INFRASTRUCTURE ADVISORY BOARD

Paul Flower, Chair David Gallo, Vice Chair Neil Abramson, Secretary

Elisa Speranza David Kerstein Karen Raymond Chuck Morse

March 27, 2025 | 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 December 12, 2024

The regular meeting of the Infrastructure Advisory Board (IAB) occurred on December 12, 2024 in-person at Woodward Design+Build – 2nd 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. Chuck Morse
- 4. David Kerstein
- 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 September 26, 2024 regular meeting.

Approval of Quarterly Report. The IAB unanimously approved the Quarterly Report.

Presentations. In order of appearance:

Kyle Homan, Capital Budget Director, Project Delivery Unit, City of New Orleans, went over the revenue and allocations through September 2024, showing nearly identical collections from 2023 to 2024, aligning with previous estimates and projecting year-end collections at about \$22M for SWBNO, including a \$5.75M annual allocation. He does not currently have the revenue for the fourth quarter of 2025, but believes there could be a \$1.3M differential from 2023, based on where we are at this point. Mr. Homan to send the October reconciliation numbers to the IAB when they come in.

Mr. Homan also shared a status update on the drainage improvements and installation of permeable pavement in an 18-block area of the Central Business District and the Friench Quarter. This project has completed plans and is slated to begin March 2025. He also gave an update on the streetlight technology pilots and other operating maintenance projects. A preview of the City of New Orleans Streetlight Technology Pilots website was given, showing what improvements and in what areas will be done. The 2025 proposed budget was passed, with \$28M allocated to operating costs, with \$5M for the DPW, \$23M for the SWBNO, and \$3.2M for personal services.

Kaitlin Tymrak, Business Services and Program Management, General Superintendent's Office, SWBNO, provided an update on the Smart Meter project, which has successfully installed 70,281 meters. Many of these customers have received continuous usage alerts, which will help identify any potential leaks. SWB has also launched the new online customer account portal with over 43,420 registered users. Available for all SWB customers, who must self-activate using their account number. There has been ongoing communication with customers on how to enroll.

Steve Nelson, Deputy General Superintendent, Engineering and Services, SWBNO, began his update with a report on paving progress. The paving backlog has reduced from 3000+ in 2023 to 340 cases. Restoration timeline is now 50 days, compared to 100 in 2023. Mr. Nelson remarked that IMF funding is directly responsible for this decrease. The focus of 2025 will be the quality of repairs and a push for any road cuts to be reported to SWB.

Mr. David Gallo asked how citizens are supposed to determine if the cuts in the street were created by the SWB. Mr. Nelson responded by discussing the process of customers submitting work orders via an online portal. As of December 2024, there are 1,499 outstanding work orders to repair water mains and manholes, services, hydrants, and water valves. SWB received \$3.5M in IAB funding which was applied to water and sewer contracts which resulted in 28,000 works orders closed to date.

Mr. Nelson also discussed the status of the Water Quality Master Plan. This project should be finished at the end of 2025. Lead Service Line Replacement Program inventory went live October 15th, 2024. The first loan for \$86M in state revolving funds closed in 2024, and \$66M fund application has been submitted for next year.

Kaitlin Tymrak, Business Services and Program Management, General Superintendent's Office, SWBNO, provided an update on the state of the West Power Complex. Turbine 7 was delivered and is anticipated to come online in Summer 2025, utility rack cabling installation has been completed. Static Frequency changer 1 and 2 have been delivered, with Static Frequency changer 3 set for delivery later in December. Louisiana Hubs for Energy Resilient Operations "HERO" Program will establish an approach for more affordable and reliable clean energy for greater power resistance across the state. This is a \$250M program from the DOE, with GRIP funding awarded to Louisiana. The West Power Complex meets objectives of this program, and a \$34M application has been submitted to the state.

Mr. Paul Flower asked what grant we are trying to get through the state. Ms. Tymark confirmed that it is a grant with the department of energy, administered through the state, and they are setting that program up now.

Grey Lewis, Chief Financial Officer, SWBNO, gave an update on the Infrastructure Maintenance Fund Status. As of this meeting, \$72.8M has been received by SWB with total expenditures at \$36M, with \$65M allocated to IMF projects. Major expenditures since last quarter are critical network distribution repairs at \$5.5M, accelerated paving contracts at \$7M, and power complex at \$11.8M.

