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# INFRASTRUCTURE ADVISORY BOARD

Paul Flower, Chair   David Gallo, Vice Chair   Neil Abramson, Secretary  
Elisa Speranza   David Kerstein   Karen Raymond   Chuck Morse

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September 26, 2024 | 2:00 pm

*Woodward Design + Build*  
*1000 S. Norman C. Francis Parkway, New Orleans LA, 70125*

## AGENDA

- I. Call to Order
- II. Approval of Agenda
- III. Approval of Minutes
- IV. Approval of Quarterly Report
- V. Presentation of Agenda
- VI. Presentations:
  - A. Fair Share Agreement Financial Update – City of New Orleans
  - B. Infrastructure Update – City of New Orleans, Department of Public Works
  - C. Infrastructure Update - Sewerage & Water Board of New Orleans
  - D. Drainage Consolidation Working Group Update
- VII. Public Comment
- VIII. Other Business
- IX. Adjournment

**MINUTES OF THE REGULAR MEETING OF THE  
INFRASTRUCTURE ADVISORY BOARD  
June 13, 2024**

The regular meeting of the Infrastructure Advisory Board (IAB) occurred on June 13, 2024 in-person at Woodward Design+Build – 2<sup>nd</sup> Floor, 1000 South Norman C. Francis Parkway, New Orleans, Louisiana.

The following IAB members were present:

1. Paul Flower, Chair
2. David Gallo, Vice-Chair
3. David Kerstein
4. Chuck Morse
5. Karen Raymond
6. Elisa Speranza

**REGULAR ORDER OF BUSINESS**

**Call to Order.** The Chair called the meeting to order at 2:00 p.m.

**Approval of Agenda.** The IAB unanimously approved the agenda.

**Approval of Minutes.** The IAB unanimously approved as written the minutes of the March 28, 2024 regular meeting.

**Approval of Quarterly Report.** The IAB unanimously approved the Quarterly Report, with an amendment to item I, which clarified the \$10M deferral would be held as a contingency and not released to the allocated projects until funding from the city is confirmed.

**Chairman's Remarks.** Paul Flower introduced new IAB members David Gallo, as Vice-Chair, and David Kerstein and thanked Bill Hammack and Casey Tingle for their years of service.

**Presentations.** In order of appearance:

**Eric Smith, Research and Special Projects Analyst for the Chief Administrative Office, City of New Orleans,** began by informing the Board that the technology bug resulting in under-reporting in the previous quarter had been fixed, resulting in corrected accounting. Mr. Smith presented revenue and allocations through May 2024. The City is seeing almost identical revenue collections from 2023 to 2024, which is in line with the estimates presented at the previous meeting and puts year end collections at an estimated \$22M, which includes the \$5M Sewerage and Water Board annual allocation.

Mr. Smith reported on the Downtown Development District's (DDD) green infrastructure project, stating that plans were finalized in February. Revisions are expected by August 2024, followed by a 90-day period for bidding and awarding contracts, with construction anticipated to start in Q4

2024. The project aims for partial completion by Super Bowl 2025, with construction phased between the Super Bowl and Mardi Gras to minimize tourism disruption. Ongoing coordination between DPW and SWBNO is addressing drainage line issues that impact the budget and timeline. The total construction cost is estimated at \$9.1M. Karen Raymond inquired about the costs related to demobilization and restarting work due to the Super Bowl, and Mr. Smith will seek an answer for the next meeting. David Gallo emphasized the importance of soliciting contractors to boost participation in the bidding process. Mr. Smith mentioned that similar projects often include pre-bid options and will follow up on the bidding status. David Kerstein asked about the project prioritization plan, to which Mr. Smith pledged to provide more data.

Mr. Smith also addressed questions about the Sankofa project in the Lower 9th Ward, clarifying that it is not funded by the city or IMF but focuses on drainage and water retention. The city owns parts of the land targeted for wetland restoration. The project begins at the intersection of the industrial and Florida canal and extends about a mile down the canal, aiming to reduce land subsidence and improve water quality. All funding has come from State capital outlay, with no city funds used. During the legislative session, Sankofa received an additional \$1M in State Bond Funding for 2024 and \$1.9M in P5 funding, enabling upcoming construction projects.

In 2024, the IAB allocated nearly \$21M to the City from the IMF, with \$1.2M designated for DPW personnel. This funding supports 38 positions, of which 17 are filled and 21 are vacant, with requisitions underway. These positions are intended to manage daily maintenance tasks, including pothole filling and emergency catch basin clean-outs.

Regarding catch basin cleaning, Mr. Smith reminded the Board that the notice to proceed was issued on February 14, 2024. Ten crews are working city-wide, having cleaned 3,200 catch basins and 360,800 linear feet of drain lines, removing nearly two million pounds of debris. The cleanout is expected to be finished by August, targeting a total of 750,000 linear feet and 5,559 catch basins. David Kerstein inquired about the cleaning methods, and Mr. Smith will find out what the subcontractor is using, noting that the estimated cost to clean the entire system is around \$100M.

**Steve Nelson, Deputy General Superintendent, Engineering and Services, SWBNO**, began his update with a report on paving progress. Mr. Nelson remarked on the significant impact of IAB funding on paving repairs, noting that SWBNO had requested \$4M to supplement paving efforts and as of the morning of the meeting the backlog has only 809 open cuts compared to 3,019 at the same time in 2023. The restoration timeline has dropped from 101 days to under 50 days. The goal remains to reduce backlog so that repairs can be made in 2-4 weeks. Mr. Nelson noted that this success has been due to available infrastructure and funding and estimates that with the \$8M received from the IAB, the SWBNO will eliminate the backlog this year. Elisa Speranza inquired about cross training to enable crews to make and repair holes on their own, Mr. Nelson explained that because each job is so specialized, there are dedicated crews for each though he noted that they have weekly teams to coordinate the process and eliminate excess work.

Mr. Nelson also updated the Board on the lead service line replacement program explaining that a publicly available service line inventory will be live by October 16, 2024. The compliance date of 2027 will start a 10-year clock to replace 100% of the lead service lines within our system. Mr. Nelson noted that a key issue is the delineation between public and private property explaining

that SWBNO does not have the right to work on private property as it is considered a donation of public funds, though there is legislation being introduced at the current session to resolve that issue because the State Bond Commission has approved \$84M in State Revolving Fund dollars to support the Lead Service Line Replacement Program, with the requirement that 100% of the lead pipes be replaced in their entirety.

Regarding pumping and power, Mr. Nelson noted that SWBNO is currently at 49 MW with 44 MW required for peak demand meaning that unless there is a major rainstorm that covers the majority of the area, there is enough power to run the required pumps with some redundancy. Regarding Turbine 4, Mr. Nelson noted that SWBNO will get the last of the parts in a shipment expected in the current week with installation taking place next week and testing of the Turbine the week after that. There is also an effort to bring back a fifth electro-motive Diesel's (EMD) by early July to aid during peak hurricane season. There are currently 91 of 99 pumps available which puts the old part of the city in a good place and allows SWBNO to shift focus to New Orleans East.

**Kaitlin Tymrak, Business Services and Program Management, General Superintendent's Office, SWBNO,** Regarding the West Power Complex, the foundations for the frequency changers have been laid, and the Entergy Substation work is complete. Contract 1420, previously funded by the IAB, was executed, and the NTP was issued on June 1. This contract is underway, aiming to bring the frequency changers online by June 2025, which will eliminate the need for Turbine 4. Paul Flower asked Ms. Tymrak if SWBNO had identified savings on specific line items during discussions with the vendor. She noted that while physical work had just begun and measurements were being taken, that information was not yet available, but she committed to updating the Board at the next meeting.

Ms. Tymrak reported that \$205M in SWBNO-managed contracts are in place to get the frequency changers online, with upcoming designs for the Operations Center, expanded switchgear, and potable water connections. She mentioned that SWBNO can design these elements now, but without an additional \$29M in funding, they cannot contract the work. Ms. Tymrak shared a graph illustrating the gap between current funding and the benefits of the additional \$29M, highlighting that while current funding mitigates risks related to drainage and the four primary power sources, it does not address risks on the water pumping side.

For the Power Complex – IMF Projects, three line items are identified: (1) \$4M for Turbine 7, (2) \$20M for Power Complex Integration + 2023/2024 Special Allocation, and (3) \$10M Supplemental Support for Phase 1 Installation Contract 1420, which will be reallocated to deferred projects after receiving \$21M in City funds.

**Rebecca Johnsey, Project Manager of Smart Metering, SWBNO,** provided a Smart Metering update to the board, reporting that to date SWBNO has replaced over 21,000 meters across the city using a demographically blind system to ensure an equitable distribution, and that the project remains on track to install approximately half of the Smartmeters by the end of 2024. Ms. Johnsey noted that the Customer Portal is set to be available by fall, allowing customers to track their usage in real time and allows for easy and quick communication with the customer service team. The installation team is doing a good job of informing customers of lead service lines identified during the installation process and internal training continues for use of all new software and use of data

across departments. External communications continue with the online dashboard with a map display showing where meters have been installed and where they are scheduled to be installed in the next three months. Ms. Johnsey noted that Smartmeter billing has officially begun and detailed the transition billing process explaining that they include both mechanical and smart meter data, but that any customers whose first Smartmeter bill is 20% or higher than their 12-month average were capped to not exceed 120% of that average. The reason for this transition bill is that the Smartmeters are extremely accurate compared to the current meters which are under-reading because of their age, and the anticipation is that small/residential meters will see a 10% increase on their bills. To date, 20,000 Smartmeter bills have been released through all 20 billing cycles. The billing Strike Team, a small internal and external team focused on the accuracy and success of the new billing system is currently working on their second round of bills.

