sufficient, to extend the times set for starting and for completing the Current Contract; and

WHEREAS, in 2016 the Board advertised for a new contract to provide for furnishing of skilled and unskilled labor services on substantially the same terms as the Current Contract, but all bids were rejected, and Contractor continued to provide services by purchase requisition; and

WHEREAS, in 2017 a new solicitation was prepared and issued seeking bids for furnishing of skilled and unskilled labor services, a pre bid conference was held, but after issuance of multiple addenda in response to various questions posed by potential bidders the decision was made to cancel the bid; and

WHEREAS, while the Board prepares to conduct a public bid process for a new contract for the furnishing of skilled and unskilled labor for maintenance services, Board has continuing need of the skilled and unskilled labor services being provided by Contractor pursuant to the Current Contract, Contractor has been continuing to provide and perform such services, and Contractor is willing to continue to perform such services, all in accordance with the terms of the Current Contract; and

WHEREAS, the parties have reviewed the Current Contract, confirmed Board's need for the services by Contractor thereunder as have been provided continually since the inception of the Original Contract, confirmed the ability and willingness of Contractor to continue to perform in accordance with and pursuant to the same terms and conditions of the Current Contract, through and including the 31st day of July, 2019, and this is a memorialization of same;

NOW THEREFORE BE IT RESOLVED that the President of the Board is authorized to execute an agreement by and between the Board and **THE GEE CEE COMPANY OF LOUISIANA, INC. ("Contractor")** extending the Current Agreement through July 31, 2019, for an **additional amount not to exceed One Million Nine Hundred Thousand and No/100 (\$1,900,000.00)** for a total contact amount **not to exceed Nineteen Million Six Hundred One Thousand Five Hundred Forty-Nine and 10/100 (\$19,601,549.10) Dollars.**

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 March 20, 2019.

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

CONTRACT AMENDMENT NO. 7 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND CH2M HILL ENGINEERS, INC FOR PROGRAM MANAGEMENT, DESIGN AND CONSTRUCTION MANAGEMENT FOR THE RETROFIT POWER PLANT HAZARD MITIGATION GRANT PROJECT

WHEREAS, by action of the Board through the adoption of Resolution R-012-2013, Consultant was awarded the agreement for program management, engineering and construction management services for the Retrofit Power Plant Hazard Mitigation Project at the Carrollton Water Treatment Plant; and

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

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

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

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

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

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

NOW THEREFORE BE IT RESOLVED, that the Sewerage and Water Board of New Orleans hereby authorizes the Executive Director to execute the amendment to this agreement with CH2M HILL Engineers, Inc., a wholly owned subsidiary of Jacobs Engineering Group (Jacobs) increasing the fee authorized to be paid to Jacobs by \$4,723,143.

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 March 20, 2019.

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

CONTRACT AMENDMENT NO. 3 TO THE AGREEMENT BETWEEN SEWERAGE AND WATER BOARD OF NEW ORLEANS AND RICHARD CPAS, LLC FOR INDEPENDENT FINANCIAL AUDITING PROFESSIONAL SERVICES

WHEREAS, on July 12, 2018, the Sewerage & Water Board of New Orleans entered a contract with Richard CPAS, LLC to render professional services to support the 2017 audit and annual financial statement preparation in the amount of \$15,000.00; and

WHEREAS, the contract has been previously amended by the Board to complete the 2017 audit and support the 2018 year-end closing process for a total of \$130,000.00, bringing the total contract value to \$145,000,000; and

WHEREAS, additional support is needed to compete the 2018 financial statements on time; and

WHEREAS, this request for ratification of an additional \$75,000.00 will increase the contract amount to a total of \$220,000.00;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Sewerage and Water Board hereby approves ratification of Contract Amendment No. 3 to the Professional Services Agreement between the Board and Richard CPAS, LLC, for independent financial auditing services, to extend this contract through June 30, 2019, in an amount not to exceed \$75,000, for a total contract amount not to exceed \$220,000.00.

I, Ghassan Korban, Executive Director, Sewerage and Water Board of New Orleans, do hereby certify that the above and foregoing is a true and correct copy of a resolution adopted at the Regular Meeting of the said Board duly called and held, according to law, on March 20, 2019.

Ghassan Korban
Executive Director
SEWERAGE AND WATER BOARD OF NEW ORLEANS

An aerial photograph of New Orleans, Louisiana, showing the Mississippi River and surrounding land. The image is overlaid with a semi-transparent green filter. The text is centered over the city area.

Green Infrastructure in New Orleans

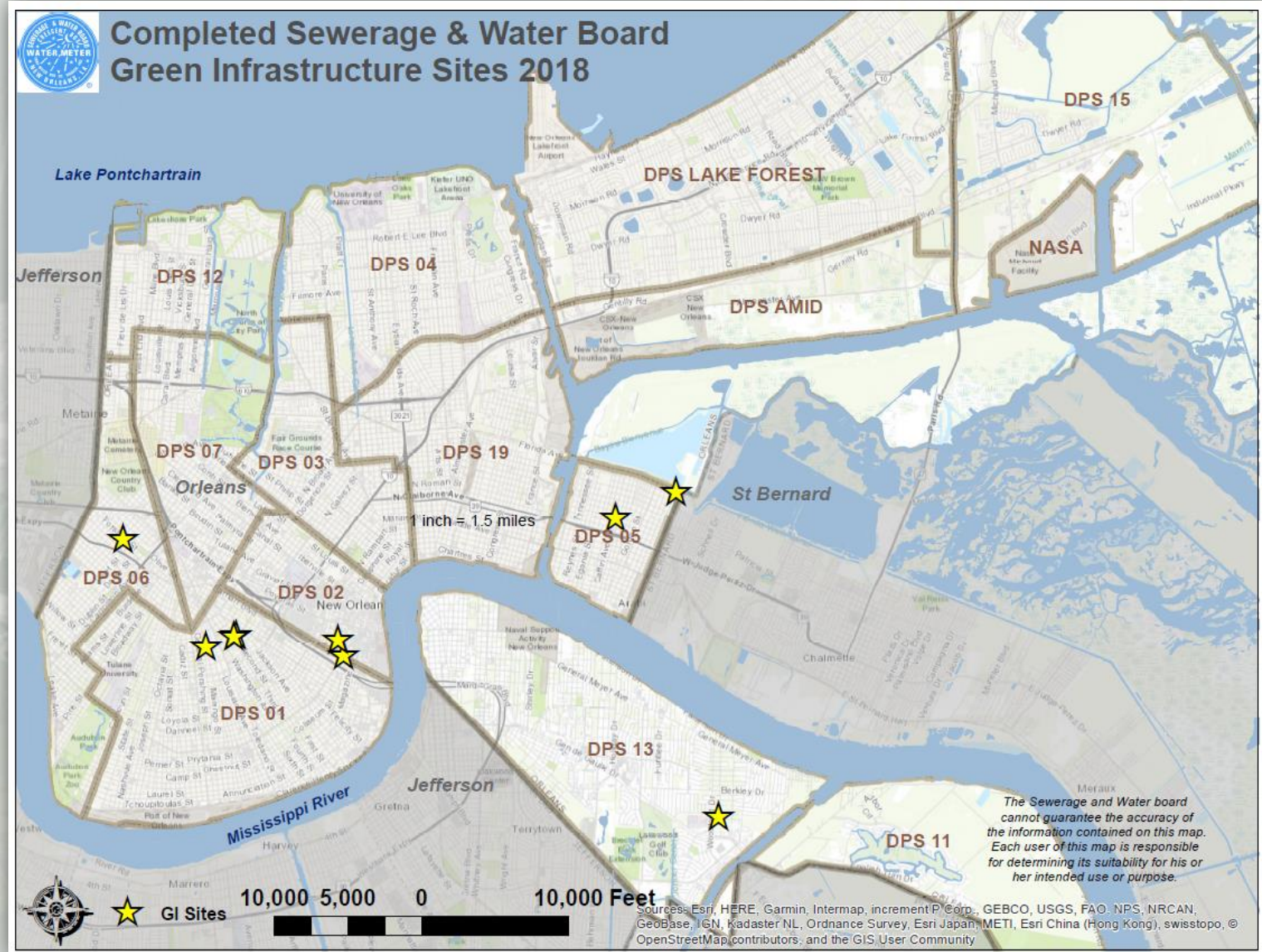
Sewerage and Water Board of New Orleans

Department of Environmental Affairs

October, 17 2018

3rd Modified Consent Decree Requirement

- SWB must dedicate \$2.5M towards green infrastructure from 2014 – 2018.
- All funds have been dedicated
- ~500K need to be awarded in 2019 to remain in compliance.



Central City Stormwater Lot- \$32,000.00



Captures street runoff and manages/filters water in simple vegetated bioretention cell

Designed Site Capacity:

- 26,180 Gallons

Lesson Learned:

Communication with DPW is a must.

Road construction has rendered this site less efficient than original design.



PARTNERS: Dana Brown & Associates, LPBF, Greenman Dan, Hike for KaTREEna, LUSC, Global Green, NPN, NORA

Lower 9th Ward Earth Lab- \$85,710.00

PARTNERS: Groundwork NOLA, Common Ground Relief, NET Charter High School, GAEA Engineering Consultants, Waggoner & Ball Architects, Deltares, Sustainable Ecosystems Restoration



- Rain garden, pervious pavement, Green Team school program, and professional outreach targeting the Lower 9th Ward, St. Roch, and Central City.
- Holds 9,000 gallons of water per rain event
- Serves as outdoor classroom



Hollygrove-Greenline

\$99,666.02

Designed to hold 47,470 gallons of stormwater

Lessons Learned

- Carrollton-Hollygrove CDC no longer in existence
- Maintenance is a problem if no community wants to claim ownership

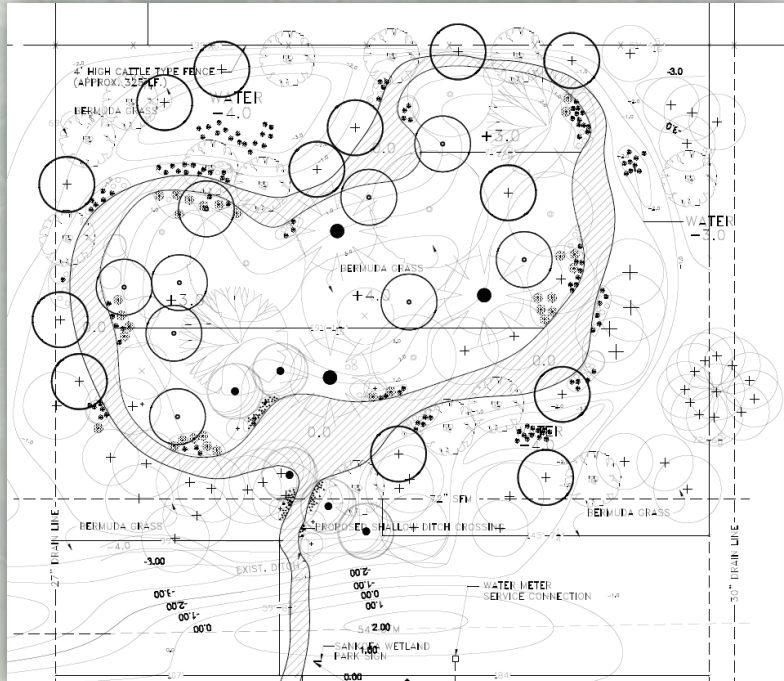


PARTNERS: Tulane City Center, Dana Brown & Associates, Carrollton-Hollygrove CDC, Engineers without Borders, Twin Shores Landscape & Construction Services.

Florida Ave Learning Trail- \$100,000.00

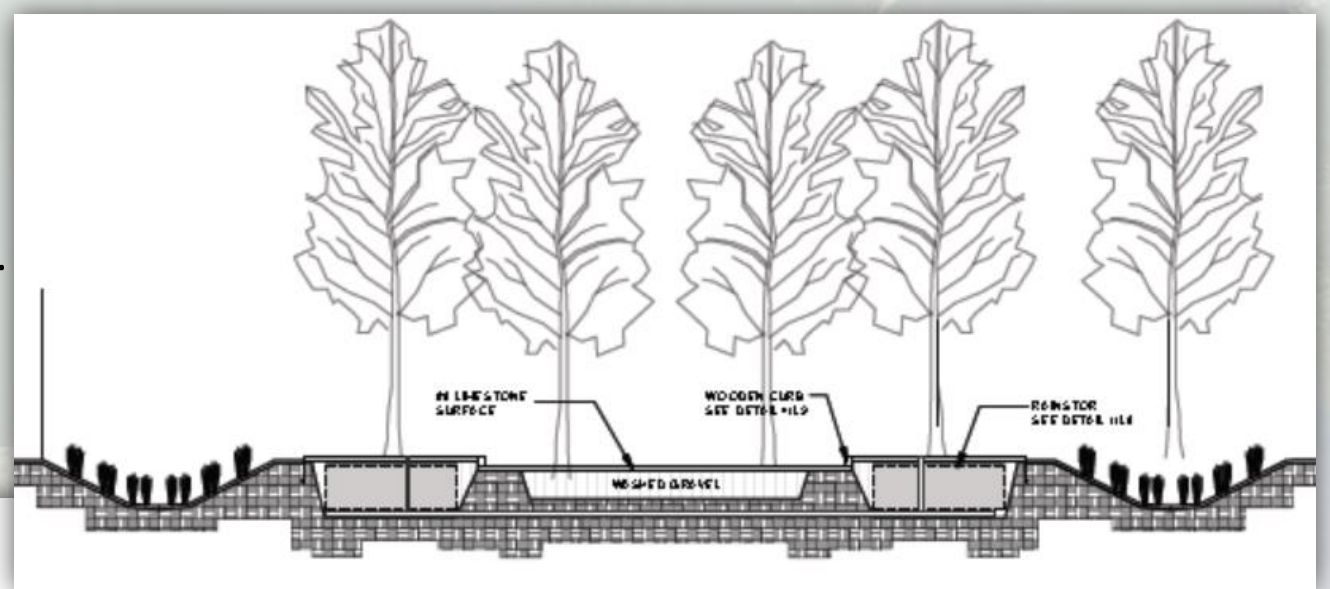
PARTNERS: Sankofa CDC, Evans & Lighter, Dr. John Day Jr., Common Ground Relief, Audubon Nature Institute, Hike for KaTREEna, Design Jones, LLC, MDM Design, Wetlands Resources, LLC

- Highlights the role of wetlands in stormwater management.
- 50,000 gallons of stormwater can be held on site.