Mr. Paul Flower asked for clarity about where project funding with be allocated. The SWB has allocated future money from Fair Share to pay for some of these projects with funds that already exist and anticipated to come in.

Mr. Lewis educated the board on potential future funding requests for 2025 fiscal year. Smart Metering change orders and enhancements at \$8M. Drainage Stormwater Rate Study with the consultant Raftelis that has already begun, amount undetermined at this time. West Power Complex \$3M matching Funds for HERO Program and overall contingency funds. Critical water and sewer distribution network repairs, amount undetermined at this time.

Mr. David Kerstein asks what the anticipated completion date is for this rate study. **Ghassan Korban, Executive Director of SWBNO**, said that it depends upon how aggressively the study is funded and in what manner it wants to be presented. The cost for this will be roughly \$300K.

Ms. Elisa Speranza asks if the work orders are from a new work order system, and if not, what happened to the previous management system? Steve Nelson responded that an Asset Management RFP is being developed.

Mr. David Gallo commented that in 2025, SWB is taking over small drainage pipes from the DPW. What is the situation with the budget for this new service SWB is absorbing? We have established that \$5M will come from the IMF, what about income from the street violation camera tickets? Ghassan Korban, responded that SWB has a CEA effective January 1st to take over. It is currently unknown the amount that will occur in that transfer. Mr. Gallo then asked how SWB is prepared to take this additional service over. Mr. Korban does know that they will acquire some equipment from the DPW, but not staff or a set budget. Members of the SWB leadership team have been working with DPW to learn their system as well as backlog work orders for the small drainage.

The IAB recommended to the SWB that they find out the amount of funds they will be allocated for this service, initiate higher for this new division, and alert the public of their plans.

Public Comment There was no public comment.

Other Business There was no other business.

Adjournment. The IAB adjourned the meeting at 2:54 PM.

QUARTERLY REPORT OF THE

INFRASTRUCTURE ADVISORY BOARD

Fourth 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 fourth quarter of 2024 and recommendations offered for the first quarter of 2025.

I. <u>IAB Meetings and Activities</u>

The IAB met once during the Fourth quarter of 2024, convening December 12 in person. The complete meeting packet and a full recording of the meetings is available at:

- 1. Full Meeting Packet
- 2. Recording of the December 12, 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 Fourth 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 December 12, 2024 IAB meeting, available at:

https://www2.swbno.org/documents/meetings/packets/packet_2216.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 2216.pdf

III. <u>IAB Project Recommendations for Use of Recurring Fair Share Agreement Funds</u>

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. As of Q4 2024 SWBNO has replaced 68,000 meters and is on track for half the population or 70,000 meters by the end of 2024. Extensive customer outreach and education continues with the launch of the new customer online account platform which occurred in mid-November.

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. As of Q4 2024, the Water Master plan is progressing with testing underway and evaluation of the latest technologies and impacts of increased chlorides.

- 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 Q4 2024, the next phase of the filter gallery is underway with the additional \$3,000,000 allocated in FY24 the work is expected to be completed by end of Q2 2025.
- 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, second and third quarter of 2024 with the full allocation being utilized by Raftelis. Raftelis is in the process of providing an additional estimate for continued support in the coming year to further the discussion of a stormwater fee well ahead and a millage expiration in 2027.

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 turbine components were delivered to the site in October and November 2024, with electrical and mechanical installation in progress through December 2024.

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 and in late Q3 2024 the full \$21m was received. In Q4 2024 spending of allocated funds continued and the Power Complex is anticipated to come online in Late Summer 2025. All three Static Frequency Changers, new turbine, and other major equipment has been delivered to the site as of the end of the year.

I. Deferral of Funding for Bulk Chemical Feed and Storage Facility and New River Intake Fender System to Prioritize West Power Complex Funding – The Carrolton 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 Q4 2024, the needs assessment is progressing with plans for the first of 2 planned RFPs (representing phases of asset management) to be advertised in early Q2 2025.
- 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. As of Q3 2024, the paving backlog was approximately 500 workorders with average payment restoration timeline reduced to 50 days from 100+

in 2023. As of Q4 2024, the paving backlog was approximately 340 work orders with the overall paving restoration timeline down to 50 days from 100 days in 2023.