Grey Lewis reported on Promise Pay | Customer Service Progress noting that since its launch in February over 8,800 Promise Pay payment plans have been activated with over \$2M in payments collected and a 94% retention rate showing a huge upgrade for not only customers but SWBNO as well. **Grey Lewis, Chief Financial Officer, SWBNO**, reported over \$65M revenue from Fair Share/IMF through April 2024. Expenditures include SELA Drainage Projects (\$3.5M), Sycamore Filter Gallery Rehab (\$2.4M), and West Power Complex (\$9.2M) and Accelerated Paving Contracts (\$4M). Mr. Lewis noted that there were no additional funding requests for the current quarter.

**Renée Lapeyrolerie, Chief of Staff, SWBNO**, provided a legislative update, announcing that Governor Landry signed HB 525, which prohibits estimated billing and includes fixed billing provisions effective January 1, 2025. She also discussed HB 965, allowing customers to opt for a fixed monthly rate and providing bill dispute resolution for each Council District. SWBNO is working to implement systems by these deadlines.

Additionally, Ms. Lapeyrolerie highlighted SB 305, which facilitates the consolidation and funding of the drainage system under SWBNO, though funding is still pending. During a recent meeting, the City Council requested an estimate for updating and maintaining the drainage system, which is projected to require \$25M annually to clean 20% of the system. Council Member Giarrusso suggested using traffic camera ticket revenue (estimated at \$10M) as a potential funding source, along with other options discussed.

In the same meeting focused on hurricane preparedness, the Council confirmed that the DPW manages minor drainage until a transfer date is established. Mr. Kerstein inquired about the consolidation between DPW and SWBNO, specifically how SWBNO assesses personnel needs. Mr. Nelson responded that the gravity drainage system is approximately the same size as the gravity sewer system, both around 1,600 miles, enabling SWBNO to clean about one million feet of sewer lines annually. He noted that the requirements for a capital improvement program remain uncertain and will need to be developed once the cleanup begins.

**Public Comment** There was no public comment.

#### **Other Business**

**Adjournment.** The IAB adjourned the meeting at 3:32 PM.

## **QUARTERLY REPORT OF THE INFRASTRUCTURE ADVISORY BOARD**

### **Second Quarter 2024**

In accordance with its obligations under Executive Order LC 19-02 issued by Mayor LaToya Cantrell on August 6, 2019, and the Cooperative Endeavor Agreement between the City of New Orleans (“City”) and the Sewerage and Water Board of New Orleans (“SWBNO”) dated July 7, 2020, the Infrastructure Advisory Board (“IAB”) respectfully submits this report of actions undertaken during the first quarter of 2024 and recommendations offered for the second quarter of 2024.

#### **I. IAB Meetings and Activities**

The IAB met once during the Second quarter of 2024, convening June 13 in person. The complete meeting packet and a full recording of the meetings is available at:

1. [Full Meeting Packet](#)
2. [Recording of the June 13, 2024 IAB Meeting](#)

The IAB continues to monitor Fair Share Agreement collections as well as the progress of recommended projects. The highlighted sections below are the portions of the report pertaining to the Second Quarter.

#### **Status of One-Time Funds**

The status of the Fair Share Agreement one-time funds is delineated in the City’s presentation in connection with the June 13, 2024 IAB meeting, available at:

[https://www2.swbno.org/documents/meetings/packets/packet\\_2184.pdf](https://www2.swbno.org/documents/meetings/packets/packet_2184.pdf)

#### **II. Status of Recurring Revenue Under the Fair Share Agreement**

The status of each revenue stream of the Fair Share Agreement is delineated in the City of New Orleans presentation, available at:

[https://www2.swbno.org/documents/meetings/packets/packet\\_2184.pdf](https://www2.swbno.org/documents/meetings/packets/packet_2184.pdf)

#### **III. IAB Project Recommendations for Use of Recurring Fair Share Agreement Funds**

The IAB works with SWBNO to identify the highest and best uses for recurring Fair Share Agreement funds, with attentiveness to short-term needs and projects that will contribute to the longer-term sustainability of the system. The projects approved for funding utilizing Fair Share Agreement revenues are set forth in the document incorporated in the packet linked above.

A. *Automated Metering Infrastructure (AMI)* – The IAB recommended utilizing up to \$1,500,000 from the IMF to support AMI implementation, including the short-term engagement of supplemental meter readers, to provide more consistent, timely, and accurate customer billing. Phase 1 of the AMI project was meant to include a survey of the entire existing water meter infrastructure and determination of the proper scope of the eventual AMI solution. Due to limited IMF proceeds, SWBNO downsized the scope of Phase 1, moving some aspects to Phase 2, to make the project more affordable in the near term. The rescoping resulted from SWBNO’s efforts to identify which aspects of Phase 1 will generate the greatest benefits. SWBNO does not expect the rescoping to affect full AMI implementation, which is anticipated to cost approximately \$40 million.

B. The rescoped meter survey is complete, as is a business process analysis of all related SWBNO functions. The vendor implementation RFP was released in December 2021, and seven vendors responded. The SWBNO selection committee met in April 2022 and awarded the contract to Aquametric. SWBNO Board of Directors approved the award in May, and, after overcoming a bid protest, the final contract was approved by the Board on December 14.

Phase 2 – “Deployment” – began in 2023. For Phase 2, the IAB recommended utilizing up to \$15,000,000 from the IMF to support deployment after the initial funding is exhausted. The Smart Meter program management team is prioritizing increased staffing for community outreach, installation of a SWBNO-owned network for signal transmission, and ordering meters and equipment to get ahead of anticipated supply chain delays. As of September 2023, sufficient network infrastructure has been installed to begin meter installation, integration with SWBNO’s billing system is underway, and commencement of a slow start of meter installations has occurred. The customer portal integration is planned to begin in Q1 2024 with deployment in Q3 2024. . The IAB has recommended utilizing an additional \$2,500,000 to the original \$1,500,000 for a total of \$4,000,000 recommendation to support the consultant contract to deliver AMI. A slow start of meter installations began in the fourth quarter with planned installations for roughly half of the meter population in the coming fiscal year. The slow start installation was designed to ensure that all processes and procedures were in place and operating as designed. It allowed for QA/QC and testing of all integrations ensuring data accuracy. Based on the City’s unique infrastructure and field conditions, it also allowed for lessons learned to be incorporated into standard operating procedures for use by the future larger staff of installers. The slow start began with approximately 100 installations a week in September and has ramped

up to 900 a week. Full pace installations are approximately 1250 per week (5000 per month) and should be on pace in Q2 2024. As of the end of Q1 2024 approximately 10,000 installations were completed with the expectation to install approximately 70,000 – 75,000 by the end of the year. The new Customer Portal which is being launched in connection with smart metering is schedule to be available for use in early Fall. As of Q2 2024, 21,000 meters have been replaced with smart metering and the pace continues to track towards roughly half the overall customer population being completed by year end. Billing from smart meters has commenced and approximately 3,000 leak detection letters have been sent to customers with immediate cost savings being realized by the customers and the Utility.

C. *Master Plan* – The IAB recommended utilizing up to \$500,000 from the IMF to support development of a Master Plan. The Master Plan constitutes the blueprint for SWBNO’s long-term, comprehensive, integrated, sustainable vision for managing the City’s water, sewer, and major drainage systems for years to come.

After a competitive proposal process, a contract for a Utility Strategic Plan—a critical step in the development of a comprehensive Master Plan—was awarded to a team led by Raftelis Financial Consultants, Inc. and approved by SWBNO Board of Directors on May 19, 2021. IAB Member Elisa Speranza served as a volunteer member of the evaluation committee.

Raftelis led an intensive and comprehensive process over the past six months that included SWBNO leadership, workforce, Board members, partner agencies and stakeholders. The strategic plan, which covers priorities, strategies and tasks for implementation over the next five years, was adopted by SWBNO Board of Directors in February. SWBNO leadership is sharing the plan with stakeholders and the community over the next several months.

Implementation of strategic plan tasks began in earnest in Q2, including identification and tracking of goal-related performance metrics. A public-facing dashboard reflecting progress toward goals was unveiled at the SWBNO Strategy Committee meeting last month and will be the primary tool for metric tracking moving forward.

Now that the Strategic Plan is complete, SWBNO will turn toward master planning efforts for each of its three systems (water, wastewater, drainage). The utility put out an RFP for a water system master plan, focusing on the renovation of the Carrollton and Algiers water purification plants, this year. Based on the results of the RFP, SWBNO has requested Fair Share funds of \$1,500,000 to support Water Master plan which was approved in December 2023. The Water Master plan commenced in April



with an expected 18–24-month duration with recommendations expected for investment in the treatment system considering the latest federal regulations and climate risks.