Water Effectiveness in Broadmoor-\$79,118.11

PARTNERS: Land Trust for Louisiana, Evans and Lighter, Trigon Associate, City of New Orleans, E & E Strategies.



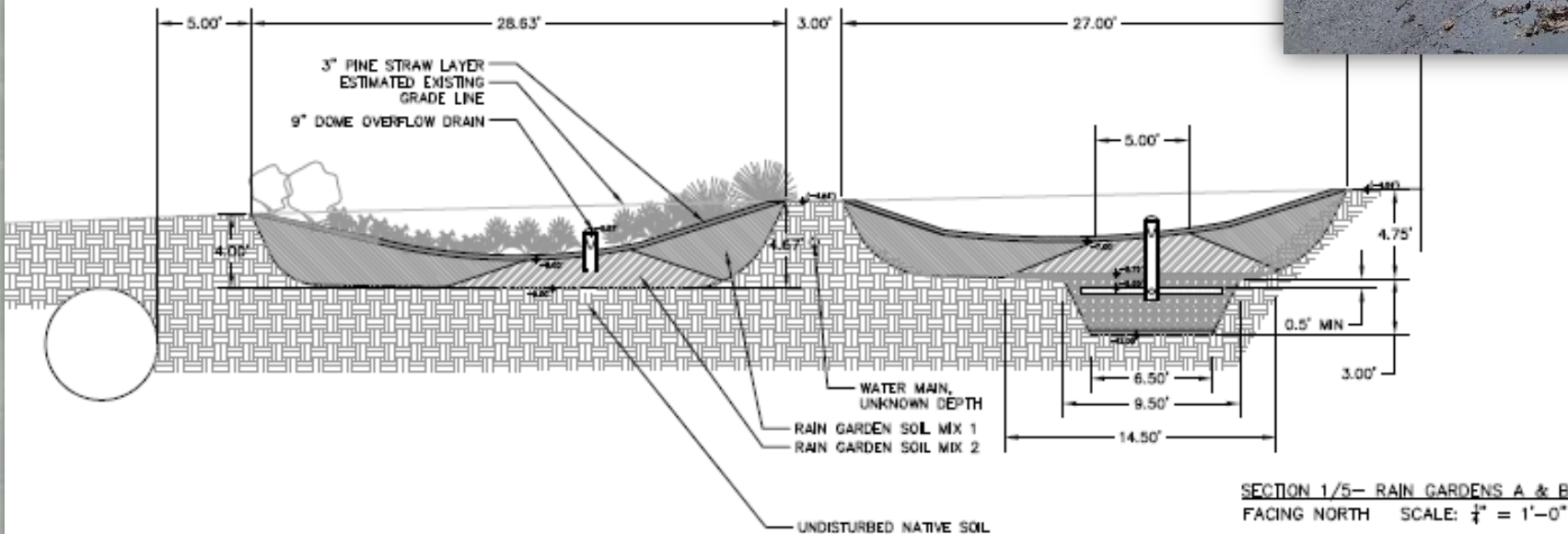
44,880 Gallons of water stored in 2 rain gardens, 2 underground storage tanks/cisterns, and a gravel detention area.



Aurora Rain Gardens-

\$65,105.00

- Two separate rain gardens to capture street runoff.
- Additional underground stormwater storage capacity in gravel base of one of the rain gardens.
- Overflow drains connected to stormwater system designed to prevent onsite flooding.
- Designed to drain in 24-48 hours.



PARTNERS: Gaea Consultants,
Greenman Dan, Groundwork
NOLA

Rabouin International School Green Roof

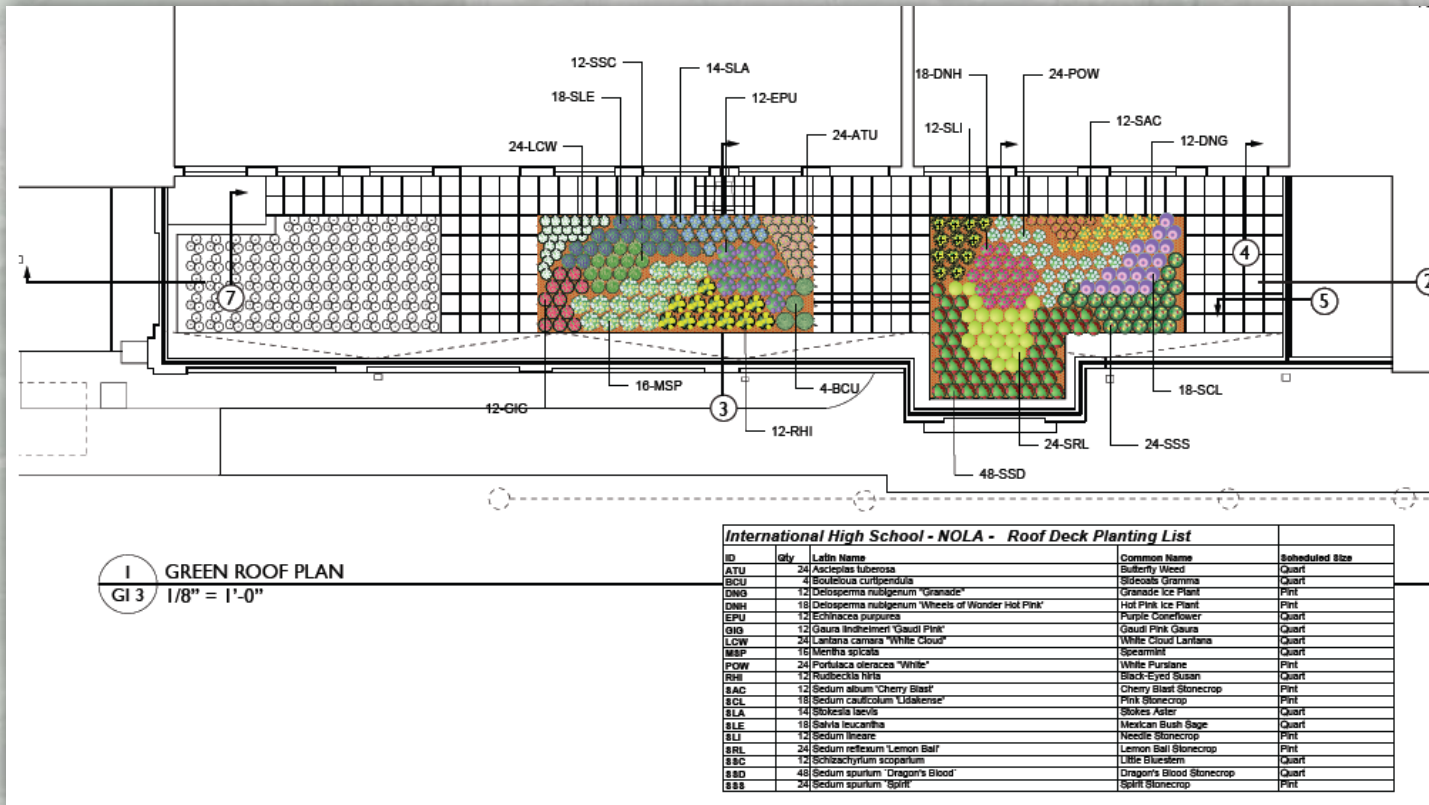
\$94,064.72

PARTNERS: Hanging Gardens, Rabouin International High School, VertiFarms

- 17,500 gallons of water held per rain event
- Includes blue and green roofs (handweeding and watering)

- Green roof includes:

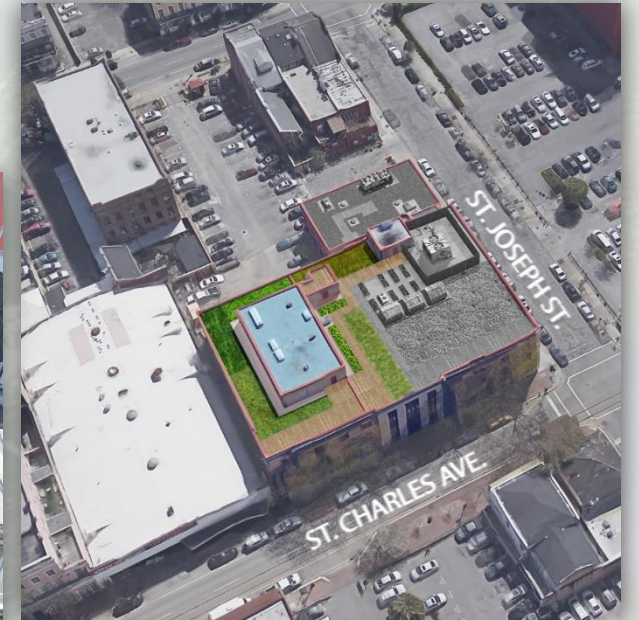
- Native plants
- Growth media
- Filter fleece
- Drainage/retention board
- Root barrier
- Waterproofing
- Leak detection grid



SWB Green Roof- \$351, 380.75

PARTNERS: Hanging Gardens, Evans + Lighter, Morphy Makofsky, Independent Roofing Systems, Greensite, AD Greenroof

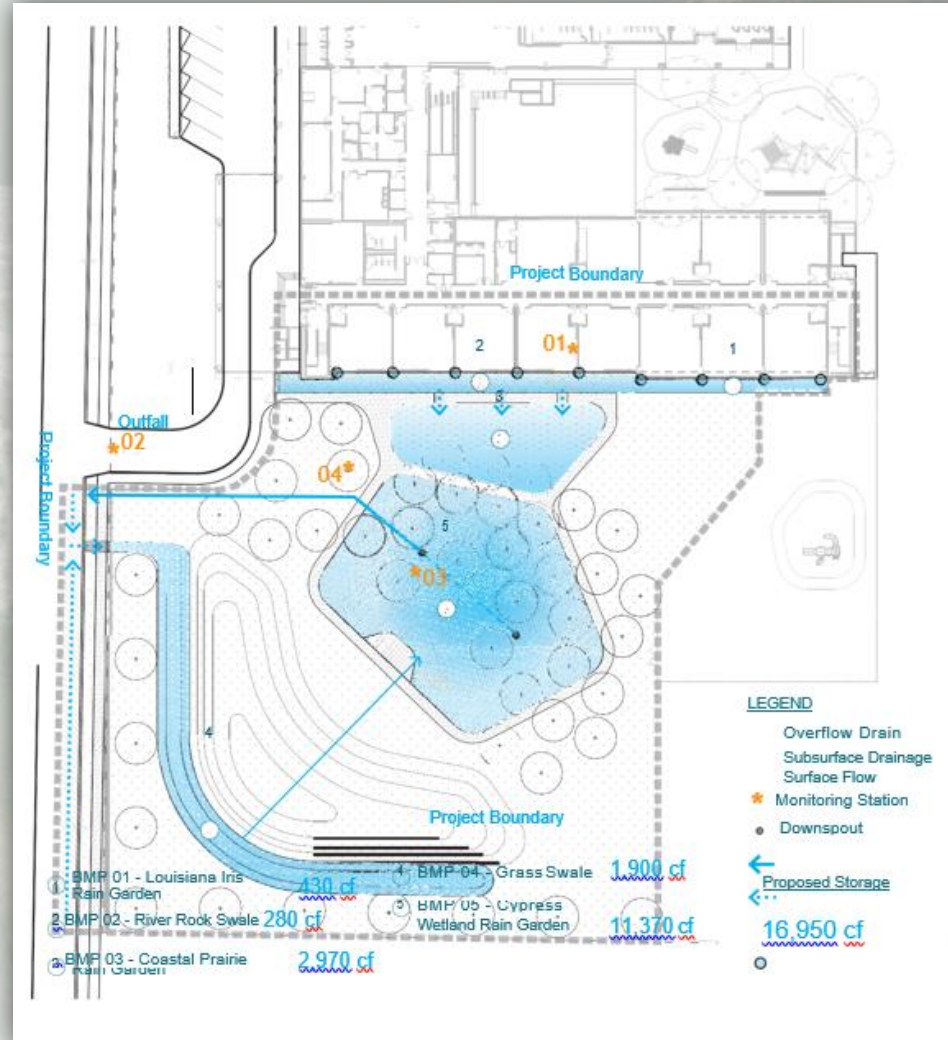
- Green Roof
 - Uses Rain Water
 - Moisture Detection
 - Sprinkler System
 - Smart System
 - Various Soil & Rock Mixtures
- Blue Roof
 - Pools Water (0"-6") up to 48 hours
 - Smart Drains



Paul Habans Educational Stormwater Center \$376,974.95

Proposed Project Includes:

1. Louisiana Iris rain garden
2. River rock swale
3. Coastal prairie rain garden
4. Shallow grass swale
5. Cypress wetland rain garden
6. Four water monitoring stations



PARTNERS: Spackman
Mossop Michaels, Mullin
Landscape Associates,
Palmisano, Three C's
Properties, Inc.