Infrastructure Advisory Board CNO Update

March 27, 2025

Agenda

- 1) Infrastructure Maintenance Fund (IMF)
 - IMF Revenue and Allocations through Dec 31, 2024
- 2) Capital Outlay and Project Status
- 3) CEA Status

Infrastructure Maintenance Fund

Revenue and Allocations through Dec. 31, 2024

January 2025 reconciliation has not yet been completed by Finance

	Historical					2023						2024		
2020 Total	2021 Total	2022 Total		SWB Lost	SWB STR	DPW Lost	DPW STR	NOCO STR		SWB Lost	SWB STR	DPW Lost	DPW STR	NOCO STR
2020 Total	2021 Total	2022 Total		Penny	Equalization	Penny	Equalization	Occupancy		Penny	Equalization	Penny	Equalization	Occupancy
\$1,486,294	\$ 452,109	\$ 1,833,251	Jan	\$ 859,557	\$ 612,343	\$ 286,519	\$ 204,114	\$ 266,709	Jan	\$ 774,224	\$ 615,435	\$ 258,075	\$ 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	\$ 873,041	\$ 240,701	\$ 291,014	\$ 550,766
\$1,003,376	\$ 1,106,283	\$ 2,459,645	Mar	\$ 990,124	\$ 781,764	\$ 330,041	\$ 260,588	\$ 340,501	Mar	\$ 1,049,515	\$ 123,981	\$ 349,838	\$ 41,327	\$ 54,000
\$ 366,814	\$ 1,353,010	\$ 2,774,343	Apr	\$ 1,148,820	\$ 707,709	\$ 382,940	\$ 235,903	\$ 308,246	Apr	\$ 1,089,210	\$ 1,372,546	\$ 363,070	\$ 457,515	\$ 597,820
\$ 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	\$ 180,804	\$ 238,864
\$ 107,636	\$ 1,262,729	\$ 2,303,276	Jun	\$ 979,698	\$ 541,388	\$ 326,566	\$ 180,462	\$ 235,804	Jun	\$ 1,016,309	\$ 530,418	\$ 338,770	\$ 176,806	\$ 231,026
\$ 89,956	\$ 1,650,708	\$ 1,534,397	Jul	\$ 680,890	\$ 465,932	\$ 226,963	\$ 155,310	\$ 202,939	Jul	\$ 514,663	\$ 43,291	\$ 171,554	\$ 14,430	\$ 18,856
\$ 165,654	\$ 1,693,468	\$ 3,388,313	Aug	\$ 562,796	\$ 447,680	\$ 187,598	\$ 149,226	\$ 194,989	Aug	\$ 588,267	\$ 439,016	\$ 196,089	\$ 146,339	\$ 191,157
\$ 151,422	\$ 516,150	\$ 1,685,635	Sept	\$ 383,491	\$ 589,814	\$ 127,830	\$ 196,604	\$ 256,896	Sept	\$ 460,565	\$ 32,986	\$ 153,522	\$ 10,995	\$ 14,367
\$ 257,901	\$ 1,182,378	\$ 1,905,499	Oct	\$ 580,027	\$ 521,874	\$ 192,342	\$ 172,958	\$ 227,305	Oct	\$ 642,710	\$ 1,349,880	\$ 214,237	\$ 449,960	\$ 587,948
\$ 378,478	\$ 1,241,491	\$ 2,518,865	Nov	\$ 918,312	\$ 91,507	\$ 306,104	\$ 30,502	\$ 39,856	Nov	\$ 1,049,426	\$ 122,185	\$ 349,809	\$ 40,728	\$ 53,218
\$ 501,028	\$ 1,952,044	\$ 2,221,038	Dec	\$ 833,096	\$ 1,130,508	\$ 277,698	\$ 376,836	\$ 492,399	Dec	\$ 854,250	\$ 574,778	\$ 284,750	\$ 191,593	\$ 250,331
\$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	\$ 9,737,313	\$ 6,625,967	\$ 3,245,771	\$ 2,206,656	\$ 2,885,901
	2022 Revenues	2023 Revenue	2024 Revenue	2024 Budget										
SWBNO	\$ 17,522,636	\$ 16,933,177	\$ 16,363,280	\$ 17,250,000										
DPW	\$ 5,840,879	\$ 5,642,385	\$ 5,452,427	\$ 5,750,000										