D. *Water Treatment Plant – Sycamore Filter Gallery* – This high-priority project is part of an effort to upgrade many aspects of the Carrollton and Algiers water treatment plants, for which SWBNO is seeking federal funding from the Infrastructure Investment and Jobs Act as well as the Water Sector Commission. Work on this project was substantially completed in the early fall. In December 2023, SWBNO requested and the IAB approved a Phase 2 allocation of \$3,000,000 to continue with similar work on the Sycamore Filter Gallery. As of Q2 2024, the Phase 2 work on the filter gallery continues to be underway with completion planned in late 2024.

E. *SELA Algiers Drainage Project* – The IAB recommended utilizing \$1,030,625 from the IMF to support the Algiers drainage project. As previously reported, SWBNO is participating in a federally funded SELA construction project improving Algiers drainage canals and increasing stormwater storage during rain events. As part of the agreement with the U.S. Army Corps of Engineers, SWBNO paid 5% of the project costs up-front, amounting to \$1,030,625; this unlocked approximately \$25 million in additional funding from the federal government. As the Corps continues to receive federal funding for this project, SWBNO is obligated to pay the matching 5% up-front cost. The IAB approved an additional \$2,486,836 for that payment in the second quarter of 2021.

F. *Stormwater Fee Study* – The IAB recommended utilizing up to \$250,000 from the IMF to support a Stormwater Fee Study. A stormwater fee study would include a full analysis of the rate structure, assessment methodology, affordability, equity, incentives, and timing of a potential stormwater management fee. This study will allow for the design of an equitable, sufficient, and reliable recurring revenue source to support New Orleans’ drainage infrastructure and the implementation of best management practices, including green infrastructure. At the behest and recommendation of the IAB and SWBNO, a group of dedicated business, civic, and community organizations have begun to work collaboratively on a plan to bring the stormwater management fee to fruition. To aid that effort, SWBNO has requested a substantive update to the 2016 stormwater fee feasibility report prepared by consultant Raftelis. A synopsis of the update was presented by Raftelis at the September 14 meeting and covered a general consensus on the need for additional funding, a phased in or gradual approach to transition over time to a more equitable

fee-based revenue stream and the need to raise capital through issuance of bonds to fund additional investments in the Drainage program using fee revenue to service new debt. In December 2023, SWBNO requested and the IAB approved \$200,000 to continue with the next phase of an expanded stormwater fee study which has been contracted also thru Raftelis and continued in the first quarter and second quarter of 2024.

G. *Turbine 7 (T7) Solution* – As part of an ongoing effort to address chronic shortfalls of availability of power generation to support SWBNO operations, the IAB recommended utilizing up to \$4,000,000 from the IMF to support a procurement of a new turbine dubbed “T7.”

T7, along with T6, will become the sources of backup power generation for the utility once the Entergy substation is constructed. In the meantime, T7 will replace the outdated steam turbine generators (T1 and T3) that have been decommissioned. Equipment, site preparation work, and installation of T7 is expected to cost approximately \$18 million to \$20 million. Funding for this project has been approved, and the environmental permitting process is complete. The RFP for equipment and installation was released in December 2021, and the selected vendor was approved by SWBNO’s Board in early 2022. The manufacturing of T7 has been completed and shipped for storage in Houston, TX along with other ancillary parts while the foundation work is completed to take delivery.

H. *West Power Complex Construction* – The West Power Complex is comprised of an electric substation connecting SWBNO’s plant directly to Entergy’s transmission line, as well as a modernized backup power generation system powered by Turbines 6 and 7. Construction of the new power campus, which also includes three frequency changers, an operations center, and a “utility rack” to connect the Entergy power to SWBNO’s assets, will cost around \$250 million. Funds from the project will come from numerous sources, including state Capital Outlay funds, federal earmarks, CDBG and HMPG funds, the City of New Orleans, and SWBNO’s own system funds. The IAB has also committed \$20M from its recurring revenue to help fund construction in 2023 including Contracts 1440 and 1427 for transformer and auxiliary power support, and contract 1447 for boiler room fan modifications. Project groundbreaking was on Monday, December 5, 2022. A key installation contract (Contract 1420) which is the last major contract of Phase I is funded via multiple sources including IMF, federal and local partners with a request being made for \$10M of Fair Share additional funding to

provide the necessary funding sources to award the contract. The Fair Share additional funding of \$10M for Contract 1420 was approved at the March 2024 meeting and facilitated the contract award and supplements additional funding committed by the City for the critical Power complex project. **As of Q2 2024, the City was finalizing the CEA with the updated \$21M of funding committed to Contract 1420.**

I. *Deferral of Funding for Bulk Chemical Feed and Storage Facility and New River Intake Fender System to Prioritize West Power Complex Funding* – The Carrollton Water Plant currently lacks adequate bulk storage facilities with capacity and modernization to more efficiently purchase water purification chemicals. The lack of adequate storage facilities causes more frequent delivery and dependency on trucked-in chemicals. The IAB had committed \$4M from the IMF to start the demolition and site preparation stages of the overall project. Additionally, in December 2023, SWBNO requested and IAB approved \$6,000,000, to address a longstanding issue created by SWBNO intake fender system being struck by ships on the river which protects the raw water intake infrastructure at the New River Intake. The goal is to invest in the upkeep and operability of the fender system to limit the recurring spending for other short-term measures to protect the infrastructure. However, in Q1 the SWBNO requested an additional \$10 million to fund the Phase I Installation Contract for the West Power Complex. The IAB agreed to fund this request by deferring funding for the two above mentioned projects until late 2024 or early 2025 and reallocating \$10 million to allow for additional funding for the West Power Complex. The IAB further required that, in the event the City fully funds the approximately \$20 million currently required for the West Power Complex, the SWBNO must reserve the \$10 million as a contingency amount for any future West Power Complex requirements until this phase of the complex is complete and this contingency is not needed.

J. *Asset Management System* – As part of technology modernization in the Strategic Plan of SWBNO developing a needs assessment and RFP for a new modern work order and asset management system will greatly enhance SWBNO ability to perform preventative maintenance activities. The IAB committed funding of \$1.65 million to allow for the pursuit of the needs assessment/RFP and ultimate purchase and implementation of a new system with a consultant being selected through a list of qualified engineering consulting firms with expertise in technology and asset management systems. Contracting with the selected engineering consulting firms is underway as of the end of Q1 2024. **As of Q2 2024, the needs assessment is underway with plans for the RFP to be prepared by the end of 2024.**

K. *Acceleration of External Contractor Paving Contracts* – Open surface cut backlog throughout the City has persisted due to a lack of funding with multiple efforts being undertaken in 2023 with assistance from DPW, 2 external paving contractors and an internal SWBNO paving crew. Additional IAB funding was committed from the IMF fund of \$4m to augment the number of paving work orders which can be addressed by the external contractors based on their proven performance at reducing the work order backlog with additional funding committed to their contracts. SWBNO has expended 55% of allocated funding and been able to reduce backlog at a rate of approximately 100 work orders each week from ramping up contractors and adding internal resources. The goal is to have the backlog reduced to 1,000 by year end. SWBNO also reported a 20% reduction experienced over 2022 response times for paving repairs via utilization of the funding, additional equipment investments and DPW separate paving contract. In December 2023, SWBNO requested and the IAB approved a Phase 2 allocation of \$4,000,000 to continue with incremental efforts to reduce the paving backlog in FY24 by providing financial resources to accelerate paving contracts and work orders accomplished. As of Q1 2024 the backlog had been reduced to under 1500, with the progress directly attributed to the additional work orders able to be accomplished with the initial \$4M provided by IMF. Response times have dropped from 101 day to 71 days with continued focus and renewals of paving contracts are on pace to spend the Phase 2 allocation of \$4M by year end. The additional funding is allowing for the reduction in overall response time for pavement restoration to 2-4 weeks and fully eliminating the pavement restoration backlog. As of Q2 2024, the paving backlog was 850 compared to 3,000+ in late 2023 with further reduction expected in 2024.



# **Infrastructure Advisory Board CNO Update**

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September 26, 2024

# Agenda

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- 1) Infrastructure Maintenance Fund (IMF)
  - a) IMF Revenue and Allocations through August 1
  - b) BGR Report
- 2) Capital Outlay and Project Status
  - a) DDD Drainage
  - b) Catch-basin Cleanout (ARPA)
  - c) DPW Maintenance Personnel

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# **Infrastructure Maintenance Fund**