Climate-Smart Cities Tool

THE
TRUST
FOR
PUBLIC
LAND

New Orleans - Climate Smart Cities

Parcel and ROW Report

October 23, 2018

Page 1 of 3

THE
TRUST
FOR
PUBLIC
LAND

Parcel ID: 41091493 Acres: 0.19 Neighborhood: ST. ROCH
Address: 3131 RABBITS ST

Additional Parcel Information

Parcel Exempt Class: ER	NORA Property: YES
Parcel Exempt Type: V	School Property: NO
Hectares: 0.08	SWB Basin: DPS 19

Right-of-Way

Road Class:	Speed Limit 0.00
Intersection:	One Way: N
Median:	Bus Route (short):
Width from Parcel to Curb: 0.00	Bus Route (long):
ROW Block:	Pavement Condition: Very Poor
Canal Type:	Canal Name:

Green Infrastructure Suitability Indicators

Min. Ann. Water Table Dpth. (cm): 61.00	Mean Percent Canopy: 0.00
NLCD Landcover: Developed, Low Intensity	Mean Percent Impervious: 37.00
SSURGO Subsidence Estimate (cm): 18.00	Mean Slope: 1.74
Mean Elevation: -6.30	SSURGO Hydrologic Soil Group: D

Overall Stacked Priorities

Overall Stacked Priorities	Acres	Percent	Present
Overall Stacked Priorities	0.19	100.0%	Yes

Legend

New Orleans Parcels



Climate-Smart Cities New Orleans

Q Enter an address or place

Overlay Data

- ☒ City Boundary
- ☒ Parcels and ROW
- ☐ Administrative Boundaries
- ☒ Green Infrastructure Suitability
 - ☒ NORA Property
- ☐ Tax Exempt Properties
- ☐ Drainage Basins
- ☐ SSURGO Subsidence
- ☐ SSURGO Hydrologic Soil Group
- ☐ Slope
- ☐ Tree Canopy (NLCD)
- ☐ Landcover (NLCD)
- ☒ Impervious Percent (NLCD)
 - 76.00000001 - 100
 - 51.00000001 - 76
 - 33.00000001 - 51
 - 13.00000001 - 33
 - 0 - 13
- ☐ Elevation feet (LA State)
- ☐ ITree Block Group Metrics
- ☐ Brownfields
- ☐ Absorb
- ☐ Cool
- ☐ Connect
- ☐ Climate Equity
- ☐ Health
- ☐ Creative Placemaking

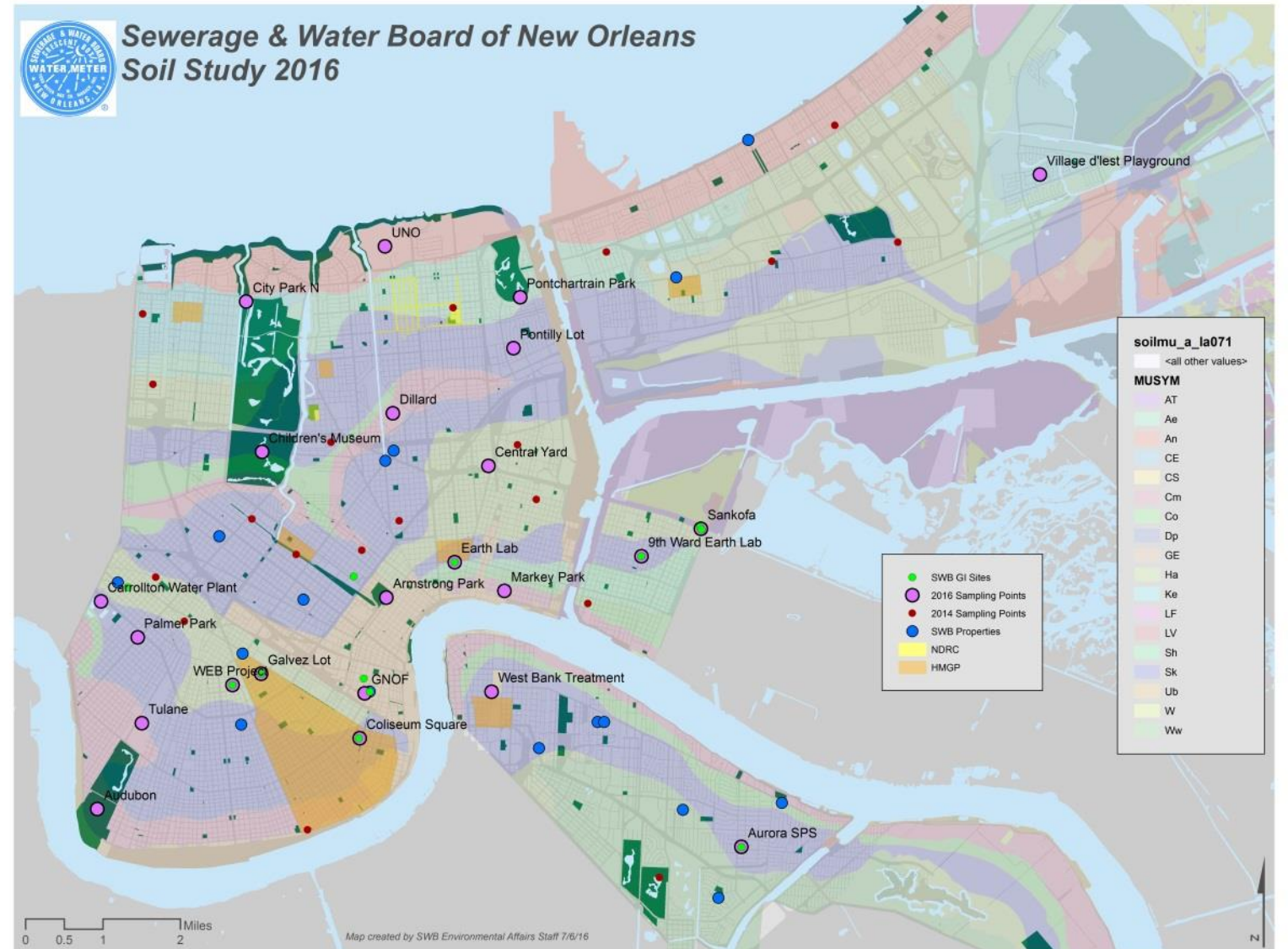
Analysis Results



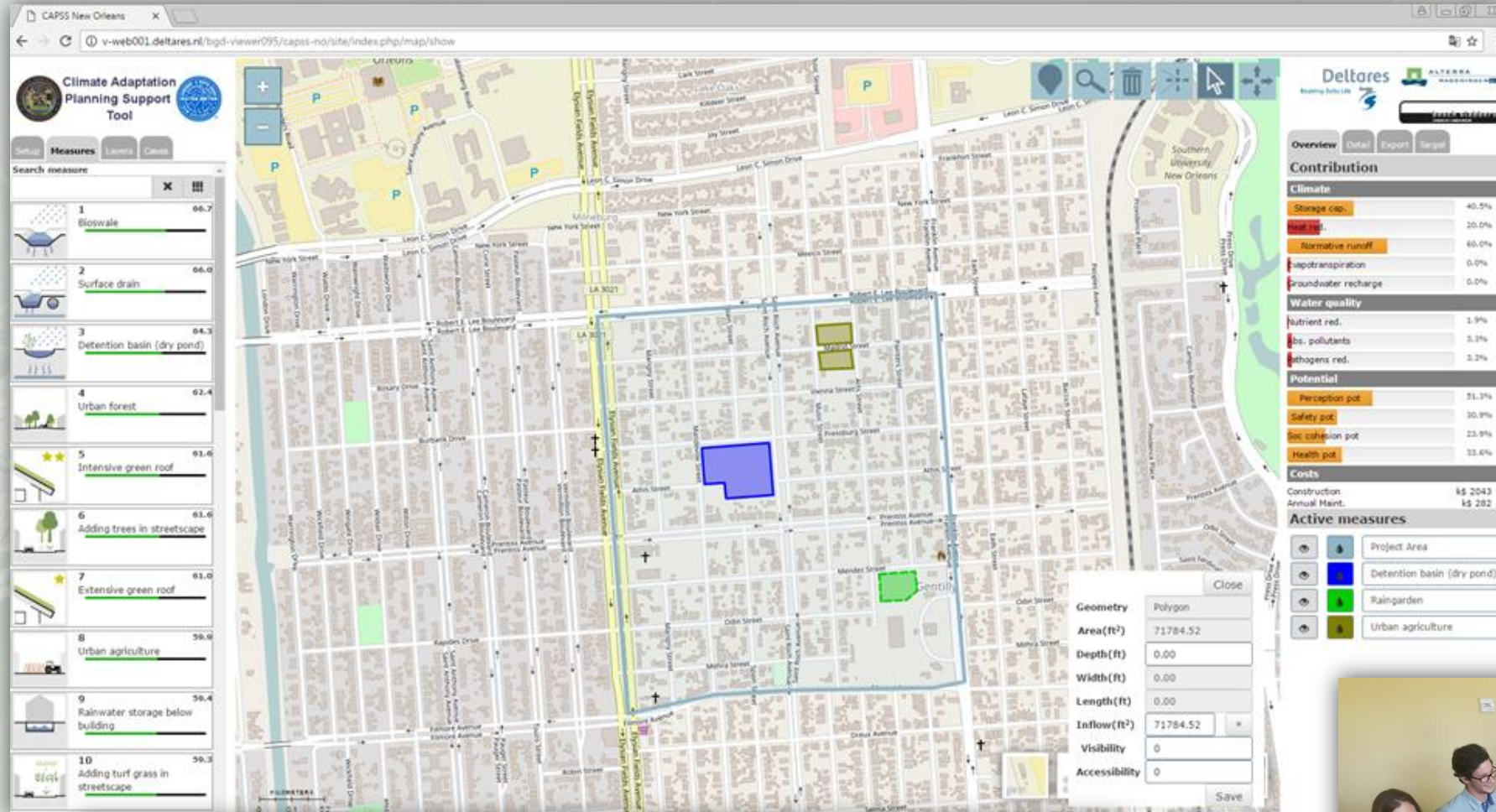
Soil Sampling/Analysis



- Eustis Engineering, LLC was project lead.
- \$65, 467.30 of SWB funds spent towards the completion of this project.
- Understanding our soils will allow us to implement future GI in a more strategic manner.

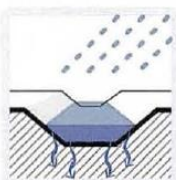


Adaptation Support Tool



- \$70,389.05 spent on this project.
- Valuable tool for showing impacts of stormwater management interventions at neighborhood and block scales.

Bioswale



Bioswales are similar to bioretention cells in that they are depressed planted areas with overflow structures that collect, detain, infiltrate, and filter runoff. However, bioswales differ from bioretention cells in that they are also conveyance facilities (linear systems) that are greater in length than width; they are often equipped with an underdrain.