2 Capital Outlay and Project Status Update

Infrastructure Maintenance Fund 2024

Other Operating

- Concrete and specialty sidewalk repairs construction completed
- Signal light components received late 2024
- Streetlight contracts manager
- ROW contracts construction completed early 2024
- Heavy equipment received early 2024
- Street Light Pilot: LEDs and operations software (Ameresco)



2 CEA Status

Fair Share CEA

- Drainage transfer CEA committed 100% of Fair Share funding to SWBNO
- Fair Share CEA needs to be revised to reflect the new breakdown
- Draft amendment is circulating internally with City



Questions?

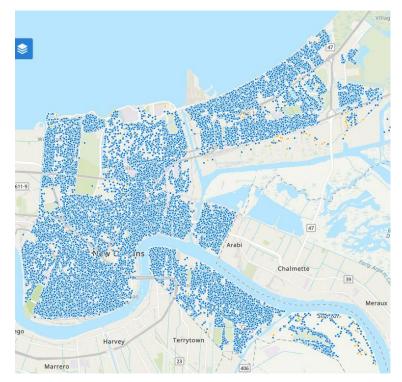
Infrastructure Advisory Board

Quarterly Meeting *March 27, 2025*









- Installation Completed
- Installation to be completed within next 3 months

Installation Progress

- Over 96,000 meters installed
 - **68**% of population
- Over 31% of customers have had a continuous usage event since installation
 - Continuous usage = potential leak
 - Proactively notifying customers, 45% have repaired their leaks

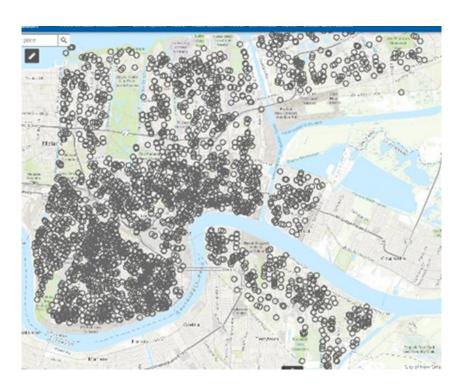


Prioritizing Pavement Progress

Paving repairs backlog around **590** compared to 3000+ in late 2023

Paving restoration timeline is 30 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



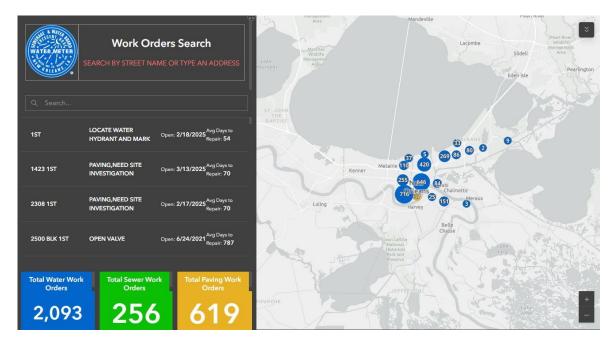
Paving backlog from 3/20/2025



Water and Sewer Open Work Orders

- Data from 3/20/2025
 - 2200 water work orders including:
 - Water main and manhole repairs
 - Services (inlet and outlet repairs)
 - Hydrant repairs
 - Water valve repairs
 - o 300 sewer work orders including:
 - Sewer main and house connection repairs
 - Sewer line cleaning and manhole repairs

\$5.5M in IAB funding approved in Q4 was applied to water and sewer O&M contracts to continue at current work completion pacing - 5200 total work orders completed in Q4





Sycamore Filter Gallery Rehab (Phase IV)







Water Quality Master Plan

- Completion of corrosion testing expected in Q2
- Path forward on two key pilot tests: orthophosphate and ACH (aluminum chlorohydrate)
- Capital Improvement Plans to be issued in Q3/Q4 2025