# Revenue and Allocations through August 1

Historical				2023						2024				
2020 Total	2021 Total	2022 Total		SWB Lost Penny	SWB STR Equalization	DPW Lost Penny	DPW STR Equalization	NOCO STR Occupancy		SWB Lost Penny	SWB STR Equalization	DPW Lost Penny	DPW STR Equalization	NOCO STR Occupancy
\$1,486,294	\$452,109	\$1,833,251	Jan	\$859,557	\$612,343	\$286,519	\$204,114	\$266,709	Jan	\$774,223	\$615,435	\$258,074	\$205,145	\$97,548
\$1,077,744	\$623,551	\$1,878,216	Feb	\$636,118	\$929,011	\$212,039	\$309,670	\$404,635	Feb	\$722,102	\$873,040	\$240,700	\$291,013	\$550,765
\$1,003,376	\$1,106,283	\$2,459,645	Mar	\$990,124	\$781,764	\$330,041	\$260,588	\$340,501	Mar	\$1,049,515	\$123,980	\$349,838	\$123,980	\$54,000
\$366,814	\$1,353,010	\$2,774,343	Apr	\$1,148,820	\$707,709	\$382,940	\$235,903	\$308,246	Apr	\$1,089,209	\$1,372,545	\$363,069	\$1,372,545	\$597,819
\$302,088	\$1,393,270	\$2,698,016	May	\$972,494	\$568,224	\$324,164	\$189,408	\$247,493	May	\$976,072	\$548,411	\$325,357\	\$182,803	\$238,863
\$107,636	\$1,262,729	\$2,303,276	Jun	\$979,698	\$541,388	\$326,566	\$180,462	\$235,804	Jun	\$1,016,309	\$530,417	\$338,769	\$176,805	\$231,026
\$89,956	\$1,650,708	\$1,534,397	Jul	\$680,890	\$465,932	\$226,963	\$155,310	\$202,939	Jul	\$514,662	\$171,554	\$43,291	\$14,430	\$18,855
\$165,654	\$1,693,468	\$3,388,313	Aug	\$562,796	\$447,680	\$187,598	\$149,226	\$194,989	Aug					
\$151,422	\$516,150	\$1,685,635	Sept	\$383,491	\$589,814	\$127,830	\$196,604	\$256,896	Sept					
\$257,901	\$1,182,378	\$1,905,499	Oct	\$580,027	\$521,874	\$192,342	\$172,958	\$227,305	Oct					
\$378,478	\$1,241,491	\$2,518,865	Nov	\$918,312	\$91,507	\$306,104	\$30,502	\$39,856	Nov					
\$501,028	\$1,952,044	\$2,221,038	Dec	\$833,096	\$1,130,508	\$277,698	\$376,836	\$492,399	Dec					
									SPEC	\$5,000,000				
\$5,888,391	\$14,427,191	\$27,200,494	Total	\$9,545,423	\$7,387,754	\$3,180,804	\$2,461,581	\$3,217,772	Total	\$6,142,092	\$4,235,382	\$1,593,741	\$2,366,721	\$1,788,876

	2022 (as of 8/1)	2023 (as of 8/1)	2024 (as of 8/1)	2023 FY	2024 FY Est.
SWBNO	\$11,610,858	\$10,874,072	\$10,377,474	\$21,933,177	\$22,250,000
DPW	\$3,870,286	\$3,624,687	\$3,960,462	\$5,642,385	\$5,750,00



# BGR Fair Share Report

*Issued September 5, 2024*

## Key Findings

- Fair Share deal is fulfilling its promise of providing significant recurring revenue for essential infrastructure improvements
- Fair Share deal has made significant progress on meeting preventive maintenance needs at little or no cost to local ratepayers and taxpayers
- DPW able to double funding for street maintenance
- IAB “provides effective oversight of the Sewerage & Water Board’s Fair Share expenditures”

## Recommendations

- The City Council should amend its March 2024 ordinance on the Sewerage & Water Board’s Fair Share funding allocation to avoid misinterpretation.
- The Sewerage & Water Board and the City should review the current 75%-25% split of Fair Share tax revenues between the utility and DPW
- Future mayors should continue the executive order establishing the Infrastructure Advisory Board as long as it provides effective oversight of Fair Share dollars

**2**

## **Capital Outlay and Project Status Update**

# DDD Drainage Improvements

*Drainage improvements and installation of permeable pavement where feasible over 18 block area*

## Timeline

- Plans completed - Feb. 2024
- Revised 100% Plans - August 2024
- 90 Days to Bid and Award - Construction est. to begin end of 2024
- Super Bowl 2025
  - Construction stop prior to Super Bowl/Mardi Gras 2025
  - Specifications address construction sequence, temporary asphalt, and demobilization to mitigate interference of lapse.



# DDD Drainage Improvements

*Drainage improvements and installation of permeable pavement where feasible over 18 block area*

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## Additional Issues

- DPW and Wingate have met with utility agencies to review preliminary plans and provide address potential utility conflicts.
- DPW/Wingate coordinating with SWBNO to identify and resolve additional utility conflicts.
- Wingate provided 100% design deliverables February 2024
  - DPW requested Wingate modify design and substitute pervious pavement with interlocking pervious pavers due to pavement useful service life concerns.
  - DPW coordinating with Office of Resilience and Sustainability and Wingate on pervious paver standard details to be utilized.

## Spending & Next Steps

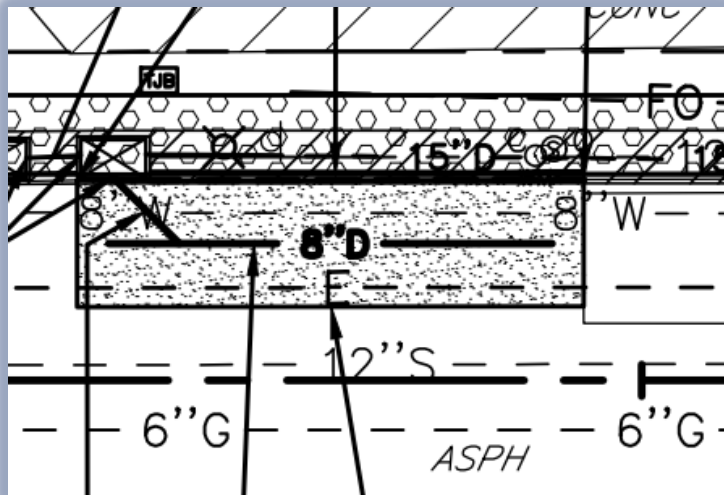
- Budget
  - \$9.1M - Total construction est. 6/2024
  - Design/basic services
    - A&E - \$499,665
    - Expenditures as of 6/2024 - \$349,565
- DPW/SWBNO/Meyer to review 100% submittal.
- Coordinate with Entergy, Cox, and SWBNO to address conflicts per final design review.

# DDD Drainage Improvements

## *Utility Conflict Examples*

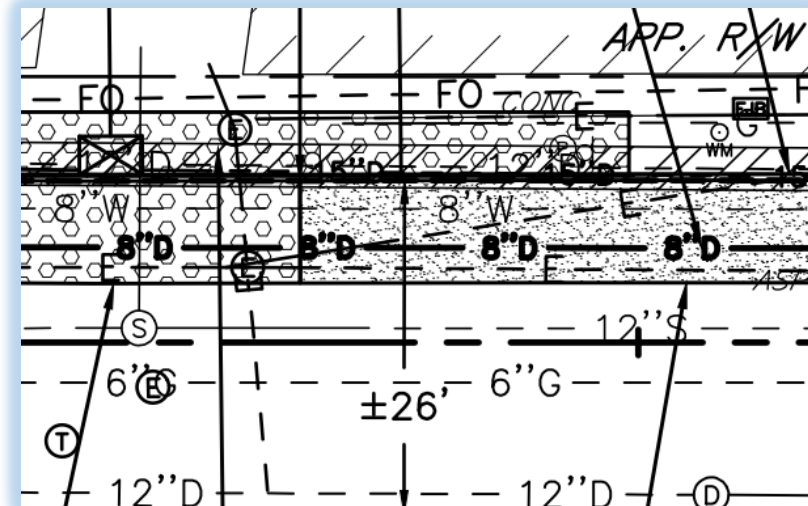
### SWBNO

- SWBNO existing 8" waterline within parking lane. Discussions with SWBNO on how to proceed.



### Entergy

- Entergy will move their utilities or Wingate will design around existing



# Infrastructure Maintenance Fund – 2024

*\$21M was appropriated from the Infrastructure Maintenance Fund in the 2024 adopted budget. \$18M to SWBNO*

---

## Other Operating - \$24.5M

- SWBNO Payments (\$18M)
  - Sidewalk Contracts
  - Streetlight Repair Contracts Manager
  - Signage
- District A
    - \$871K Allocated
    - \$848K Spent
  - District B
    - \$1.5M Allocated
    - \$1.3M Spent
  - District C (Westbank)
    - \$2.5 M Allocated
    - \$2.4M Spent
  - District C (Eastbank)
    - \$2.4M Allocated
    - \$2M Spent
  - District D
    - \$1.5M Allocated
    - \$1.2 MK Spent

# Infrastructure Maintenance Fund – 2024

## *DPW Maintenance Personnel Updates*

---

### **Personnel - \$1.2M**

- Total positions funded
  - 17 hired
  - 21 vacancies (*requisitions in process*)
- 6 Job Studies have been submitted and approved by Civil Service to create positions to staff a new Continuous Improvement/Asset Management Division
- New Laborers in Traffic Signal Shop and Maintenance.