GI Toolkit- Standard Details



SEWERAGE AND WATER BOARD OF NEW ORLEANS

WITH THE
CITY OF NEW ORLEANS
DEPARTMENT OF PUBLIC WORKS

GREEN INFRASTRUCTURE STANDARD DETAILS

SHEET INDEX

COVER SHEET		
A. BIORETENTION TYPICAL DETAILS FOR BIORETENTION CELLS		GI-A1
B. BIOSWALES TYPICAL DETAILS FOR BIOSWALES		GI-B1
C. STORMWATER PLANTERS TYPICAL DETAILS FOR STORMWATER PLANTERS		GI-C1
D. RESERVED		
E. INFILTRATION TRENCHES TYPICAL DETAILS FOR INFILTRATION TRENCHES		GI-E1
F. PERVIOUS PAVEMENT TYPICAL DETAILS FOR PERVIOUS PAVEMENT		GI-F1
G. RESERVED		
H. RESERVED		
I. RESERVED		
J. TREE CELLS TYPICAL DETAILS FOR TREE CELLS		GI-J1
K. RETENTION/DETENTION BASINS TYPICAL DETAILS FOR RETENTION BASINS TYPICAL DETAILS FOR DETENTION BASINS		GI-K1 GI-K2
L. MISCELLANEOUS DETAILS TYPICAL DETAILS FOR GI TREE & SHRUB PLANTING TYPICAL DETAILS FOR CURB GAPS AND STEP OUT ZONE TYPICAL DETAILS FOR GI FOOTBRIDGE TYPICAL DETAILS FOR MISCELLANEOUS GI ELEMENTS		GI-L1 GI-L2 GI-L3 GI-L4

	SEWERAGE AND WATER BOARD WITH THE CITY OF NEW ORLEANS DEPARTMENT OF PUBLIC WORKS		
	COVER SHEET		
	DESIGNED BY	REVIEWED BY	
	DATE	SCALE	
<small>THE SELECTION AND USE OF THESE STANDARD DETAILS IS THE RESPONSIBILITY OF THE USER. THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND THE CITY OF NEW ORLEANS DEPARTMENT OF PUBLIC WORKS ASSUME NO LIABILITY FOR ANY DAMAGE OR INJURY RESULTING FROM THE USE OF THESE STANDARD DETAILS.</small>		DRAWING No. NOT FOR CONSTRUCTION	

- Provides standards common green infrastructure:
 - Bioretention Cell
 - Bioswale
 - Tree Cell
 - Stormwater Planter
 - Wet Detention Basin
 - Dry Detention Basin
 - Infiltration Trench
 - Pervious Pavement
- Accompanying guidance document and plant list
- Partnership with CDM Smith and the City of New Orleans.

GI Toolkit- Stormwater Calculator

- Determination of Building Code Chapter I, Section 121 requirement to detain the first 1.25" of rainfall from a site.
- Excel based spreadsheet with five tabs.
 - Instructions
 - Summary
 - Pre-Development
 - Post-Development
 - Water Quality
- We use water-quality component to assess a proposed development's ability to decrease Total Suspended Solids by 40-60%.
- Not intended to replace hydraulic modeling when required.
- \$82,885.00

Ongoing GI Initiatives

- 2019 RFP to install GI on SWB property
- Site Monitoring
- Outreach and Education
- Catch basin cleanups

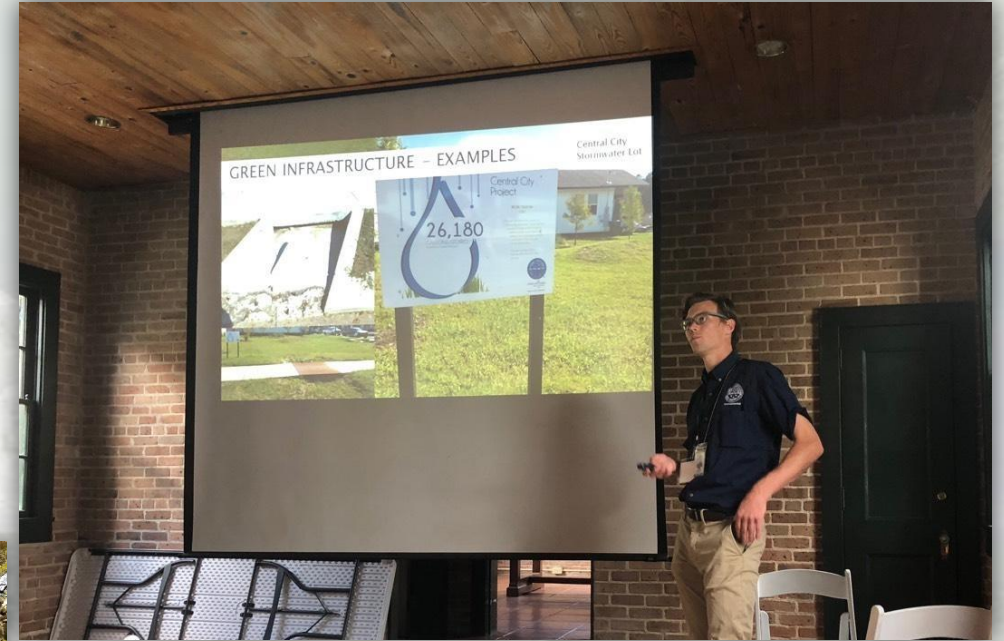


Green Roof Tours



Earth Fest

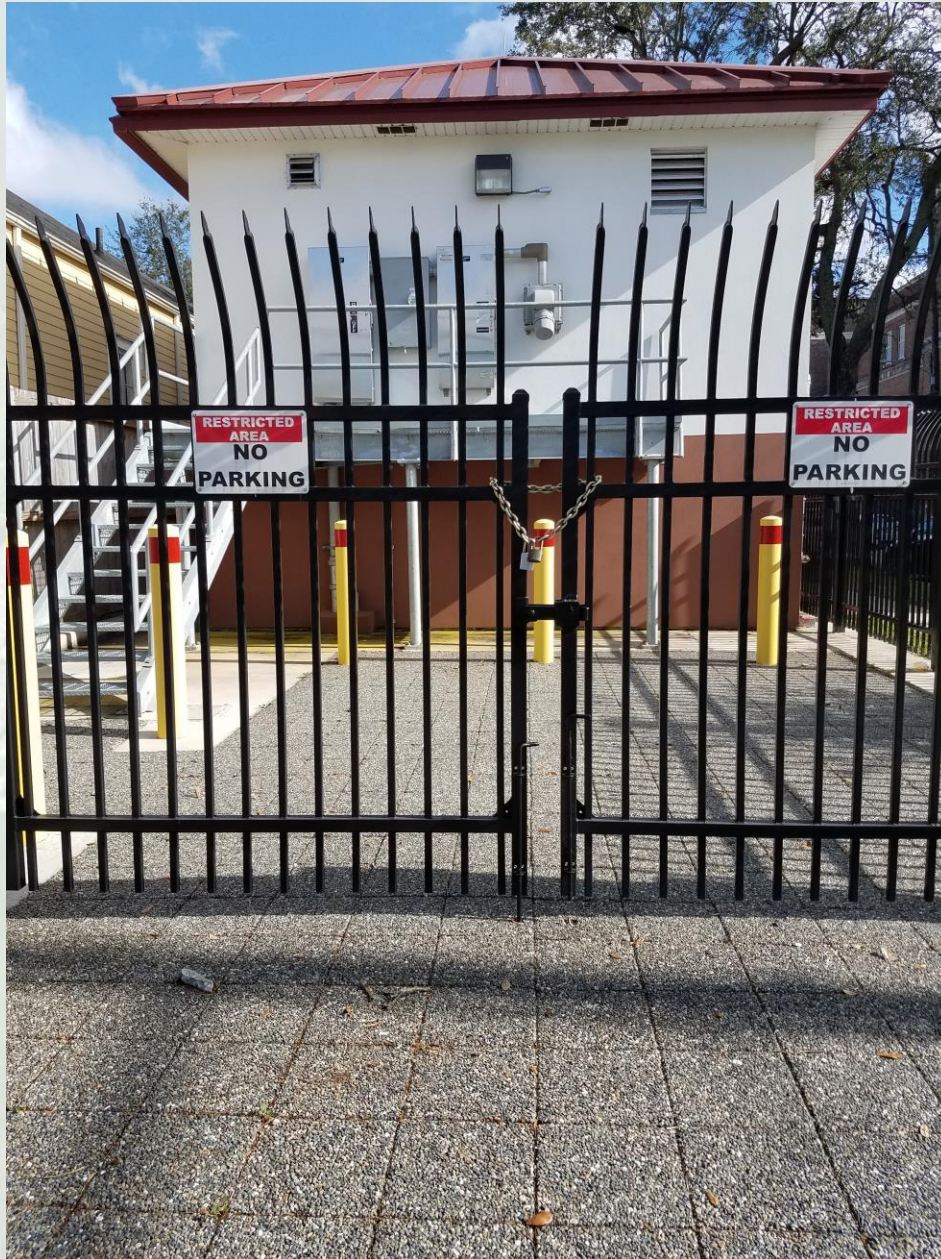
Educational Presentations



Before

After





Other SWB GI

SPS 06 – 242 S Solomon

- New Sewer Pumping Station in Mid City
- Permeable Pavers
- Dotd SPS also has permeable pavers in rear

An aerial photograph of a river valley, likely the Rhine, with a semi-transparent green overlay. The river winds through the center of the image, flanked by urban areas and green spaces. The text "Thank you" is centered over the river.

Thank you



SEWERAGE AND WATER BOARD OF NEW ORLEANS

March 13, 2019

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

Re: Financial Results through January 2019

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 January 2019. The Variance Indicators for Financial Results through January 2019 is also attached. Also, attached is the Unrestricted Cash in days through January 2019. The *Statement of Net Assets* and the *Statement of Cash Flows* will be provided after the completion of the 2018 audit.

Operating Revenues:

Water System Fund (pages 7 and 8, line 5) January 2019 MTD operating revenues of \$8,235,409 is \$511,061 (or 5.8%) less than budgeted and \$2,028,416 (or 32.7%) more than January 2018 MTD. January 2019 YTD operating revenues of \$8,235,409 is \$511,061 (or 5.8%) less than budgeted and \$2,028,416 (or 32.7%) more than January 2018 YTD.

Sewer System Fund (pages 13 and 14, line 5) January 2019 MTD operating revenues of \$10,860,807 is \$169,737 (or 1.6%) more than budgeted and \$3,268,055 (or 43.0%) more than January 2018 MTD. January 2019 YTD operating revenues of \$10,860,807 is \$169,737 (or 1.6%) more than budgeted and \$3,268,055 (or 43.0%) more than January 2018 YTD.

Drainage System Fund (pages 19 and 20, line 5) January 2019 MTD operating revenues of \$2,261,798 (or 100.0%) more than budgeted and is \$2,311,081 (or 4689.4%) more than January 2018 MTD. January 2019 YTD operating revenues of \$2,261,798 (or 100.0%) more than budgeted and is \$2,311,081 (or 4689.4%) more than January 2018 YTD.

Total System Funds (pages 1 and 2, line 5) January 2019 MTD operating revenues of \$21,358,014 is \$1,920,474 (or 9.9%) more than budgeted and \$7,607,552 (or 55.3%) more than January 2018 MTD. January 2019 YTD operating revenues of \$21,358,014 is \$1,920,474 (or 9.9%) more than budgeted and \$7,607,552 (or 55.3%) more than January 2018 YTD.

Operating Expenses:

Water System Fund (pages 7 and 8, line 18) January 2019 MTD operating expenses of \$2,700,956 is \$5,852,311 (or 68.4%) less than budgeted and \$3,262,517 (or 54.7%) less than January 2018 MTD. January 2019 YTD operating expenses of \$2,700,956 is \$5,852,311 (or 68.4%) less than budgeted and \$3,262,517 (or 54.7%) less than January 2018 YTD.

Sewer System Fund (pages 13 and 14, line 18) January 2019 MTD operating expenses of \$3,127,344 is \$6,703,710 (or 68.2%) less than budgeted and \$6,588,919 (or 67.8%) less than January 2018 MTD. January 2019 YTD operating expenses of \$3,127,344 is \$6,703,710 (or 68.2%) less than budgeted and \$6,588,919 (or 67.8%) less than January 2018 YTD.

Drainage System Fund (pages 19 and 20, line 18) January 2019 MTD operating expenses of \$2,268,806 is \$4,483,193 (or 66.4%) less than budgeted and \$5,427,716 (or 70.5%) less than January 2018 MTD. January 2019 YTD operating expenses of \$2,268,806 is \$4,483,193 (or 66.4%) less than budgeted and \$5,427,716 (or 70.5%) less than January 2018 YTD.

Total System Funds (pages 1 and 2, line 18) January 2019 MTD operating expenses of \$8,097,107 is \$17,039,214 (or 67.8%) less than budgeted and \$15,279,153 (or 65.4%) less than January 2018 MTD. January 2019 YTD operating expenses of \$8,097,107 is \$17,039,214 (or 67.8%) less than budgeted and \$15,279,153 (or 65.4%) less than January 2018 YTD.



SEWERAGE AND WATER BOARD OF NEW ORLEANS

Net Non-Operating Revenues:

Water System Fund (pages 7 and 8, line 28) January 2019 MTD non-operating revenues of \$143,147 is \$74,020 (or 34.1%) less than budgeted and \$95,561 (or 200.8%) more than January 2018 MTD. January 2019 YTD net non-operating revenues of \$143,147 is \$74,020 (or 34.1%) less than budgeted and \$95,561 (or 200.8%) more than January 2018 YTD.

Sewer System Fund (pages 13 and 14, line 28) January 2019 MTD non-operating revenues of \$196,361 is \$34,813 (or 15.1%) less than budgeted and \$174,329 (or 791.2%) more than January 2018 MTD. January 2019 YTD net non-operating revenues of \$196,361 is \$34,813 (or 15.1%) less than budgeted and \$174,329 (or 791.2%) more than January 2018 YTD.

Drainage System Fund (pages 19 and 20, line 28) January 2019 MTD non-operating revenues of \$124,144 is \$4,982,405 (or 97.6%) less than budgeted and \$118,705 (or 2182.5%) more than January 2018 MTD. January 2019 YTD net non-operating revenues of \$124,144 is \$4,982,405 (or 97.6%) less than budgeted and \$118,705 (or 2182.5%) more than January 2018 YTD.

