

BUSINESS OFFICE, 4725 MOFFETT ROAD, MOBILE, ALABAMA
May 3, 2021

The Board of Water and Sewer Commissioners of the City of Mobile met virtually this Monday in their regular session at 2:00 p.m. at MAWSS' Park Forest Plaza.

PRESENT:

Mr. Walter Bell, Chair

Ms. Sheri N. Weber, Vice Chair

Mr. Thomas Zoghby, Secretary-Treasurer

Mr. Kenneth Nichols, Commissioner

Ms. Maria Gonzalez, Commissioner

Mr. Raymond L. Bell, Jr., Commissioner

Mr. Bud McCrory, Jr., Director

Mr. Douglas L. Cote, Assistant Director

Mr. Bradley Dean, Attorney

ABSENT:

Ms. Barbara Drummond, Commissioner

Chair W. Bell called the meeting to order and Commissioner Nichols gave the invocation. Mr. Woody Trimble, Jackson Thornton *[via videoconference]* addressed the Board to present **Item 8A** 2020 Annual Financial Report 'AFR' and stated he will present an abbreviated version of this year's audit which was discussed in detail with the Finance Committee at the April 26 committee meeting.

Mr. Trimble continued and directed attention to his shared screen on which he displayed the audit report. *In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type and fiduciary activities of The Board of Water and Sewer Commissioners of the City of Mobile, Alabama as of December 31, 2020 and 2019, and the respective changes in financial position, and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.* This statement means the organization has a clean opinion on the financial statements of the business type activity and fiduciary funds of the Board of Water and Sewer Commissioners of the City of Mobile. This is exactly what you want your auditors to provide when they give an opinion on your financial statements.

Because of SRF funding through the State of Alabama, Jackson Thornton performs a single audit on the schedule of expenditures of federal awards and in *our opinion, the supplementary information and the schedule of expenditures of federal awards are fairly stated, in all material respects, in relation to the basic financial statements as a whole.* This translates as a clean opinion and is what an organization wants the auditor to provide.

To point out a few highlights with the numbers:

- Balance sheet – December 2020 compared to December 2019
 - Current Assets – \$42,839,970 as compared to \$32,381,581 in 2019
 - Noncurrent Assets – Decreased by \$27,000,000
 - Utility Plant and Equipment – Increased by \$16,000,000
 - Construction in Progress - \$62,000,000 dollar increase
 - Total Assets and Deferred Outflows - \$777,724,864 in 2020 as compared to \$736,985,360 in 2019
- Current Liabilities
 - No significant changes
- Noncurrent Liabilities
 - Revenue Bonds Payable - \$259,448,333 in 2020 as compared to \$245,711,743 in 2019
 - Net Pension Liabilities - \$33,349,232 in 2020 as compared to \$29,293,515 in 2019
 - Total Net Position - \$429,555,340 in 2020 as compared to \$400,206,648 in 2019
- Statements of Revenues, Expenses, and Changes in Net Position
 - Total operating revenues - \$114,609,276 in 2020 as compared to \$109,237,875 in 2019
 - Operating Expenses – remained equivalent to 2019

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- Loss on Disposal of Assets – Decrease of approximately \$800,000
- Capital Contributions - \$5,324,654
- Change in Net Position - \$29,348,692 in 2020 as compared to \$18,805,192 in 2019

- Cash Flows from (Used For) Operating Activities
 - Receipts from customers/users - \$112,736,096 in 2020 as compared to \$108,984,338 in 2019
 - Payments to suppliers – remained equivalent to 2019
 - Payments to employees – remained equivalent to 2019

- Fiduciary Fund
 - Net Position restricted for OPEB - \$17,692,682 in 2020 as compared to \$16,228,403 in 2019

Mr. Trimble briefly highlighted each of the following notes:

1. Summary of Significant Accounting Policies
2. Deposits and Investments
3. Capital Assets and Accumulated Depreciation
4. Deferred Outflows and Inflows of Resources
5. Pension Plan
6. Other Post-Employment Benefits
7. Contingent Insurance Liability
8. Bonds Payable
9. Changes in noncurrent liabilities
10. Trusteed Funds and Other Restricted Funds
11. Operating Leases - Lessor
12. Construction Commitments
13. General Usage of the System
14. Risk Management
15. Contingencies
16. Trust Agreement Compliance
17. Subsequent Events

Referencing the ‘Single Audit Section’, because the Board has SRF funding, the organization falls under single audit guidance and internal control has to be determined in relation to compliance. Mr. Trimble concluded his presentation and stated, *given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses*, which is again, a clean opinion on internal controls as it relates to the financial statements.