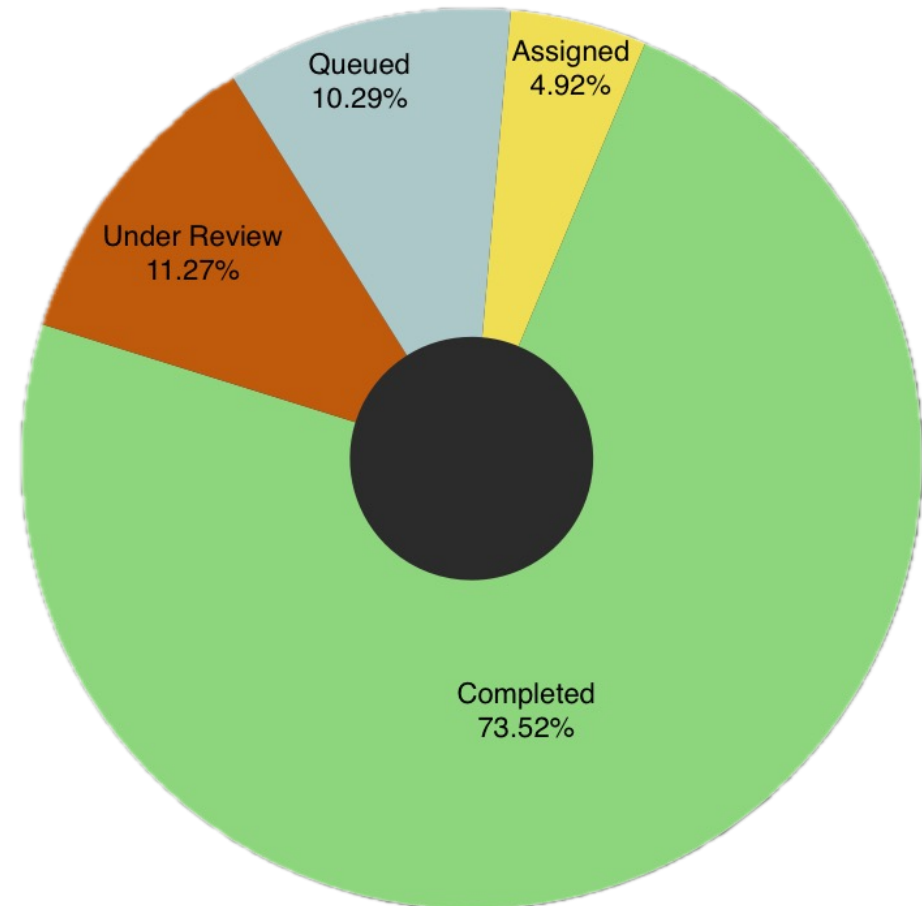
# Infrastructure Maintenance Fund – 2024

*Catch-basin cleanout (ARPA funds)*

<http://nola.gov/ARPAdraincleaning>

---

- Start date 2/14/2024
- 10 Crews working city-wide
- As of 9/1/24:
  - 569,092 LF drain lines
    - 509,092 LF of main lines
    - 60,000 LF of laterals lines
  - 6,190 catch-basins cleaned
  - 3,230,280 lbs. debris removed







**Questions?**

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# Infrastructure Advisory Board

Quarterly Meeting  
*September 26, 2024*



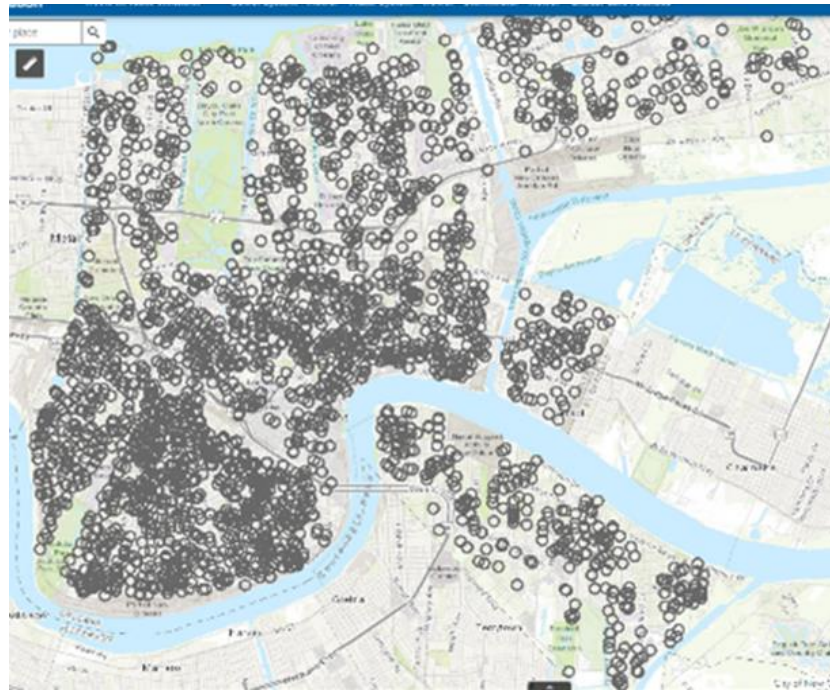


# Prioritizing Pavement Progress

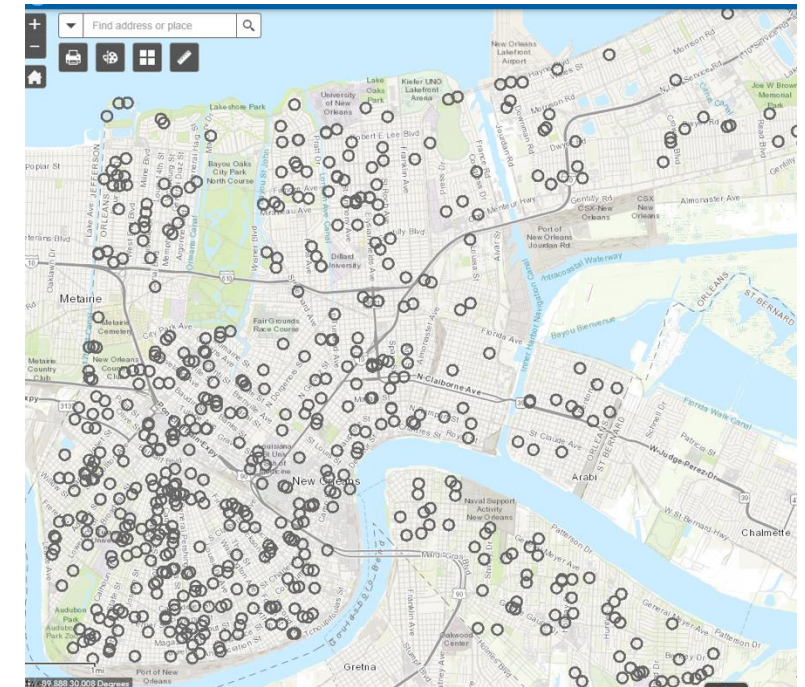
*Paving repairs backlog around **500** compared to 3000+ in late 2023*

*Paving restoration timeline is 50 days compared to 100+ days in 2023*

Goal: to reduce backlog which means repairs can be completed within 2-4 weeks



Paving backlog from 6/21/2023

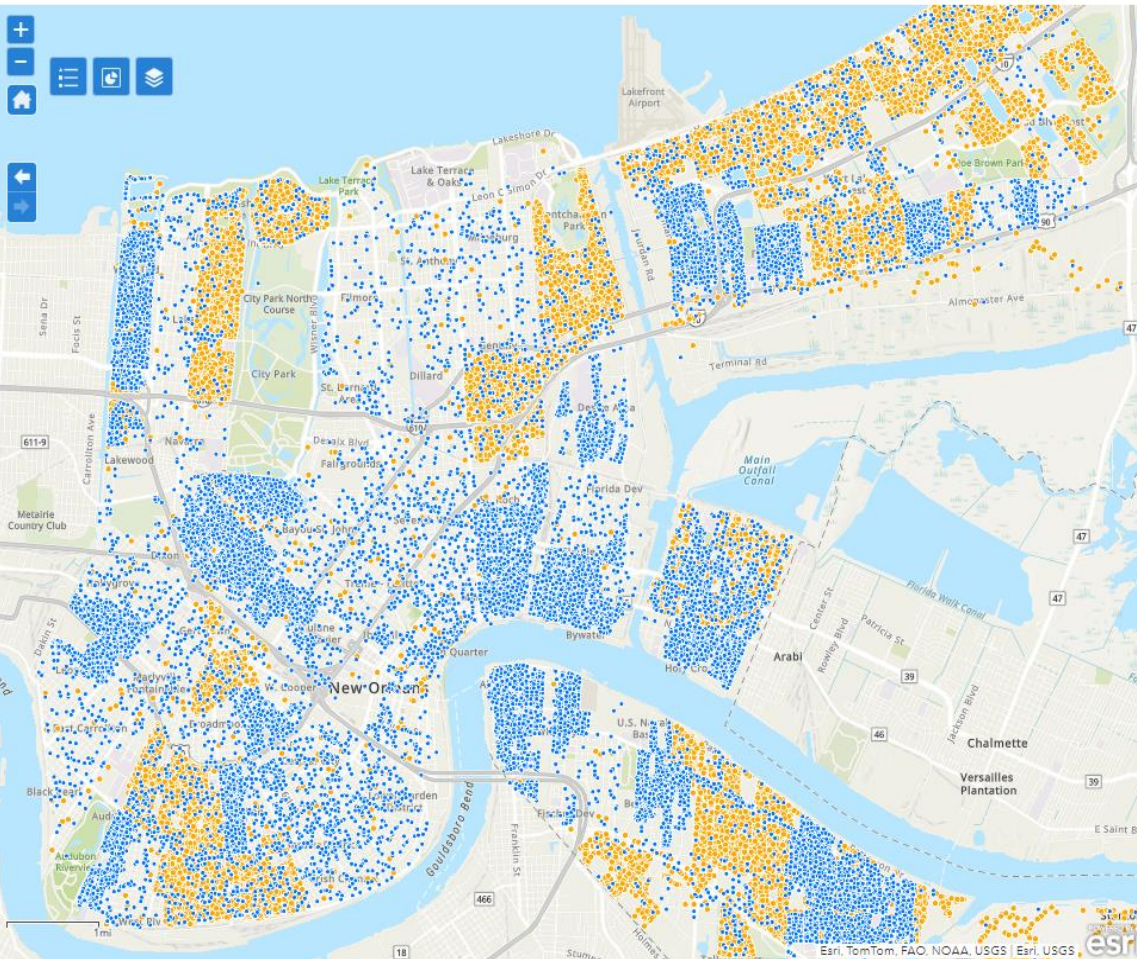


Paving backlog from 9/10/2024





# Smart Metering Progress



- To date we have replaced over 45,000 meters
- Final user acceptance testing completed for the new online account experience, available Fall 2024
- Installation Dashboard available
- We remain on track to install approximately half of our meters by the end of 2024



= Installation Completed




= Installation to be completed within next 3 months


# Customer Education

Participation in **over 50** neighborhood association meetings.