Total System Funds (pages 1 and 2, line 28) January 2019 MTD non-operating revenues of \$463,652 is \$5,091,238 (or 91.7%) less than budgeted and \$388,595 (or 517.7%) more than January 2018 MTD. January 2019 YTD net non-operating revenues of \$463,652 is \$5,091,238 (or 91.7%) less than budgeted and \$388,595 (or 517.7%) more than January 2018 YTD.

Income Before Contributions in Aid of Construction:

Water System Fund (pages 7 and 8, line 29) January 2019 MTD income before contributions of \$5,677,600 is \$5,267,230 (or 1283.5%) more than budgeted and \$5,386,494 (or 1850.4%) more than January 2018 MTD. January 2019 YTD income before capital contributions of \$5,677,600 is \$5,267,230 (or 1283.5%) more than budgeted and \$5,386,494 (or 1850.4%) more than January 2018 YTD.

Sewer System Fund (pages 13 and 14, line 29) January 2019 MTD income before contributions of \$7,929,824 is \$6,838,634 (or 626.7%) more than budgeted and \$10,031,304 (or 477.3%) more than January 2018 MTD. January 2019 YTD income before capital contributions of \$7,929,824 is \$6,838,634 (or 626.7%) more than budgeted and \$10,031,304 (or 477.3%) more than January 2018 YTD.

Drainage System Fund (pages 19 and 20, line 29) January 2019 MTD income before contributions of \$117,136 is \$1,762,586 (or 107.1%) more than budgeted and \$7,857,502 (or 101.5%) more than January 2018 MTD. January 2019 YTD income before capital contributions of \$117,136 is \$1,762,586 (or 107.1%) more than budgeted and \$7,857,502 (or 101.5%) more than January 2018 YTD.

Total System Funds (pages 1 and 2, line 29) January 2019 MTD income before contributions of \$13,724,559 is \$13,868,450 (or 9638.2%) more than budgeted and \$23,275,300 (or 243.7%) more than January 2018 MTD. January 2019 YTD income before capital contributions of \$13,724,559 is \$13,868,450 (or 9638.2%) more than budgeted and \$23,275,300 (or 243.7%) more than January 2018 YTD.



SEWERAGE AND WATER BOARD OF NEW ORLEANS

The balances of funds from the Series 2014 bond proceeds available for capital construction as of January 31, 2019 are:

	Water	Sewer	Total
Original Balance	\$ 144,376.18	-	\$ 144,376.18
Less Disbursements	-	-	-
Plus Reimbursements	-	-	-
Plus Income	122.62	-	122.62
Ending Balance	\$ 144,498.80	-	\$ 144,498.80

The balances of funds from the Series 2015 bond proceeds available for capital construction as of January 31, 2019 are:

	Water	Sewer	Total
Original Balance	\$ 4,381,786.17	\$ 5,930.69	\$ 4,387,716.86
Less Disbursements	(4,000,000.00)	-	(4,000,000.00)
Plus Reimbursements	-	-	-
Plus Income	1,611.93	4.04	1,615.97
Ending Balance	\$ 383,398.10	\$ 5,934.73	\$ 389,332.83

Total	\$527,896.90	\$5,934.73	\$533,831.63
--------------	---------------------	-------------------	---------------------

The days-of-cash at January 31, 2019 were 118 days for the water system, 93 days for the sewer system, 0 days for the drainage system and 79 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.

Debt service coverage is not included in the preliminary January 2019 financials as we are still calculating accrued revenues and expenses.

Certification. In connection with the accompanying monthly financial report of the Sewerage and Water Board of New Orleans for the period ended January 31, 2019, 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
January 2019 Prelim

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Prior Year	MTD Variance	%	YTD Actual	YTD Prior Year	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	8,045,897	6,081,067	1,964,830	32.3%	8,045,897	6,081,067	1,964,830	32.3%
2 Sewerage service charges and del fees	10,791,071	7,493,338	3,297,733	44.0%	10,791,071	7,493,338	3,297,733	44.0%
3 Plumbing inspection and license fees	41,400	56,854	(15,454)	-27.2%	41,400	56,854	(15,454)	-27.2%
4 Other revenues	2,479,646	119,203	2,360,443	1980.2%	2,479,646	119,203	2,360,443	1980.2%
5 Total operating revenues	21,358,014	13,750,462	7,607,552	55.3%	21,358,014	13,750,462	7,607,552	55.3%
Operating Expenses:								
6 Power and pumping	(182,136)	4,187,404	(4,369,540)	-104.3%	(182,136)	4,187,404	(4,369,540)	-104.3%
7 Treatment	11,631	3,360,722	(3,349,091)	-99.7%	11,631	3,360,722	(3,349,091)	-99.7%
8 Transmission and distribution	698,610	2,340,061	(1,641,451)	-70.1%	698,610	2,340,061	(1,641,451)	-70.1%
9 Customer accounts	(133,455)	324,383	(457,838)	-141.1%	(133,455)	324,383	(457,838)	-141.1%
10 Customer service	(121,403)	261,144	(382,547)	-146.5%	(121,403)	261,144	(382,547)	-146.5%
11 Administration and general	1,402,021	3,318,284	(1,916,263)	-57.7%	1,402,021	3,318,284	(1,916,263)	-57.7%
12 Payroll related	1,063,969	3,212,499	(2,148,530)	-66.9%	1,063,969	3,212,499	(2,148,530)	-66.9%
13 Maintenance of general plant	105,296	1,968,256	(1,862,960)	-94.7%	105,296	1,968,256	(1,862,960)	-94.7%
14 Depreciation	4,954,113	3,936,070	1,018,043	25.9%	4,954,113	3,936,070	1,018,043	25.9%
15 Amortization	-	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	276,460	184,570	91,890	49.8%	276,460	184,570	91,890	49.8%
17 Provision for claims	22,002	282,866	(260,864)	-92.2%	22,002	282,866	(260,864)	-92.2%
18 Total operating expenses	8,097,107	23,376,259	(15,279,153)	-65.4%	8,097,107	23,376,259	(15,279,153)	-65.4%
19 Operating income (loss)	13,260,908	(9,625,797)	22,886,705	-237.8%	13,260,908	(9,625,797)	22,886,705	-237.8%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	39,720	-	39,720	0.0%	39,720	-	39,720	0.0%
22 Six-mill tax	33,742	-	33,742	0.0%	33,742	-	33,742	0.0%
23 Nine-mill tax	50,578	-	50,578	0.0%	50,578	-	50,578	0.0%
24 Interest income	339,650	74,995	264,654	352.9%	339,650	74,995	264,654	352.9%
25 Other Income	-	-	-	0.0%	-	-	-	0.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	(38)	62	(100)	-161.4%	(38)	62	(100)	-161.4%
28 Total non-operating revenues	463,652	75,057	388,595	517.7%	463,652	75,057	388,595	517.7%
29 Income before capital contributions	13,724,559	(9,550,740)	23,275,300	-243.7%	13,724,559	(9,550,740)	23,275,300	-243.7%
30 Capital contributions	805,443	251,731	553,712	220.0%	805,443	251,731	553,712	220.0%
31 Change in net position	14,530,002	(9,299,009)	23,829,011	-256.3%	14,530,002	(9,299,009)	23,829,011	-256.3%
32 Net position, beginning of year	2,263,264,196	2,263,264,196	-	0.0%	2,263,264,196	2,263,264,196	-	0.0%
33 Net position, end of year	2,277,794,195	2,253,965,187	23,829,008	1.1%	2,277,794,195	2,253,965,187	23,829,008	1.1%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
January 2019 Prelim

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Budget	MTD Variance	%	YTD Actual	YTD Budget	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	8,045,897	8,699,383	(653,486)	-7.5%	8,045,897	8,699,383	(653,486)	-7.5%
2 Sewerage service charges and del fees	10,791,071	10,647,154	143,917	1.4%	10,791,071	10,647,154	143,917	1.4%
3 Plumbing inspection and license fees	41,400	50,380	(8,980)	-17.8%	41,400	50,380	(8,980)	-17.8%
4 Other revenues	2,479,646	40,623	2,439,023	6004.0%	2,479,646	40,623	2,439,023	6004.0%
5 Total operating revenues	21,358,014	19,437,540	1,920,474	9.9%	21,358,014	19,437,540	1,920,474	9.9%
Operating Expenses:								
6 Power and pumping	(182,136)	2,973,019	(3,155,155)	-106.1%	(182,136)	2,973,019	(3,155,155)	-106.1%
7 Treatment	11,631	2,079,897	(2,068,266)	-99.4%	11,631	2,079,897	(2,068,266)	-99.4%
8 Transmission and distribution	698,610	3,691,912	(2,993,302)	-81.1%	698,610	3,691,912	(2,993,302)	-81.1%
9 Customer accounts	(133,455)	513,844	(647,300)	-126.0%	(133,455)	513,844	(647,300)	-126.0%
10 Customer service	(121,403)	425,314	(546,717)	-128.5%	(121,403)	425,314	(546,717)	-128.5%
11 Administration and general	1,402,021	4,607,670	(3,205,649)	-69.6%	1,402,021	4,607,670	(3,205,649)	-69.6%
12 Payroll related	1,063,969	3,088,724	(2,024,755)	-65.6%	1,063,969	3,088,724	(2,024,755)	-65.6%
13 Maintenance of general plant	105,296	2,439,844	(2,334,548)	-95.7%	105,296	2,439,844	(2,334,548)	-95.7%
14 Depreciation	4,954,113	4,988,917	(34,804)	-0.7%	4,954,113	4,988,917	(34,804)	-0.7%
15 Amortization	-	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	276,460	-	276,460	0.0%	276,460	-	276,460	0.0%
17 Provision for claims	22,002	327,181	(305,179)	-93.3%	22,002	327,181	(305,179)	-93.3%
18 Total operating expenses	8,097,107	25,136,321	(17,039,214)	-67.8%	8,097,107	25,136,321	(17,039,214)	-67.8%
19 Operating income (loss)	13,260,908	(5,698,780)	18,959,688	-332.7%	13,260,908	(5,698,780)	18,959,688	-332.7%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	39,720	1,459,579	(1,419,859)	-97.3%	39,720	1,459,579	(1,419,859)	-97.3%
22 Six-mill tax	33,742	1,382,106	(1,348,364)	-97.6%	33,742	1,382,106	(1,348,364)	-97.6%
23 Nine-mill tax	50,578	2,187,819	(2,137,241)	-97.7%	50,578	2,187,819	(2,137,241)	-97.7%
24 Interest income	339,650	-	339,650	0.0%	339,650	-	339,650	0.0%
25 Other Income	-	148,462	(148,462)	-100.0%	-	148,462	(148,462)	-100.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	(38)	376,923	(376,961)	-100.0%	(38)	376,923	(376,961)	-100.0%
28 Total non-operating revenues	463,652	5,554,889	(5,091,238)	-91.7%	463,652	5,554,889	(5,091,238)	-91.7%
29 Income before capital contributions	13,724,559	(143,891)	13,868,450	-9638.2%	13,724,559	(143,891)	13,868,450	-9638.2%
30 Capital contributions	805,443	-	805,443	0.0%	805,443	-	805,443	0.0%
31 Change in net position	14,530,002	(143,891)	14,673,893	-10197.9%	14,530,002	(143,891)	14,673,893	-10197.9%
32 Net position, beginning of year	-	-	-	-	2,263,264,196	2,263,264,196	-	0.0%
33 Net position, end of year	-	-	-	-	2,277,794,198	2,263,120,305	14,673,893	0.6%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
January 2019 Prelim