Lead Service Line Replacement Program

\$86M in State Revolving Funds Secured

\$66M State Revolving Funds Application in Progress

Awarded - Contract for Potholing and LSL Replacements at Schools and Daycares

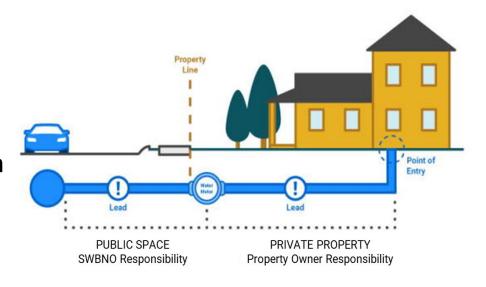
Inspections at Schools to start in April 2025

RFP for Program Manager for the LSL Replacement Program

Firm will be selected this month.

Mitigation

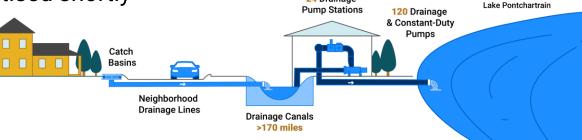
• Pitcher Distribution to begin March 24th





Drainage Consolidation (Act 763)

- 2025 Funding: \$18M estimated (IMF, Traffic Camera Revenues, ARPA funds)
 - \$5M Special Allocation; \$5M from IMF share formerly allocated to DPW
- 2025 Goal: Clean 10-15% of the system (4-5% internal 10% contractor efforts)
- Cleaning contractor proposals received with award anticipated in April mtgs
- · Repairs contract change order being routed and advertisement for larger repairs pending
- Initial engineering/management contract with consultant executed
- Permanent engineering consultant advertisement advertised shortly





Drainage Consolidation Internal Efforts

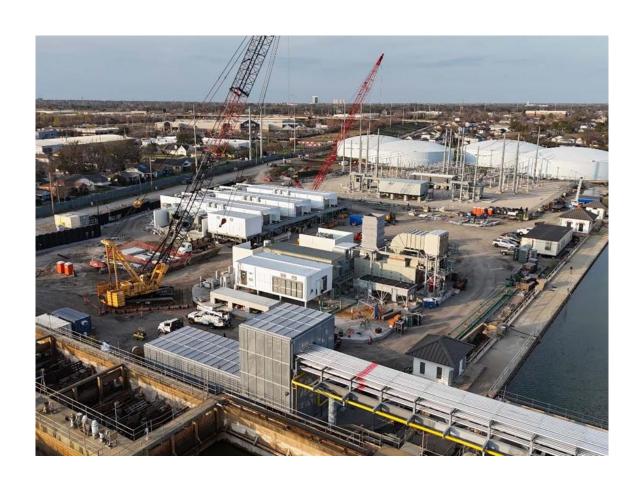
- 4 of 5 DPW vac trucks have been received
- Completed Cleaning on over 39,162 linear feet of drain lines and 569 storm drain structures
- Collected over 500,000lbs of debris
- Initial assessments showing 50% of lines require cleaning
- · Assessments and cleanings based on 311 data ongoing
- Developing workforce by hiring and training staff continues





The Power Complex

- Anticipated to come online in Summer 2025
- All Major Equipment Delivered
 - CTG7, SFCs, Auxiliaries
- Utility Rack cabling installation is ongoing
- Commissioning and Testing Planning
- DOE Grant secured through DNR
 - Next Steps: Subrecipient agreement





The Power Complex

WPC Program	- Phase 1 Completion Schedule - March 2025												
Element	WPC Schedule	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
Preparation	1418 (Utility Rack)	Comp											
Activities	1415 Piling, Underground Ductbank, Foundations, Retaining Wall	Comp	olete										
1420 Install & Commission Eqiuipment	1420 Install SFC 1 / Interconnect Modules / Set Ancilliary Eqpt (1417) 1420 Install SFC 2 / Interconnect Modules / Set Ancilliary Eqpt (1417) 1420 Install SFC 3 / Interconnect Modules / Set Ancilliary Eqpt (1417) 1420 Install Interim Switchgear PDC 2 (1427) 1420 Install Switchgear PDC 1 (1427) Interconnect cables from SFCs to Central Control Interconnect to Entergy Sullivan Substation Design / Implement PDCS Control System Startup/Commission individual SFC's & PDC's							A	22	***			
	1420 Set/Assemble GSU6/GSU7 Transformers (1440) 1420 T250 CTG 7 / FGC / EER / XFMR Installation (1438)												
	1420 FO Tank Area Equipment Installation												
	Startup/Commission CTG T7 and ancilliary equipment									X			