Leak detection letters have been sent to customers. **40%** have repaired their leaks, with **average savings of \$104.04** per customer per bill.



**LEAKY FAUCET**  
(One drip per sec.)  
8 gallons per day  
\$3.16 a month



**IRRIGATION**  
750 gallons per hour  
\$370 per month for daily irrigation



**LEAKY TOILET**  
100 - 200 gallons per day  
\$39.48 - \$91.18 a month

## HOW DO YOU USE WATER?

The "Water Usage" portion of your bill is based on your monthly water use. But how does your water use add up? Here are some quick stats to give you an idea of how much water a person uses for daily activities.



### AVERAGE DAILY WATER USE FOR

 **ONE PERSON**  
80 - 100 gallons

 **FIVE-PERSON HOUSEHOLD**  
400 - 500 gallons

*Based on EPA data for the average American*

Activity		Water Use Per Activity	Cost on SWBNO Bill Per Activity*
	10-minute shower	25 gallons	\$0.33
	Average bath	50 - 70 gallons	\$0.66 - \$0.93
	Energy efficient washer 	14 gallons	\$0.18
	Standard washer	20 gallons	\$0.27
	With water running for five minutes	10 - 15 gallons	\$0.13 - \$0.20
	By filling up the sink	5 gallons	\$0.7
	Energy efficient dishwasher 	4 gallons	\$0.5
	Standard dishwasher	9 - 14 gallons	\$0.12 - \$0.18
	With water running for two minutes	4 gallons	\$0.5
	Without water running	1.5 gallons	\$0.2
Outdoor Lawn Irrigation / Sprinkler		1,000 gallons per hour	\$13.16 per hour

*\*Based on average residential customer with 5/8" meter. Subject to change.*



### WATER LOSS THROUGH LEAKS

Fixing easily corrected household leaks can save you money on your water bill.

 **LEAKY FAUCET**  
(One drip per sec.)  
8 gallons per day  
\$3.16 a month

 **LEAKY SHOWERHEAD**  
(One drip per sec.)  
6 - 8 gallons per day  
\$2.37 - \$3.16 a month

 **LEAKY TOILET**  
100 - 200 gallons per day  
\$39.48 - \$91.18 a month







## NEW JOB OPPORTUNITIES

in our Smart Metering Program

SWBNO  
SMART METERING  
PROGRAM

JOB1WORKS  
GET CONNECTED

SEPTEMBER 18, 2024 | 10 AM - 1 PM

JOB1 Business & Career Solutions Center

1307 Oretha Castle Haley Blvd New Orleans, LA 70113

Utilities  
Maintenance  
Trainee I

\$35,673  
annual salary

- entry level training position
- requires 6 months of experience in construction or building maintenance
- requires passing score on Bennett's Test

Utilities  
Maintenance  
Trainee II

\$37,490  
annual salary

- intermediate level training position
- requires a valid driver's license
- requires 1 year of experience in construction, building maintenance or successful completion of trade related program (> 90 contact hours)
- requires passing score on Bennett's Test



Check out all of our employment opportunities!

Great benefits and opportunities for career growth!

<https://www.governmentjobs.com/careers/neworleans>

Last Revised: August 2024

# Smart Metering Job Opportunities

- Partnered with Job 1 to hire entry level smart meter technicians and other entry level positions across Operations
- 86 attendees; interest in Smart Metering and other departments – hiring process initiated
- Utilizing 4 new job series
  - AMI Data Analysts
  - Infrastructure Project Managers
  - AMI Meter Technicians
  - Utility Customer Service Managers – Key Accounts



# Lead Service Line Replacement Program

## \$84M in State Revolving Funds

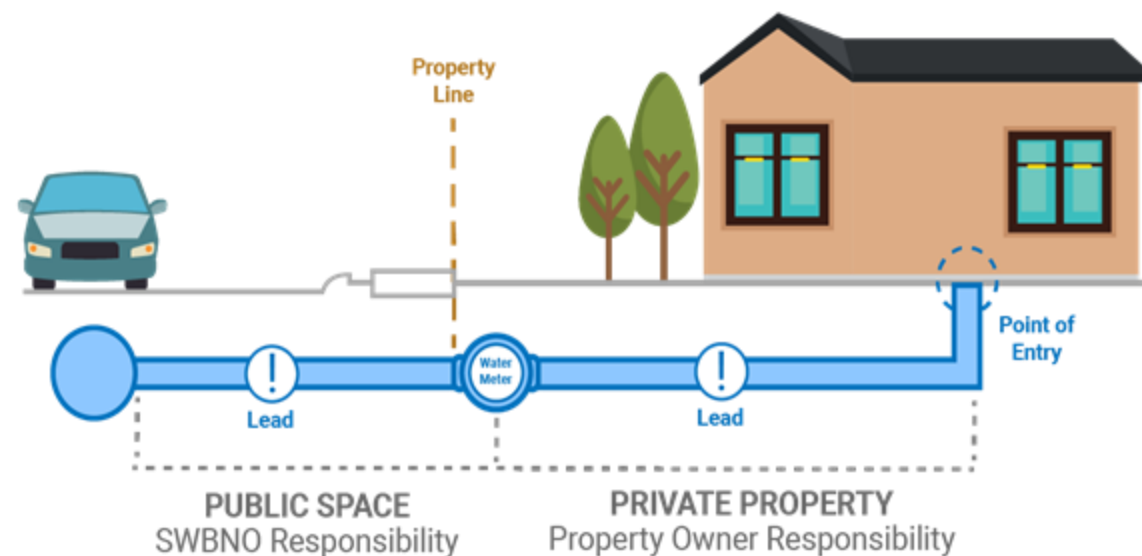
- Loan closes Q4 2024

## Service Line Inventory Available Oct 16:

- Shows both public and private SL material
- Includes unknown locations

## Upcoming Procurements:

- Investigations and LSL replacements at schools and daycares
- Program Manager for LSL Replacement Program