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Prior Year	MTD Variance	%	YTD Actual	YTD Prior Year	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	8,045,897	6,081,067	1,964,830	32.3%	8,045,897	6,081,067	1,964,830	32.3%
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%
3 Plumbing inspection and license fees	20,700	28,452	(7,752)	-27.2%	20,700	28,452	(7,752)	-27.2%
4 Other revenues ¹	168,812	97,475	71,338	73.2%	168,812	97,475	71,338	73.2%
5 Total operating revenues	8,235,409	6,206,994	2,028,416	32.7%	8,235,409	6,206,994	2,028,416	32.7%
Operating Expenses:								
6 Power and pumping	(82,409)	226,609	(309,018)	-136.4%	(82,409)	226,609	(309,018)	-136.4%
7 Treatment	57,181	646,604	(589,423)	-91.2%	57,181	646,604	(589,423)	-91.2%
8 Transmission and distribution	690,719	1,157,435	(466,716)	-40.3%	690,719	1,157,435	(466,716)	-40.3%
9 Customer accounts	(82,172)	161,391	(243,563)	-150.9%	(82,172)	161,391	(243,563)	-150.9%
10 Customer service	(76,146)	128,614	(204,760)	-159.2%	(76,146)	128,614	(204,760)	-159.2%
11 Administration and general	583,283	1,175,400	(592,117)	-50.4%	583,283	1,175,400	(592,117)	-50.4%
12 Payroll related	418,031	1,171,483	(753,452)	-64.3%	418,031	1,171,483	(753,452)	-64.3%
13 Maintenance of general plant	11,096	1,089,363	(1,078,267)	-99.0%	11,096	1,089,363	(1,078,267)	-99.0%
14 Depreciation	1,018,043	-	1,018,043	0.0%	1,018,043	-	1,018,043	0.0%
15 Amortization	0	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	154,529	95,834	58,695	61.2%	154,529	95,834	58,695	61.2%
17 Provision for claims	8,801	110,741	(101,940)	-92.1%	8,801	110,741	(101,940)	-92.1%
18 Total operating expenses	2,700,956	5,963,474	(3,262,517)	-54.7%	2,700,956	5,963,474	(3,262,517)	-54.7%
19 Operating income (loss)	5,534,453	243,520	5,290,933	2172.7%	5,534,453	243,520	5,290,933	2172.7%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%
24 Interest income	143,185	47,569	95,616	201.0%	143,185	47,569	95,616	201.0%
25 Other Income	-	-	-	0.0%	-	-	-	0.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	(38)	17	(55)	-323.5%	(38)	17	(55)	-323.5%
28 Total non-operating revenues	143,147	47,586	95,561	200.8%	143,147	47,586	95,561	200.8%
29 Income before capital contributions	5,677,600	291,106	5,386,494	1850.4%	5,677,600	291,106	5,386,494	1850.4%
30 Capital contributions	133,849	221,390	(87,541)	-39.5%	133,849	221,390	(87,541)	-39.5%
31 Change in net position	5,811,449	512,496	5,298,953	1034.0%	5,811,449	512,496	5,298,953	1034.0%
32 Net position, beginning of year					350,193,318	350,193,318	-	0.0%
33 Net position, end of year					356,004,767	350,705,814	5,298,953	1.5%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
January 2019 Prelim

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Budget	MTD Variance	%	YTD Actual	YTD Budget	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	8,045,897	8,699,383	(653,486)	-7.5%	8,045,897	8,699,383	(653,486)	-7.5%
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%
3 Plumbing inspection and license fees	20,700	26,557	(5,857)	-22.1%	20,700	26,557	(5,857)	-22.1%
4 Other revenues ¹	168,812	20,530	148,282	722.3%	168,812	20,530	148,282	722.3%
5 Total operating revenues	8,235,409	8,746,471	(511,061)	-5.8%	8,235,409	8,746,471	(511,061)	-5.8%
Operating Expenses:								
6 Power and pumping	(82,409)	203,569	(285,978)	-140.5%	(82,409)	203,569	(285,978)	-140.5%
7 Treatment	57,181	864,328	(807,147)	-93.4%	57,181	864,328	(807,147)	-93.4%
8 Transmission and distribution	690,719	1,712,244	(1,021,525)	-59.7%	690,719	1,712,244	(1,021,525)	-59.7%
9 Customer accounts	(82,172)	255,719	(337,891)	-132.1%	(82,172)	255,719	(337,891)	-132.1%
10 Customer service	(76,146)	209,805	(285,951)	-136.3%	(76,146)	209,805	(285,951)	-136.3%
11 Administration and general	583,283	1,555,394	(972,111)	-62.5%	583,283	1,555,394	(972,111)	-62.5%
12 Payroll related	418,031	1,199,897	(781,865)	-65.2%	418,031	1,199,897	(781,865)	-65.2%
13 Maintenance of general plant	11,096	1,102,523	(1,091,427)	-99.0%	11,096	1,102,523	(1,091,427)	-99.0%
14 Depreciation	1,018,043	1,329,750	(311,707)	-23.4%	1,018,043	1,329,750	(311,707)	-23.4%
15 Amortization	-	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	154,529	-	154,529	0.0%	154,529	-	154,529	0.0%
17 Provision for claims	8,801	120,039	(111,238)	-92.7%	8,801	120,039	(111,238)	-92.7%
18 Total operating expenses	2,700,956	8,553,268	(5,852,311)	-68.4%	2,700,956	8,553,268	(5,852,311)	-68.4%
19 Operating income (loss)	5,534,453	193,203	5,341,250	2764.6%	5,534,453	193,203	5,341,250	2764.6%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%
24 Interest income	143,185	-	143,185	0.0%	143,185	-	143,185	0.0%
25 Other Income	-	104,090	(104,090)	-100.0%	-	104,090	(104,090)	-100.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	(38)	113,077	(113,115)	-100.0%	(38)	113,077	(113,115)	-100.0%
28 Total non-operating revenues	143,147	217,167	(74,020)	-34.1%	143,147	217,167	(74,020)	-34.1%
29 Income before capital contributions	5,677,600	410,369	5,267,230	1283.5%	5,677,600	410,369	5,267,230	1283.5%
30 Capital contributions	133,849	-	133,849	0.0%	133,849	-	133,849	0.0%
31 Change in net position	5,811,449	410,369	5,401,079	1316.2%	5,811,449	410,369	5,401,079	1316.2%
32 Net position, beginning of year	-	-	-	0.0%	350,193,318	350,193,318	-	0.0%
33 Net position, end of year	-	-	-	1.5%	356,004,767	350,603,687	5,401,079	1.5%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
January 2019 Prelim

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Prior Year	MTD Variance	%	YTD Actual	YTD Prior Year	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%
2 Sewerage service charges and del fees	10,791,071	7,493,338	3,297,733	44.0%	10,791,071	7,493,338	3,297,733	11610.9%
3 Plumbing inspection and license fees	20,700	28,402	(7,702)	-27.1%	20,700	28,402	(7,702)	-10.8%
4 Other revenues	49,036	71,012	(21,976)	-30.9%	49,036	71,012	(21,976)	-0.3%
5 Total operating revenues	10,860,807	7,592,752	3,268,055	43.0%	10,860,807	7,592,752	3,268,055	43.0%
Operating Expenses:								
6 Power and pumping	(51,075)	509,443	(560,518)	-110.0%	(51,075)	509,443	(560,518)	-110.0%
7 Treatment	(45,550)	2,714,118	(2,759,668)	-101.7%	(45,550)	2,714,118	(2,759,668)	-101.7%
8 Transmission and distribution	23,568	894,826	(871,259)	-97.4%	23,568	894,826	(871,259)	-97.4%
9 Customer accounts	(51,283)	161,390	(212,674)	-131.8%	(51,283)	161,390	(212,674)	-131.8%
10 Customer service	(45,257)	128,613	(173,871)	-135.2%	(45,257)	128,613	(173,871)	-135.2%
11 Administration and general	658,525	1,442,512	(783,988)	-54.3%	658,525	1,442,512	(783,988)	-54.3%
12 Payroll related	448,920	1,172,346	(723,426)	-61.7%	448,920	1,172,346	(723,426)	-61.7%
13 Maintenance of general plant	90,448	525,318	(434,871)	-82.8%	90,448	525,318	(434,871)	-82.8%
14 Depreciation	1,968,320	1,968,320	(0)	0.0%	1,968,320	1,968,320	(0)	0.0%
15 Amortization	-	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	121,931	88,736	33,195	37.4%	121,931	88,736	33,195	37.4%
17 Provision for claims	8,801	110,641	(101,840)	-92.0%	8,801	110,641	(101,840)	-92.0%
18 Total operating expenses	3,127,344	9,716,264	(6,588,919)	-67.8%	3,127,344	9,716,264	(6,588,919)	-67.8%
19 Operating income (loss)	7,733,463	(2,123,512)	9,856,975	-464.2%	7,733,463	(2,123,512)	9,856,975	-464.2%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%
24 Interest income	196,361	21,987	174,374	793.1%	196,361	21,987	174,374	793.1%
25 Other Income	-	-	-	0.0%	-	-	-	0.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	-	45	(45)	-100.0%	-	45	(45)	-100.0%
28 Total non-operating revenues	196,361	22,032	174,329	791.2%	196,361	22,032	174,329	791.2%
29 Income before capital contributions	7,929,824	(2,101,480)	10,031,304	-477.3%	7,929,824	(2,101,480)	10,031,304	-477.3%
30 Capital contributions	671,594	30,341	641,253	2113.5%	671,594	30,341	641,253	2113.5%
31 Change in net position	8,601,418	(2,071,138)	10,672,556	-515.3%	8,601,418	(2,071,138)	10,672,556	-515.3%
32 Net position, beginning of year	-	-	-	-	806,855,738	806,855,738	-	0.0%
33 Net position, end of year	-	-	-	-	815,457,156	804,784,600	10,672,556	1.3%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
January 2019 Prelim

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Budget	MTD Variance	%	YTD Actual	YTD Budget	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%
2 Sewerage service charges and del fees	10,791,071	10,647,154	143,917	1.4%	10,791,071	10,647,154	143,917	1.4%
3 Plumbing inspection and license fees	20,700	23,823	(3,123)	-13.1%	20,700	23,823	(3,123)	-13.1%
4 Other revenues	49,036	20,093	28,943	144.0%	49,036	20,093	28,943	144.0%
5 Total operating revenues	10,860,807	10,691,070	169,737	1.6%	10,860,807	10,691,070	169,737	1.6%
Operating Expenses:								
6 Power and pumping	(51,075)	348,534	(399,609)	-114.7%	(51,075)	348,534	(399,609)	-114.7%
7 Treatment	(45,550)	1,215,569	(1,261,119)	-103.7%	(45,550)	1,215,569	(1,261,119)	-103.7%
8 Transmission and distribution	23,568	1,623,078	(1,599,510)	-98.5%	23,568	1,623,078	(1,599,510)	-98.5%
9 Customer accounts	(51,283)	255,719	(307,002)	-120.1%	(51,283)	255,719	(307,002)	-120.1%
10 Customer service	(45,257)	209,805	(255,062)	-121.6%	(45,257)	209,805	(255,062)	-121.6%
11 Administration and general	658,525	2,062,571	(1,404,047)	-68.1%	658,525	2,062,571	(1,404,047)	-68.1%
12 Payroll related	448,920	1,276,295	(827,375)	-64.8%	448,920	1,276,295	(827,375)	-64.8%
13 Maintenance of general plant	90,448	856,112	(765,664)	-89.4%	90,448	856,112	(765,664)	-89.4%
14 Depreciation	1,968,320	1,863,333	104,987	5.6%	1,968,320	1,863,333	104,987	5.6%
15 Amortization	-	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	121,931	-	121,931	0.0%	121,931	-	121,931	0.0%
17 Provision for claims	8,801	120,039	(111,238)	-92.7%	8,801	120,039	(111,238)	-92.7%
18 Total operating expenses	3,127,344	9,831,054	(6,703,710)	-68.2%	3,127,344	9,831,054	(6,703,710)	-68.2%
19 Operating income (loss)	7,733,463	860,016	6,873,447	799.2%	7,733,463	860,016	6,873,447	799.2%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%
24 Interest income	196,361	-	196,361	0.0%	196,361	-	196,361	0.0%
25 Other Income	-	42,712	(42,712)	-100.0%	-	42,712	(42,712)	-100.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	-	188,462	(188,462)	-100.0%	-	188,462	(188,462)	-100.0%
28 Total non-operating revenues	196,361	231,174	(34,813)	-15.1%	196,361	231,174	(34,813)	-15.1%
29 Income before capital contributions	7,929,824	1,091,189	6,838,634	626.7%	7,929,824	1,091,189	6,838,634	626.7%
30 Capital contributions	671,594	-	671,594	0.0%	671,594	-	671,594	0.0%
31 Change in net position	8,601,418	1,091,189	7,510,228	688.3%	8,601,418	1,091,189	7,510,228	688.3%
32 Net position, beginning of year	-	-	-	-	806,855,738	806,855,738	-	0.0%
33 Net position, end of year	-	-	-	-	815,457,156	807,946,927	7,510,228	0.9%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
January 2019 Prelim