Remaining Projects

Scope	Cost Estimate	Funding Source
Final Switchgear Supply	\$9M	DOE / local match
Operations Center	\$16M	DOE / local match
Final Integrations	\$8.2M	DOE / local match
Onsite solar microgrid	TBD	DOE / local match
Fuel Oil System	\$4.5M	Capital Outlay (2025 request)
Blackstart generator	\$3M	Capital Outlay (2025 request)
Drainage System Tie-in	\$2.1M	Capital Outlay (2025 request)
Turbine 8 Purchase/Install	\$25M	TBD



Power Complex Project Details

Power Complex – IMF Projects	Contract Amounts	Status
1. T7 solution	\$4,000,000	
Design	\$2,600,000	In progress
Additional turbine costs (storage, change orders)	\$1,400,000	Finalizing costs
2. Power Complex Integration + 2023/2024 Special Allocation	\$20,000,000	
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	Completed
1420 – Phase 1 Installation Contract	\$7,337,050	In progress
Change Order Contingency	\$1,098,316	Costs assigned to 1415 and 1417
3. Supplemental Support for Power Complex	\$10,000,000	
Jacobs Engineers – Phase 1 completion	\$3,800,000	2025 costs (reclassification)
Power Engineers – Phase 1 Completion and Phase 2 Design/Initiation	\$2,300,000	2025 costs (reclassification)
1420 Change Order Contingency	\$3,900,000	



Infrastructure Maintenance Fund Status

- Total Revenues inception to date: \$77,457,638 (through December)
- Total Expenditures inception to date: \$39,353,142
- Allocated to IMF Projects (awarded or designed contracts): \$64.5M
- Recent expenditures:
- Water Quality Master Plan \$700K
- Water Filter Gallery Rehabilitation \$2.1M
- Power Complex \$2.4m

Month	IMF Revenue
Oct 2024	\$2M
Nov 2024	\$1.17M
Dec 2024	\$1.42M



Funding Requests

Current

- FY25 Smart Metering Project Completion and Change Order Contingency - \$8M
- FY25 Drainage Stormwater Rate Study \$1.5M
- FY25 Power Complex \$6.1M Professional Services related to finishing Phase 1 and design for Phase 2 (Reclassification)

Potential

FY25 Critical Water & Sewer Distribution Network Repairs \$TBD

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 2021 339.083 January 4/9/2021 February 2021 467,665 5/7/2021 2021 489,066 March 7/30/2021 2021 831,941 April 7/30/2021 2021 867,499 May 9/29/2021 2021 859,495 June 9/29/2021 1,037,999 2021 July 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 2022 1,531,207 June 8/24/2022 2022 1,119,291 July 10/20/2022 2022 1,930,992 August 10/24/2022 2022 1,063,217 September 11/28/2022 October 2022 1,222,930 1/18/2023 November 2022 1,663,964 1/23/2023 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 Special Allocation FY23 2023 6/5/2023 5.000.000 8/17/2023 1,521,086 June 2023 8/17/2023 July 2023 1.146.823 9/20/2023 1,010,476 August 2023 10/23/2023 September 2023 973.306 12/1/2023 2023 1.101.902 October 1,009,820 1/9/2024 November 2023 2/2/2024 December 2023 1,963,605 3/15/2024 1,389,659 January - Corrected 2024 5/2/2024 February 2024 1,595,143 2/1/2024 Special Allocation FY23 5,000,000 2024 5/3/2024 March 2024 1,173,496 6/18/2024 April 2024 2,461,756 7/17/2024 2024 1,524,484 May 8/26/2024 June 1,546,727

2024

2024

2024

2024

2024

2024

557,954

1,027,282

493,550

1,992,590

1,171,611

1.429.028

\$77,457,638

EXPENDITURES:

Description	Amount
5% cash payment required to match current year federal funding for the SELA Program, due 8/1/2020	\$1,030,625
Olameter Corporation Contract for Meter Reading Services for Contract Readers. August Thru December 2020 Olameter Corporation Contract for Meter Readina Services for	410,788
Contract Readers. Revised September 2020 Invoice	13,801
Olameter Corporation Contract for Meter Reading Services for Contract Readers. January 2021	70,263
5% cash payment required to match current year federal funding for the SELA Program	2,486,836
Asset Management assessment project for establishing a strategy for procurement and needs assessment Pre FY23	
Raftelis Financial Consultants Contract for Consulting Services for Utility Strategic Planning.	533,729
Smart metering design and program management	5,009,449
Sycamore Filter Gallery water purificiation rehabilitation	4,633,864
Raftelis Financial Consultants Contract for Stormwater Fee Study	440,795
Design costs related to the acquisition of Turbine 7	3,080,252
Power Complex Contracts (Auxiliary Power system and step up transformers)	11,095,395
Acceleration of Paving Contracts	6,500,000
Critical Water and Sewer Network Distribution Repairs	5,500,000
Asset Management RFP Planning and Needs Assessment	252,186
Water Quality Master Plan	708,196
FY23, FY24, FY25 to date	\$37,753,865
	5% cash payment required to match current year federal funding for the SELA Program, due 8/1/2020 Olameter Corporation Contract for Meter Reading Services for Contract Readers. August Thru December 2020 Olameter Corporation Contract for Meter Reading Services for Contract Readers. Revised September 2020 Invoice Olameter Corporation Contract for Meter Reading Services for Contract Readers. January 2021 5% cash payment required to match current year federal funding for the SELA Program Asset Management assessment project for establishing a strategy for procurement and needs assessment Pre FY23 Raftelis Financial Consultants Contract for Consulting Services for Utility Strategic Planning. Smart metering design and program management Sycamore Filter Gallery water purificiation rehabilitation Raftelis Financial Consultants Contract for Stormwater Fee Study Design costs related to the acquisition of Turbine 7 Power Complex Contracts (Auxiliary Power system and step up transformers) Acceleration of Paving Contracts Critical Water and Sewer Network Distribution Repairs Asset Management RFP Planning and Needs Assessment Water Quality Master Plan