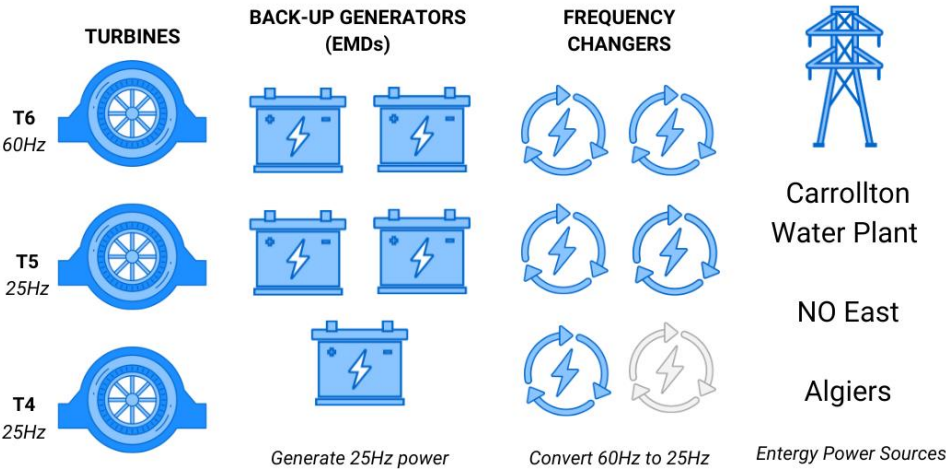


# Power Status

## CURRENT POWER SOURCES

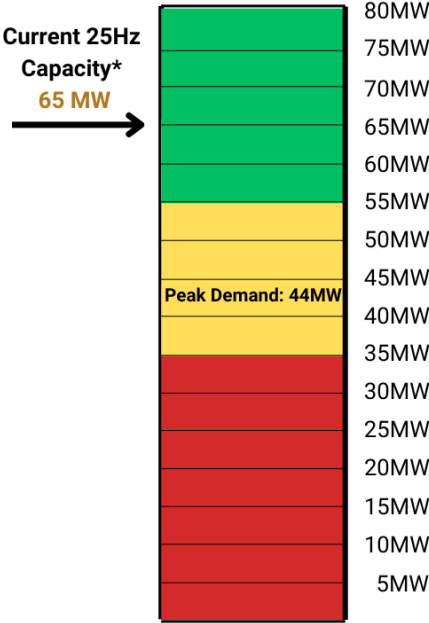


60Hz Power: 22MW | 25Hz Power: 65MW



9/13/2024

## 25Hz POWER GENERATION CAPACITY



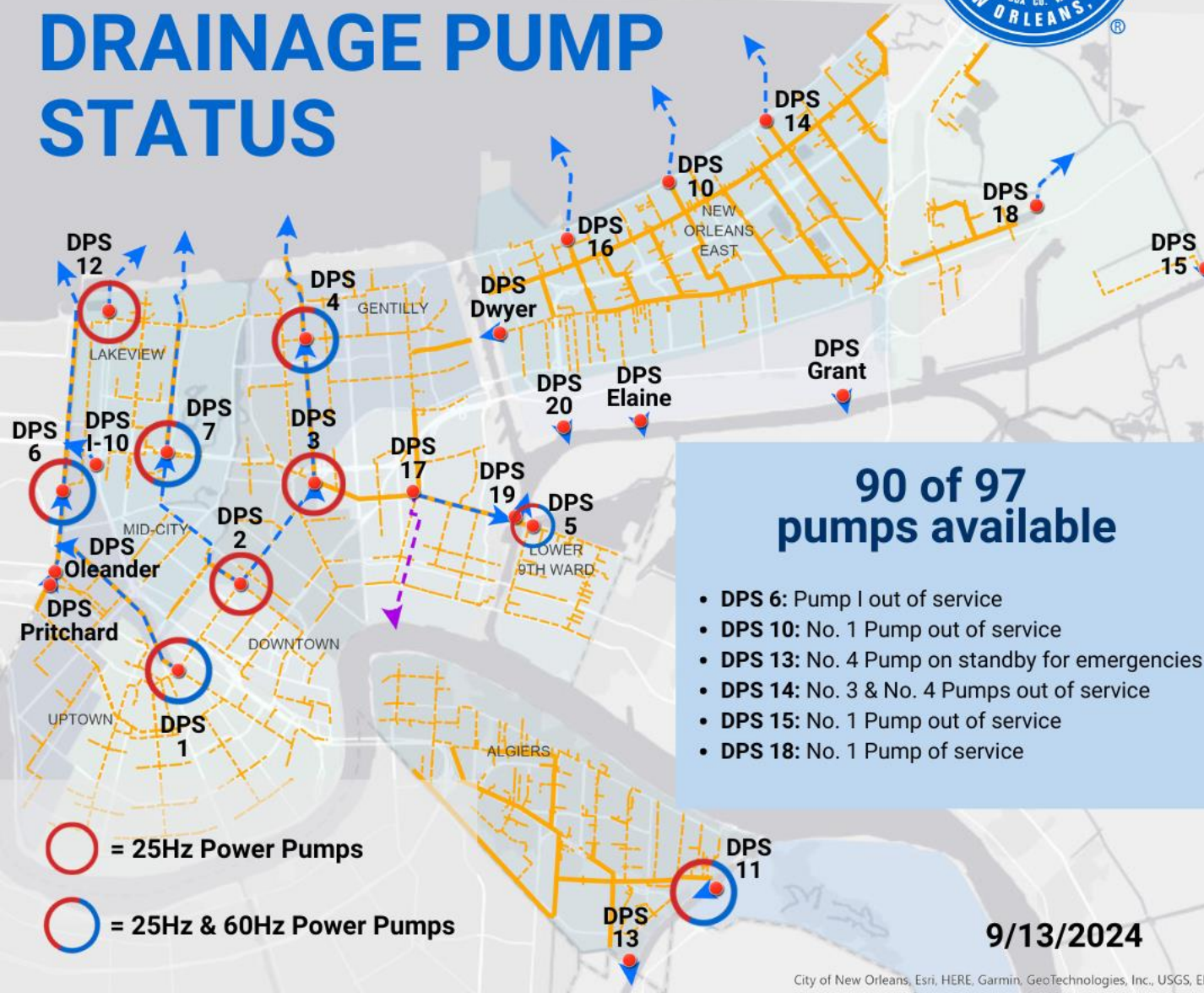
\*Includes T4,T5, three EMDs & available Frequency Changers

9/13/2024





# DRAINAGE PUMP STATUS



Turbine 4 is available

- 65+ Megawatts of fragile 25 Hz power

DPS 10 and DPS 16 –  
return to service in  
October







# Power Complex Current Status

## Foundation Work On-Going



*Site overview – July 2024*

## First SFC Delivered



*SFC 1 – August 2024*



# Power Complex Project Details

Power Complex – IMF Projects	Contract Amounts	Status
<b>1. T7 solution</b>	<b>\$4,000,000</b>	
Design	\$2,600,000	In progress
Additional turbine costs (storage, change orders)	\$1,400,000	Finalizing costs
<b>2. Power Complex Integration + 2023/2024 Special Allocation</b>	<b>\$20,000,000</b>	
1440 – GSU Transformers	\$3,682,365	In progress (including change orders)
1427 – Auxiliary Packaged Electrical Equip	\$6,698,839	In progress (including change orders)
1447 – Boiler House Fan Mods	\$1,183,413	Closeout (including change orders)
1420 – Phase 1 Installation Contract	\$7,337,050	June 11 start date; submittals and pre-mob in progress
Change Order Contingency	\$1,098,316	
<b>3. Supplemental Support for Phase 1 Installation Contract 1420</b>	<b>\$10,000,000</b>	\$8M in City funds received in June; \$13M to be received end of September



# Louisiana HERO Program

## Louisiana Hubs for Energy Resilient Operations

- \$250M program from DOE – GRIP funding awarded to State of Louisiana
- Power Complex project meets strategic objectives of enhanced emergency response and grid upgrades for mission-critical facilities
- \$34M application submitted
  - 50% matching funds required; work through local subrecipient



The Louisiana Hubs for Energy Resilient Operations (HERO) Initiative will establish a foundational approach for accelerating more abundant, affordable, and reliable clean energy for greater power resilience across the state.





# Infrastructure Maintenance Fund Status

Total Revenues inception to date: **\$70,785,622** (thru June)

Total Expenditures inception to date: **\$27,916,584**

Allocated to IMF Projects (awarded or designed contracts): **\$54,263,068**

Major expenditures to date:

Sycamore Filter Gallery Rehabilitation \$2.4m

Accelerated Paving Contracts \$6.5m

Power Complex - \$9.9m

SELA Drainage Projects - \$3.5m

Month	IMF Revenue
June 2024	\$1.55M
May 2024	\$1.52M
April 2024	\$2.46M



# New Funding Request - \$5.5M

## Critical Water and Sewer networks repairs

- Water O&M contract - \$2M
- Sewer O&M contract – \$1.5M
- Water Capital contract - \$2M

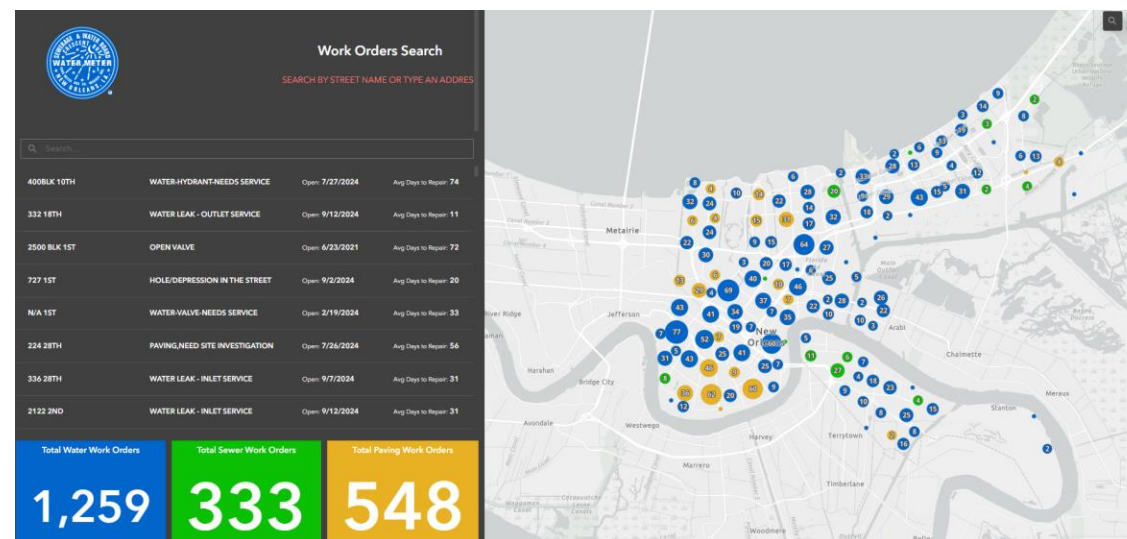
Funding will provide:

- Immediate decrease in backlog of open work orders
- Address specific, longstanding project (HOV lane ramp at LaSalle and Poydras)



# Water and Sewer Open work orders

- Data from 9/18/2024
  - 1,417 water work orders including:
    - Water main and manhole repairs
    - Services (inlet and outlet repairs)
    - Hydrant repairs
    - Water valve repairs
  - 369 sewer work orders including:
    - Sewer main and house connection repairs
    - Sewer line cleaning and manhole repairs