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Prior Year	MTD Variance	%	YTD Actual	YTD Prior Year	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%
4 Other revenues	2,261,798	(49,283)	2,311,081	-4689.4%	2,261,798	(49,283)	2,311,081	-4689.4%
5 Total operating revenues	2,261,798	(49,283)	2,311,081	-4689.4%	2,261,798	(49,283)	2,311,081	-4689.4%
Operating Expenses:								
6 Power and pumping	(48,652)	3,451,352	(3,500,004)	-101.4%	(48,652)	3,451,352	(3,500,004)	-101.4%
7 Treatment	-	-	-	0.0%	-	-	-	0.0%
8 Transmission and distribution	(15,677)	287,800	(303,476)	-105.4%	(15,677)	287,800	(303,476)	-105.4%
9 Customer accounts	-	1,601	(1,601)	-100.0%	-	1,601	(1,601)	-100.0%
10 Customer service	-	3,917	(3,917)	-100.0%	-	3,917	(3,917)	-100.0%
11 Administration and general	160,213	700,372	(540,158)	-77.1%	160,213	700,372	(540,158)	-77.1%
12 Payroll related	197,018	868,670	(671,652)	-77.3%	197,018	868,670	(671,652)	-77.3%
13 Maintenance of general plant	3,752	353,575	(349,823)	-98.9%	3,752	353,575	(349,823)	-98.9%
14 Depreciation	1,967,750	1,967,750	(0)	0.0%	1,967,750	1,967,750	(0)	0.0%
15 Amortization	-	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	-	-	-	0.0%	-	-	-	0.0%
17 Provision for claims	4,400	61,484	(57,084)	-92.8%	4,400	61,484	(57,084)	-92.8%
18 Total operating expenses	2,268,806	7,696,522	(5,427,716)	-70.5%	2,268,806	7,696,522	(5,427,716)	-70.5%
19 Operating income (loss)	(7,008)	(7,745,805)	7,738,797	-99.9%	(7,008)	(7,745,805)	7,738,797	-99.9%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	39,720	-	39,720	0.0%	39,720	-	39,720	0.0%
22 Six-mill tax	33,742	-	33,742	0.0%	33,742	-	33,742	0.0%
23 Nine-mill tax	50,578	-	50,578	0.0%	50,578	-	50,578	0.0%
24 Interest income	104	5,439	(5,335)	-98.1%	104	5,439	(5,335)	-98.1%
25 Other Income	-	-	-	0.0%	-	-	-	0.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%
28 Total non-operating revenues	124,144	5,439	118,705	2182.5%	124,144	5,439	118,705	2182.5%
29 Income before capital contributions	117,136	(7,740,366)	7,857,502	-101.5%	117,136	(7,740,366)	7,857,502	-101.5%
30 Capital contributions	-	-	-	0.0%	-	-	-	0.0%
31 Change in net position	117,136	(7,740,366)	7,857,502	-101.5%	117,136	(7,740,366)	7,857,502	-101.5%
32 Net position, beginning of year	-	-	-	-	1,106,215,140	1,106,215,140	-	0.0%
33 Net position, end of year	-	-	-	-	1,106,332,276	1,098,474,774	7,857,502	0.7%

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
January 2019 Prelim

	A	B	C	D	E	F	G	H
	MTD Actual	MTD Budget	MTD Variance	%	YTD Actual	YTD Budget	YTD Variance	%
Operating revenues:								
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%
4 Other revenues	2,261,798	-	2,261,798	100.0%	2,261,798	-	2,261,798	100.0%
5 Total operating revenues	2,261,798	-	2,261,798	100.0%	2,261,798	-	2,261,798	100.0%
Operating Expenses:								
6 Power and pumping	(48,652)	2,420,916	(2,469,568)	-102.0%	(48,652)	2,420,916	(2,469,568)	-102.0%
7 Treatment	-	-	-	0.0%	-	-	-	0.0%
8 Transmission and distribution	(15,677)	356,590	(372,266)	-104.4%	(15,677)	356,590	(372,266)	-104.4%
9 Customer accounts	-	2,407	(2,407)	-100.0%	-	2,407	(2,407)	-100.0%
10 Customer service	-	5,704	(5,704)	-100.0%	-	5,704	(5,704)	-100.0%
11 Administration and general	160,213	989,704	(829,491)	-83.8%	160,213	989,704	(829,491)	-83.8%
12 Payroll related	197,018	612,533	(415,514)	-67.8%	197,018	612,533	(415,514)	-67.8%
13 Maintenance of general plant	3,752	481,209	(477,456)	-99.2%	3,752	481,209	(477,456)	-99.2%
14 Depreciation	1,967,750	1,795,833	171,917	9.6%	1,967,750	1,795,833	171,917	9.6%
15 Amortization	-	-	-	0.0%	-	-	-	0.0%
16 Provision for doubtful accounts	-	-	-	0.0%	-	-	-	0.0%
17 Provision for claims	4,400	87,103	(82,703)	-94.9%	4,400	87,103	(82,703)	-94.9%
18 Total operating expenses	2,268,806	6,751,999	(4,483,193)	-66.4%	2,268,806	6,751,999	(4,483,193)	-66.4%
19 Operating income (loss)	(7,008)	(6,751,999)	6,744,991	-99.9%	(7,008)	(6,751,999)	6,744,991	-99.9%
Non-operating revenues (expense):								
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%
21 Three-mill tax	39,720	1,459,579	(1,419,859)	-97.3%	39,720	1,459,579	(1,419,859)	-97.3%
22 Six-mill tax	33,742	1,382,106	(1,348,364)	-97.6%	33,742	1,382,106	(1,348,364)	-97.6%
23 Nine-mill tax	50,578	2,187,819	(2,137,241)	-97.7%	50,578	2,187,819	(2,137,241)	-97.7%
24 Interest income	104	-	104	0.0%	104	-	104	0.0%
25 Other Income	-	1,660	(1,660)	-100.0%	-	1,660	(1,660)	-100.0%
26 Interest expense	-	-	-	0.0%	-	-	-	0.0%
27 Operating and maintenance grants	-	75,385	(75,385)	-100.0%	-	75,385	(75,385)	-100.0%
28 Total non-operating revenues	124,144	5,106,549	(4,982,405)	-97.6%	124,144	5,106,549	(4,982,405)	-97.6%
29 Income before capital contributions	117,136	(1,645,450)	1,762,586	-107.1%	117,136	(1,645,450)	1,762,586	-107.1%
30 Capital contributions	-	-	-	0.0%	-	-	-	0.0%
31 Change in net position	117,136	(1,645,450)	1,762,586	-107.1%	117,136	(1,645,450)	1,762,586	-107.1%
32 Net position, beginning of year	-	-	-	-	1,106,215,140	1,106,215,140	-	0.0%
33 Net position, end of year	-	-	-	-	1,106,332,276	1,104,569,690	1,762,586	0.2%

[illegible]

[illegible]

[illegible]

[illegible]

Sewerage and Water Board of New Orleans
Comparative Variance Indicators for Financial Results
Through January 2019

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

Green = Favorable Variance

Yellow = Unfavorable Variance / No Action Recommended

Red = Unfavorable Variance / Action Recommended

**GENERAL SUPERINTENDENT RECOMMENDATIONS
FOR THE MARCH 20, 2019 MEETING**

A. CONTRACT FINAL ACCEPTANCE. A listing of contract renewals for the month of February 2018 is included in the following report. A brief summary is attached for your review.

- Item 1 - R-045-2019 - EE-17-0007 - TEMPORARY GENERATOR
RENTAL AT STATION D
- R-002-2019 - CO-17-0010 - EMERGENCY REPAIRS FOR
TURBINE 3 Phase I
 - R-046-2019 - EE-17-0011 - FURNISHING SWITCHGEAR
EQUIPMENT FOR STG NO. 4
 - R-044-2019 - EE-17-0015 - EMD SCADA PROJECT
 - R-039-2019 - CO-17-0019 - EMERGENCY REPAIRS FOR
TURBINE 3 Phase II
 - R-040-2019 - ME 17-0020 - EMERGENCY TEMPORARY
GENERATORS AT 8 DRAINAGE UNDERPASS
STATIONS
 - R-031-2019 - CONTRACT 2126 - WATER MAIN POINT
REPAIR, WATER SERVICE CONNECTION,
WATER VALVE AND FIRE HYDRANT
REPLACEMENT AT VARIOUS SITES
THROUGHOUT ORLEANS PARISH
 - R-035-2019 - CONTRACT 2135 - EMERGENCY REPAIR
CONTRACT FOR WINTER FREEZE EVENT
(INGA) - WATER MAIN POINT REPAIR,
WATER SERVICE CONNECTION, WATER VALVE
AND FIRE HYDRANT REPLACEMENT AT
VARIOUS SITES THROUGHOUT ORLEANS
PARISH
 - R-032-2019 - CONTRACT 2136 - EMERGENCY REPAIR
CONTRACT FOR WINTER FREEZE EVENT
(INGA) - WATER MAIN POINT REPAIR,
WATER SERVICE CONNECTION, WATER VALVE
AND FIRE HYDRANT REPLACEMENT AT
VARIOUS SITES THROUGHOUT ORLEANS
PARISH

- R-029-2019 - CONTRACT 30203 - RESTORATION OF GRAVITY FLOW SEWER MAINS BY POINT REPAIR AT VARIOUS SITES THROUGHOUT ORLEANS PARISH
- R-041-2019 - ME 17-0023- ACCELERATED SCOPE ASSOCIATED WITH POWER EMERGENCY EVENT FOR CONTRACT 6259

**GENERAL SUPERINTENDENT RECOMMENDATIONS
REPORT OF FINAL ACCEPTANCE TO BE
CONSIDERED BY THE FINANCE AND ADMINISTRATION COMMITTEE
AND THE BOARD'S MEETING OF MARCH 20, 2019**

The final acceptance contracts for the month of February 2019 are as follows:

1.

REPORT OF FINAL ACCEPTANCE

PROPOSAL:

Contracts EE 17-0007, ME-17-0010, EE 17-0011, EE-17-0015, CO-17-0019, ME 17-0020, 2126, 2135, 2136, 30203 and ME 17-0023, be considered for acceptance.

EVALUATION:

EE-17-0007 - **ARCCO** - Temporary Generator Rental at Station D. Total Contract Bid \$8,912,736.68. Total Contract Expenditure \$8,574,997.40. Date Notice To Proceed Issued November 1, 2017. Date Work Accepted October 1, 2018. No DBE participation.

CO-17-0010 - **Siemens** - Emergency Repairs for Turbine 3 Phase I. Total Contract Bid \$500,000.00. Total Contract Expenditure \$3,403,054.75. Date Notice To Proceed Issued March 10, 2017. Date Work Accepted October 4, 2017.

EE-17-0011 - **POINT EIGHT POWER** - Furnishing Switchgear Equipment for STG No. 4. Total Contract Bid \$647,664.00. Total Contract Expenditure \$638,219.86. Date Notice To Proceed Issued November 1, 2017. Date Work Accepted May 31, 2018. There is no DBE participation.

EE-17-0015 - **ARCCO** - EMD SCADA Project. Total Contract Bid \$42,618.07. Total Contract Expenditure \$42,618.07. Date Notice To Proceed Issued November 1, 2017. Date Work Accepted May 31, 2018. There is no DBE participation.

CO-17-0019 - **Siemens** - Emergency Repairs for Turbine 3 Phase II. Total Contract Bid \$777,186.87. Total Contract Expenditure \$1,716,373.74. Date Notice To Proceed Issued November 8, 2017. Date Work Accepted May 31, 2018.

GENERAL SUPERINTENDENT RECOMMENDATIONS (CONT'D)

March 20, 2019

Page 2

ME 17-0020 - **Industrial & Mechanical Contractors, Inc.** - Emergency Temporary Generators at 8 Drainage Underpass Stations. Total Contract Bid \$623,841.16. Total Contract Expenditure \$917,482.40. Date Work Order Issued July 5, 2016. Date Work Accepted September 18, 2018. There is no DBE participation.

Contract 2126 - **Wallace Drennan** - Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites Throughout Orleans Parish. Total Contract Bid \$5,888,880.00. Total Contract Expenditure \$8,919,825.80. Date Work Order Issued July 19, 2016. The DBE Participation Goal is 36%. The DBE Participation Achieved is 36%.

Contract 2135 - **Boh Bros. Construction Co., LLC** - Emergency Repair Contract for Winter Freeze Event (INGA) - Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites Throughout Orleans Parish. Total Contract Bid \$1,772,290.00. Total Contract Expenditure \$1,707,848.63. Date Work Order Issued January 23, 2018. Date Work Accepted February 12, 2019. The DBE Participation Goal is 36%. The DBE Participation Achieved is 38.7%.

Contract 2136 - **Grady-Crawford Construction Co.** - Emergency Repair Contract for Winter Freeze Event (INGA) - Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites Throughout Orleans Parish. Total Contract Bid \$1,117,409.00. Total Contract Expenditure \$643,526.05. Date Work Order Issued January 23, 2018. Date Work Accepted January 4, 2019. The DBE Participation Goal is 36%. The DBE Participation Achieved is 18.7%.

Contract 30203 - **Wallace Drennan** - Restoration of Gravity Flow Sewer Mains by Point Repair at Various Sites Throughout Orleans Parish. Total Contract Bid \$3,866,992.00. Total Contract Expenditure \$11,912,776.80. Date Work Order Issued January 17, 2017. The DBE Participation Goal is 36%. The DBE Participation Achieved is 43.19%.

GENERAL SUPERINTENDENT RECOMMENDATIONS (CONT'D)

March 20, 2019

Page 3

ME 17-0023 - **Industrial & Mechanical Contractors, Inc.** - Accelerated Scope Associated with Power Emergency Event for Contract 6259. Total Contract Bid \$392,113.42. Total Contract Expenditure \$392,113.42. Date Work Order Issued December 6, 2017. Date Work Accepted September 18, 2018. The DBE Participation Goal is 36%. The DBE Participation Achieved is 18%.

RECOMMENDATION:

The above contracts are recommended for acceptance.

RT
RMAR19.GSR

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

March 20, 2019

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

The following represents Legal Department activities during the month of February 2019.

CIVIL SUITS FILED AGAINST BOARD:

New:

JESSICA BULLOCK V. SEWAGE AND WATER BOARD OF NEW ORLEANS, CITY OF NEW ORLEANS, ACE AMERICAN INSURANCE AND SIEMONE DAVENPORT, No. 19-00744, Civil District Court. In this case, plaintiff sued seeking judgment for damages and injuries allegedly sustained when her vehicle was struck by SWB vehicle at or near Franklin and Mirabeau Avenues on or about January 25, 2018.