TOTAL EXPENDITURES \$41,897,120

Amounts Available for IAB Projects \$35,560,518

10/10/2024

10/8/2024

11/20/2024

12/16/2024

1/28/2025

2/6/2025

TOTAL REVENUES

August

October

September

November

December

Line	Line						2	023		2024 2025									Beginning Fund Balance 1/1/23 27,044,139		
1	[1	1	1		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
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	2,078,787	4,593,229	4,090,820	4,090,820	4,090,820	4,090,820		59,659,744		
4	Proposed revenue allocation ³ :																				
5	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		
3	Infrastructure Modernization and Technological					300,000	340,000	340,000	340,000	340,000	340,000	340,000	340,000	340,000	340,000	340,000	340,000		0,300,000		
6	Improvements (B)					3,358,918	2,743,335	2,000,000	2,000,000	2,000,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000		20,102,253		
7 8	Infrastructure Power Complex (C)					1,090,000	6,635,000	590,605	1,535,326	6,618,298	2,992,966	538,787	3,053,229	2,550,820	2,550,820	2,550,820	2,550,820		33,257,491		
0					Expended																
					inception to																
9	Project List: Type	Project status	IAB Status	Project Amount	date at 1/1																
10	Asset management software system (B)	assessment	approved	1,650,000	(130,940)		-	-	-			-	(130,940)	(121,245)	(200,000)	(238,000)	(500,000)		(1,321,126)		
11	Acceleration of Paving Contracts (A)	ongoing	approved	4,000,000				(2,000,000)	(1,000,000)	(1,000,000)									(4,000,000)		
12	FY24 Acceleration of Paving Contracts (Continuation) (B)	ongoing	approved	4,000,000						(1,250,000)	(1,250,000)	(1,000,000)	(500,000)						(4,000,000)		
12	Water Treatment Plan Improvements: Sycamore Filter	Oligonia	ирргочеи							, , , ,	(1,230,000)	(1,000,000)	(500,000)								
13	Gallery (A)	ongoing	approved	3,000,000	-	(1,000,000)	(455,924)	(288,787)	(348,005)	(257,461)									(2,350,177)		
14	Construction of a new Bulk Chemical Feed and Storage Facility (A)	planning	approved	4,000,000	-										deferred				0		
15	FY24 - Replacement of New River Intake Fender System (A)	planning	approved	6,000,000											deferred				0		
13	FY24 - Water Treatment Plan Improvements: Sycamore	planning	арргочец	0,000,000											deletted						
16	Filter Gallery (Continuation) (A)	ongoing	approved	3,000,000								0	0	(2,123,243)	(900,000)	0			(3,023,243)		
17	Smart Metering Program Management (B)	ongoing	approved	4,000,000	(1,461,673)	(101,572)	(283,663)	(429,473)	(455,687)	(490,000)	(469,000)	(539,433)	(419,832)						(4,650,332)		
18	Smart Metering Implementation ² (B)	ongoing	approved	15,000,000											(5,000,000)	(5,000,000)	(5,000,000)		(15,000,000)		
19	Master Plan/Strategic Plan (B)		approved	500,000	(533,729)										(0)000,000	(0,000,000)	(0,000,000)		(533,729)		
20	FY24 - Water Quality Master Plan (B)	new	approved	1,500,000	(555). 25)							0	_	(708,196)	(250,000)	(250,000)	(250,000)		(1,458,196)		
21			approved	250,000			(245,795)					· ·		(100)150)	(250)000)	(250,000)	(230,000)		(245,795)		
21	Drainage Stormwater Fee Study (B)	ongoing	арргочец	250,000	-		(245,795)												(245,795)		
22	FY24 - Drainage Stormwater Fee Analysis (Continuation) (B)		approved	200,000	(4.245.405)	(240.047)	(400 226)	(222.444)	(247.077)		(50,000)	(50,000)	(95,000)	(040 622)	(200,000)	(200,000)	(200,000)		(195,000)		
23	T7 Solution (C)	ongoing	approved	4,000,000	(1,246,195)	(218,947)	(180,326)	(332,114)	(217,077)			(50,000)	-	(848,623)	(300,000)	(300,000)	(300,000)		(3,993,282)		
24	Power Complex integration and auxiliary components ² (C)	ongoing	approved	20,000,000	-	(1,907,125)	(1,216,000)	(1,824,000)	(904,263)	(1,180,692)	(115,000)	(365,000)	(1,826,000)	(1,549,422)	(3,100,000)	(3,000,000)	(3,000,000)		(19,987,502)		
25	FY24 Supplemental support for Power Complex - Professional Services Phase 1 and 2 - *** (C)	ongoing	approved	10,000,000											(3,400,000)	(3,300,000)	(3,300,000)		(10,000,000)		
	FY24 Augmentation of Water Capital Repairs and Water																				
26	and Sewer O&M Repairs (B)	ongoing	approved	5,500,000									(5,500,000)						(5,500,000)		
27	Total - Currently approved IAB project list			84,950,000															0		
28																			0		
20																					
29	New Allocations Requested Q1 2025																		0		
30	FY25 Smart Metering Project Completion \$8m (B)														(2,500,000)	(2,500,000)	(3,000,000)		(8,000,000)		
21	FY25 Drainage Stormwater Rate Study - \$1.5m (B)														(500,000)	(500,000)	(500,000)		(1,500,000)		
31	FY25 Drainage Stormwater Rate Study - \$1.5m (B)														(300,000)	(300,000)	(300,000)		(1,500,000)		
32																					
33																		Total Expenditures:	(85,758,383)		
																		Projected Fund			
																		Balance			
34																		12/31/2025	945,500		

^{***} Initial Contract 1420 award Reclassified to \$10M in Power Contingency allocation for Professional Services related to completion of Phase 1 and initiation of Phase 2 (design/construction) due to CNO funding

² 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)

³ Allocation of IMF revenues used only for purposes of creating categories of potential types of infrastructure projects