# Questions?





Line	2023										2024				2025				Beginning Fund	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Balance 1/1/23	27,044,139		
1																				
2	Total Estimated Revenue to SWBNO					Sources:	4,808,918	9,918,335	3,130,605	4,075,326	9,158,298	5,532,966	4,845,632	4,845,632	9,845,632	5,532,966	5,532,966	5,532,966		72,760,243
3	Proposed revenue allocation <sup>2</sup> :																			
4	Ongoing Infrastructure Improvements (A)						360,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000	540,000		6,300,000
	Infrastructure Modernization and Technological Improvements (B)						3,358,918	2,743,335	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000		26,102,253
6	Infrastructure Power Complex (C)						1,090,000	6,635,000	590,605	1,535,326	6,618,298	2,992,966	2,305,632	2,305,632	7,305,632	2,992,966	2,992,966	2,992,966		40,357,990
7																				
8						Uses:	-	-	-	-	-	-	-	-	-	-	-	-		
9																				
						Expended inception to date at 1/1														
10	Project List:	Type	Project status	IAB Status	Project Amount															
11	Asset management software system	(B)	assessment	approved	1,650,000	(48,060)		-	-	-			(500,000)	(500,000)	(500,000)					(1,548,060)
12	Acceleration of Paving Contracts	(A)	ongoing	approved	4,000,000				(2,000,000)	(1,000,000)	(1,000,000)									(4,000,000)
13	FY24 Acceleration of Paving Contracts (Continuation)	(B)	ongoing	approved	4,000,000							(1,000,000)	(1,500,000)	(1,500,000)						(4,000,000)
14	Water Treatment Plan Improvements: Sycamore Filter Gallery	(A)	ongoing	approved	3,000,000	-	(1,000,000)	(455,924)	(288,787)	(348,005)	(257,461)									(2,350,177)
15	Construction of a new Bulk Chemical Feed and Storage Facility	(A)	re-bidding	approved	4,000,000	-										(1,000,000)	(1,000,000)	(2,000,000)		(4,000,000)
16	FY24 - Replacement of New River Intake Fender System	(A)	planning	approved	6,000,000											(1,000,000)	(2,500,000)	(2,500,000)		(6,000,000)
17	FY24 - Water Treatment Plan Improvements: Sycamore Filter Gallery (Continuation)	(A)	new	approved	3,000,000								(125,000)	(300,000)	(1,450,000)	(750,000)				(2,625,000)
18	Smart Metering Program Management	(B)	ongoing	approved	4,000,000	(1,461,673)	(101,572)	(283,663)	(429,473)	(455,687)	(490,000)	(300,000)	(200,000)	(200,000)						(3,922,068)
19	Smart Metering Implementation <sup>1</sup>	(B)	ongoing	approved	15,000,000											(5,000,000)	(5,000,000)	(5,000,000)		(15,000,000)
20	Master Plan/Strategic Plan	(B)	ongoing	approved	500,000	(515,230)														(515,230)
21	FY24 - Water Quality Master Plan	(B)	new	approved	1,500,000								(266,000)	(834,000)	(150,000)	(150,000)	(50,000)	(50,000)		(1,500,000)
22	Drainage Stormwater Fee Study	(B)	ongoing	approved	250,000	-		(345,795)	-											(345,795)
23	FY24 - Drainage Stormwater Fee Analysis (Continuation)	(B)	ongoing	approved	200,000							(50,000)	(50,000)	(50,000)	(50,000)					(200,000)
24	T7 Solution	(C)	ongoing	approved	4,000,000	(1,246,195)	(218,947)	(180,326)	(332,114)	(217,077)			(50,000)	(800,000)	(200,000)	(250,000)	(250,000)	(200,000)		(3,944,659)
25	Power Complex integration and auxiliary components <sup>1</sup>	(C)	ongoing	approved	20,000,000	-	(1,907,125)	(1,216,000)	(1,824,000)	(904,263)	(1,180,692)	(115,000)	(365,000)	(7,500,000)	(4,000,000)	(500,000)				(19,512,080)
26	FY24 Supplemental support for Power Complex Phase I - Installation and Commissioning Contract 1420 <sup>3</sup>	(C)	new	approved	10,000,000										(2,500,000)	(2,500,000)	(2,500,000)	(2,500,000)		(10,000,000)
27	Total - Currently approved IAB project list				79,450,000															
28																				
29	New Allocations Requested Q3 2024																			
	FY24 Augmentation of Water Capital Repairs and Water and Sewer O&M Repairs												(2,000,000)	(3,500,000)						(5,500,000)
30																			Total Expenditures:	(84,963,068)
																			Projected Fund Balance 12/31/2025	14,841,314
31																				
32	Other Potential Future Projects FY24:																			
33	FY24 Budgeted \$10m WPC change order and other misc.																			

<sup>1</sup> Portion of estimated costs to supplement overall Project funding needs (Fair Share funding to be utilized after other funding sources required to be spent first are exhausted)

<sup>2</sup> Allocation of IMF revenues used only for purposes of creating categories of potential types of infrastructure projects

<sup>3</sup> Contract 1420 \$10m allocation used to bridge financing plan with additional City funding (\$21m) committed to SWBNO - CEA for \$21m completed in August 2024

Report of Revenue and Expenditures made pursuant to the CEA (R-079-2020)  
Infrastructure Maintenance Fund  
September 2024

REVENUES:

Notification Date	Period of Collection		Amount
9/16/2020	Inception to July	2020	\$6,225,937
10/30/2020	August	2020	124,241
11/18/2020	September	2020	113,567
12/11/2020	October	2020	193,427
1/21/2021	November	2020	283,861
2/3/2021	December	2020	375,772
3/12/2021	January	2021	339,083
4/9/2021	February	2021	467,665
5/7/2021	March	2021	489,066
7/30/2021	April	2021	831,941
7/30/2021	May	2021	867,499
9/29/2021	June	2021	859,495
9/29/2021	July	2021	1,037,999
11/23/2021	August	2021	1,076,227
11/23/2021	September	2021	367,756
2/4/2022	October	2021	811,584
2/4/2022	November	2021	906,411
2/22/2022	December	2021	1,267,007
2/16/2022	January	2022	1,192,533
4/14/2022	February	2022	1,162,811
4/14/2022	March	2022	1,573,525
6/1/2022	April	2022	1,803,796
6/13/2022	May	2022	1,797,916
7/15/2022	June	2022	1,531,207
8/24/2022	July	2022	1,119,291
10/20/2022	August	2022	1,930,992
10/24/2022	September	2022	1,063,217
11/28/2022	October	2022	1,222,930
1/18/2023	November	2022	1,663,964
1/23/2023	December	2022	1,460,455
2/17/2023	January	2023	1,471,901
3/16/2023	February	2023	1,565,128
4/21/2023	March	2023	1,771,889
5/18/2023	April	2023	1,856,530
6/23/2023	May	2023	1,540,719
6/5/2023	Special Allocation FY23	2023	5,000,000
8/17/2023	June	2023	1,521,086
8/17/2023	July	2023	1,146,823
9/20/2023	August	2023	1,010,476
10/23/2023	September	2023	973,306
12/1/2023	October	2023	1,101,902
1/9/2024	November	2023	1,009,820
2/2/2024	December	2023	1,963,605
3/15/2024	January - Corrected	2024	1,389,659
5/2/2024	February	2024	1,595,143
2/1/2024	Special Allocation FY23	2024	5,000,000
5/3/2024	March	2024	1,173,496
6/18/2024	April	2024	2,461,756
7/17/2024	May	2024	1,524,484
8/26/2024	June	2024	1,546,727

TOTAL REVENUES	\$70,785,622
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EXPENDITURES:

Date	Description	Amount
7/24/2020	5% cash payment required to match current year federal funding for the SELA Program, due 8/1/2020	\$1,030,625
12/30/2020	Olameter Corporation Contract for Meter Reading Services for Contract Readers. August Thru December 2020	410,788
2/22/2021	Olameter Corporation Contract for Meter Reading Services for Contract Readers. Revised September 2020 Invoice	13,801
2/22/2021	Olameter Corporation Contract for Meter Reading Services for Contract Readers. January 2021	70,263
6/30/2021	5% cash payment required to match current year federal funding for the SELA Program	2,486,836
January 2022	Asset Management assessment project for establishing a strategy for procurement and needs assessment	48,060
	<b>Pre FY23</b>	<b>\$4,060,374</b>
Cumulative thru September 2024	Raftelis Financial Consultants Contract for Consulting Services for Utility Strategic Planning.	515,230
Cumulative thru September 2024	Smart metering design and program management	4,230,501
Cumulative thru September 2024	Sycamore Filter Gallery water purification rehabilitation	2,350,177
Cumulative thru September 2024	Raftelis Financial Consultants Contract for Stormwater Fee Study	345,795
Cumulative thru September 2024	Design costs related to the acquisition of Turbine 7	2,194,659
Cumulative thru September 2024	Power Complex Contracts (Auxiliary Power system and step up transformers)	7,719,848
Cumulative thru September 2024	Acceleration of Paving Contracts	6,500,000
	<b>FY23, FY24 to date</b>	<b>\$23,856,210</b>

TOTAL EXPENDITURES	\$27,916,584
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Amounts Available for IAB Projects	\$42,869,038
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