CASONDRA PROPERTY, INC. V. SEWERAGE AND WATER BOARD OF NEW ORLEANS, No. 19-01176, Civil District Court. In this case, plaintiff filed Petition for Temporary Restraining Order, Preliminary and Permanent Injunction in connection with water account.

JOSEPH STEBBINS INDIVIDUALLY AND ON BEHALF OF CLASSIC CONSTRUCTION OF NEW ORLEANS CONSTANCE LOFTS, LLC V. NEW ORLEANS SEWERAGE AND WATER BOARD, No. 19-00581, Civil District Court. In this case, plaintiff sued seeking judgment for reimbursement of overpayment for sprinkler services which were never provided due to supply valve for meter being capped off.

DAVID WARREN V. SEWERAGE & WATER BOARD OF NEW ORLEANS, No. 19-01711, Civil District Court. In this case, plaintiff sued seeking judgment for damages to property at 8519-21 and 8537 South Claiborne Avenue allegedly sustained due to SELA activities.

Terminated:

JOSEPHINE RANKINS, individually and on behalf of minor son, KAREEM RANKINS V. SEWERAGE AND WATER BOARD OF NEW ORLEANS AND THE CITY OF NEW ORLEANS, No. 96-09857, Civil District Court. In this case, plaintiffs sued seeking judgment for injuries allegedly sustained by the minor when he fell through a sewage grate in the paved portion of Saratoga Street

near Louisiana Avenue, on or about June 19, 1995. A review of the file indicated no activity for a period of three (3) or more years. Accordingly, a Motion to Dismiss for Want of Prosecution was filed and granted, dismissing the Board with **no monetary contribution**. The file will be closed on that basis.

Respectfully submitted,



YOLANDA Y. GRINSTEAD
SPECIAL COUNSEL

YYG:mkt

n:\monthly reports\2019\03.20.19.doc

Project Delivery Unit
February 2019 Closeout Snapshot

Hurricane Katrina	Project Count	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
St. Joseph Headquarters	20	\$ 2,225,704.82	\$ 1,402,516.25	\$ 823,188.57	63%	19	\$ 1,125,107.83	\$ 2,097,797.83	14	\$ 462,456.56	95%	70%	5	\$ 662,651.27
Central Yard	42	\$ 27,887,826.99	\$ 26,091,746.53	\$ 1,796,080.46	94%	40	\$ 26,878,083.94	\$ 25,526,083.94	24	\$ 5,996,585.46	95%	57%	16	\$ 20,721,762.40
Wastewater Treatment Plant	128	\$ 89,554,400.50	\$ 76,414,023.78	\$ 13,140,376.72	85%	127	\$ 83,689,892.50	\$ 80,279,515.50	110	\$ 29,296,472.53	99%	86%	17	\$ 54,393,419.97
Carrollton Water Plant	55	\$ 75,901,500.33	\$ 64,804,890.93	\$ 11,096,609.40	85%	53	\$ 14,329,381.73	\$ 14,623,581.73	42	\$ 7,641,954.18	96%	76%	11	\$ 6,687,427.55
Distribution Network	27	\$ 196,982,528.55	\$ 160,803,340.41	\$ 36,179,188.14	82%	25	\$ 116,490,014.08	\$ 120,757,419.08	14	\$ 27,889,519.69	93%	52%	11	\$ 88,600,494.39
JIRR	2	\$ 268,448,968.15	\$ 3,369,867.79	\$ 265,079,100.36	1%	0	\$ -		0	\$ -	0%	0%	0	\$ -
Donors	53	\$ 68,387,383.70	\$ 54,362,188.51	\$ 14,025,195.19	79%	8	\$ 1,475,310.81	\$ 1,386,443.81	0	\$ -	15%	0%	8	\$ 1,475,310.81
Pump Stations	166	\$ 81,395,538.77	\$ 70,596,429.99	\$ 10,799,108.78	87%	156	\$ 69,320,507.50	\$ 71,383,756.50	134	\$ 42,732,866.34	94%	81%	22	\$ 26,587,641.16
Total	493	\$ 810,783,851.81	\$ 457,845,004.19	\$ 352,938,847.62	56%	428	\$ 313,308,298.39	\$ 316,054,598.39	338	\$ 114,019,854.76	87%	69%	90	\$ 199,128,707.55

Hurricane Gustav	Project Count	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Total	9	\$ 667,553.90	\$ 668,689.06	\$ (1,135.16)	100%	9	\$ 667,553.90	\$ 667,553.90	7	\$ 408,300.78	100%	78%	2	\$ 259,253.12

Hurricane Isaac	Project Count	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Total	8	\$ 1,554,775.01	\$ 955,019.44	\$ 599,755.57	61%	1	\$ 4,540.20	\$ 4,540.20	1	\$ 4,540.20	13%	13%	0	\$ -

Tropical Storm Nate	Project Count	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Total	2	\$ 439,728.39	\$ -	\$ 439,728.39	0%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -

Hurricane Katrina Hazard Mitigation	HMGP No.	Contract Count	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Contracts Completed	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Retrofit of Power House	39	10	\$ 109,204,525.00	\$ 96,315,321.74	\$ 12,889,203.26	88%	2	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Flood Mitigation of 9 SPS	6	9	\$ 19,987,722.00	\$ 19,076,237.25	\$ 911,484.75	95%	8	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Total		19	\$ 129,192,247.00	\$ 115,391,558.99	\$ 13,800,688.01	89%	10	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -

Hurricane Ike Hazard Mitigation	HMGP No.	Project Count	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Contracts Completed	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Five Underpass Generators	2	1	\$ 988,658.00	\$ 839,129.23	\$ 149,528.77	85%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Total		1	\$ 988,658.00	\$ 839,129.23	\$ 149,528.77	85%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -

TOTALS	FEMA Obligated	FEMA Revenue Received	FEMA Obligation Balance
	\$ 943,626,814.11	\$ 575,699,400.91	\$ 367,927,413.20



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: March 1, 2019

To: Ghassan Korban, Executive Director

Thru: Irma Plummer, EDBP Director

(CP)

From: Lyria Hicks, EDBP Compliance Officer

PH

Re: EDBP Department Summary - February 2019

ANALYSES CONDUCTED BY EDBP

For the month of February 2019, the EDBP Department received one (1) Goods and Services contract to review.

1. FURNISHING LIMESTONE – REQ NO. YW19-0003

On Thursday, February 21, 2019 one (1) bid was received for subject contract. The bid total is as follows:
MST Enterprises, LLC \$198,000.00

Twenty percent (20%) SLDBE participation was requested on this contract.

MST Enterprises, LLC, the sole bidder, submitted Trucking Innovation, LLC (Eligible – Certified SLDBE) to provide hauling of materials. Signed correspondence from the DBE on their own letterhead reaffirming negotiated terms was provided.

Total Participation: \$39,600.00 – 20.0%

Based upon analysis of SLDBE participation, the Economically Disadvantaged Business Program recommends that the SLDBE participation submitted by MST Enterprises, LLC, be considered as responsive to meeting EDBP bid requirements.

CONSTRUCTION REVIEW COMMITTEE RECOMMENDATIONS

The Construction Review Committee convened Thursday, February 14, 2019, and made the following recommendation:

OPEN MARKET CONTRACTS

1. Contract #2140 Algiers Lock Forebay Waterline Replacement

Budget Amount:	\$1,078,800.00
Recommended Percentage Goal:	2.00%
Renewal Option(s):	None

STAFF CONTRACT REVIEW COMMITTEE RECOMMENDATIONS

The Staff Contract Review Committee convened on Thursday, February 14, 2019, and made the following recommendations:

OPEN MARKET CONTRACTS

1. Furnishing Hand Tools, Hardware Supplies, Paint & Paint Supplies to S&WBNO

Budget Amount: \$320,000.00
Recommended Percentage Goal: 30.00%
Renewal Option(s): One (1) year renewal option

2. Furnishing Polyelectrolyte to Carrollton & Algiers Water Plants

Budget Amount: \$700,000.00
Recommended Percentage Goal: 0%
Justification: This product is manufactured and subsequently shipped by the manufacturer in specially lined pneumatic trailers to our facilities in dedicated transport equipment.
Renewal Option(s): One (1) year renewal option

3. Furnishing Brass Water Service Fittings to the S&WBNO

Budget Amount: \$600,000.00
Recommended Percentage Goal: 5.00%
Renewal Option(s): One (1) year renewal option

4. Furnishing Rubber PVC Knee Boots & Hip Boots

Budget Amount: \$240,000.00
Recommended Percentage Goal: 30.00%
Renewal Option(s): One (1) year renewal option

5. Proposal for Consulting Services for Backflow Prevention Program

Budget Amount: \$600,000.00
Recommended Percentage Goal: 10.00%
Renewal Option(s): Four (4) – one (1) year renewal options

RENEWAL CONTRACTS

6. Furnishing Hot Mix Asphalt

Budget Amount: \$116,750.00
Renewal Option: First and Final Renewal Option
Amount Spent: \$39,544.40
Percentage Goal: 0%
Prime Contractor: Barriere Construction Co.

7. 2015 Report on Operations

Budget Amount:	\$116,000.00
Renewal Option:	Third of four Renewal Options to Prepare 2018 Report on Operations
Amount Spent:	\$40,700.00 (Paid in 2018) invoices pending payment in 2019
Percentage Goal:	35.00%
Goal Achieved:	0%
Justification:	DBE's portion of work is scheduled for payment in 2019 based on the structure of the contract.
Prime Contractor:	Black & Veatch Management Consulting

FINAL ACCEPTANCE CONTRACTS with DBE PARTICIPATION

For the month of February 2019 there were Final Acceptance contracts with DBE participation to report.

1. Contract #2126: 2017 Water Main Point Repair, Water Service Connection, Water Valve, and Fire Hydrant Point Replacement at Various Sites throughout Orleans Parish

DBE Goal:	36.00%
DBE Participation Achieved:	47.62%
Prime Contractor:	Wallace C. Drennan, Inc.
Closeout Date:	February 2019

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

2. Contract #30203: Restoration of Gravity Flow Sanitary Sewers by Point Repair of Sewer Mains at Various Sites throughout the City of New Orleans

DBE Goal:	36.00%
DBE Participation Achieved:	46.56%
Prime Contractor:	Wallace C. Drennan, Inc.
Closeout Date:	February 2019

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

SUMMARY OF STATUS OF DBE PARTICIPATION AT THE TIME OF CLOSEOUT OF EMERGENCY CONTRACTS RELATED TO AUGUST 2017 RAIN EVENT

All emergency projects related to the August 2017 rain event received an aspirational goal of 10% DBE participation. However, several emergency projects subject to close out at this time were not tracked for DBE participation because of certain parameters that were outside of EDBP review. For example, projects that required accelerated execution; projects that were below the LA Uniform Public Bid Law threshold of \$154,450; and/or projects that did not have DBEs certified in the subcontracted areas.

Those projects are:

- CO-17-0010 – Turbine 3; Siemens, Extreme emergency
- CO-17-0019 – Turbine 3; Siemens, Extreme emergency

- EE 17-0007 – Rental Generators – Station D, AARCO, Extreme emergency
- EE 17-0011 – 6.6kv 3000A Switch Gear Replacement, Point Eight Power, Extreme Emergency
- EE 17-0015 – EMD SCADA, AARCO, Below \$154,450 threshold
- ME 17-0020 – Temporary Generator Rental @ Underpass Pumping Stations; Industrial and Mechanical Contractors, No DBE Certified in category of scope of project
- ME 17-0023 – Accelerated Scope of Work Associated with Cont #6259; Industrial and Mechanical Contractors, Extreme emergency

Note: Final Acceptance of other emergency projects related to the August Rain Event were submitted for review in August 2018.

All emergency projects related to the Winter Storm Inga received an aspirational goal of 36% DBE participation. However, due to the extreme emergency situation for the projects, and the expedience needed to execute and complete the scopes of work, significant consideration is given to Good Faith Effort.

- Cont #2135 Emergency Repair Contract for Winter Freeze Event (Inga) – Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites Throughout Orleans Parish;
Boh Bros,
65.06% DBE Participation achieved
- Cont #2136 – Emergency Repair Contract for Winter Freeze Event (Inga) – Water Main Point Repair, Water Service Connection, Water Valve and Fire Hydrant Replacement at Various Sites Throughout Orleans Parish;
Grady Crawford,
18.72% DBE Participation achieved.

An anticipated DBE was unable to participate, and because of emergency condition the prime did not have time to fill the gap with another DBE company

Sewerage & Water Board of New Orleans Contracts with DBE Participation February 2019

There was one (1) new contract to report for the month of February 2019. See report as follows:

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2019 - February 2019

Goods & Services Projects Awarded 2019

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	\$ Sub Paid	% DBE Sub Paid	Award date
YW19-0003 - Furnishing Limestone	20%	\$198,000.00	MST Enterprises,	Trucking Innovation, LLC		\$39,600.00	Contract not executed		2/21/2019
Total Goods & Services Projects		\$198,000.00			20%	\$39,600.00			