The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards. In our opinion, the Board complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended December 31, 2020. This is a clean opinion on the single audit and the auditee is qualified as a low-risk auditee.

Commissioner Zoghby thanked Mr. Trimble for his truncated presentation; his brevity of the discussion held last week in the committee meeting is appreciated. In 2019, the Board asked staff and the auditors to accelerate this process and they were able to surpass that goal this year. As Chair of the Finance Committee, he is pleased with the performance of the Accounting Department and the auditors.

Chair W. Bell noted that the Accounting Department has received accommodations 19 years in a row and we look forward to continuing that trend. The presentation by Jackson Thornton was concise and well presented. In following the auditing process, is there a need for the Board to enter into an Executive Session to discuss any of the findings? Mr. Trimble responded and said there are no findings that require discussion.

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Committee Reports was next. Commissioner Zogby updated the Board on the Finance Committee meeting conducted on April 26. In addition to reviewing the audit in detail, the committee discussed insurance renewals, which include general liability, auto liability, directors/officers/employment practices and cyber liability. These are approaching renewal June 1, 2021.

Our insurance brokers provided reports for review during the meeting and there were positive results on the auto exposure liability for the last several years. Premium renewals should be ready for presentation within the next few weeks.

Commissioner Zoghby concluded his update and stated that the committee discussed bond refinancing, the team has been selected, and they are moving forward with document preparations.

Mr. McCrory reported on the Growth and Development/Infrastructure/Property Committee meeting that was held on April 19. The committee discussed the (sewer access fee) customers and allowed five customers to call in and address the committee and share their concerns.

The committee also reviewed the committee charter in preparation for approval by the Board. Multiple property matters, including, Langan Park, Springhill Reservoir, Ziebach Property Sale, Nortons Lane (Eslava Creek Basin), and the Glenwood Drive Property were discussed. Mr. Moore reviewed Big Creek Lake Access at Hwy 98 bringing attention to concerns MAWSS has about the location underneath the bridge on Moffett Road, he highlighted how we are planning to address those issues by limiting access in conjunction with the State.

In addition, MAWSS will be relinquishing rights back to the EMA office and the committee will be bringing more information on that matter in the near future. Attorney Dean updated the committee on the progress with Copeland Island.

Mr. McCrory finished his report and said the committee is in the process of strengthening the Supplier Diversity Policy and bringing information for a Property Purchase Policy to the committee for discussion.

Visitors was next and Mr. McCrory read the following Resolution for Retiree into record:

RESOLUTION

WHEREAS, MS. ANGELA B. DOUGLAS, Maintenance Clerk/Dispatcher, began her employment with the Board of Water and Sewer Commissioners on December 10, 2005, as a classified employee, and has worked continuously since; and

WHEREAS, she served the System faithfully for over 15 years, performing her duties with the highest quality, working in a cooperative spirit with her fellow employees, and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF WATER AND SEWER COMMISSIONERS OF THE CITY OF MOBILE that **MS. ANGELA B. DOUGLAS**, whose retirement was effective May 1, 2021, be recognized and commended for her years of service to the Board of Water and Sewer Commissioners of the City of Mobile and to the citizens of Mobile.

ADOPTED this 3rd Day of May, 2021.

Ms. Douglas served in several different departments during her employment at MAWSS. She worked in different capacities within the Customer Service Department and then transferred to the Maintenance Clerk/Dispatcher Department. She was always eager to provide assistance and go the extra mile. She displayed a positive attitude that in turn reflected on her coworkers. She will be missed in both departments and we wish her the best in her retirement.

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The **Minutes of April 5, 2021** were presented for approval. Commissioner Zoghby moved for approval and Commissioner R. Bell seconded. The motion then carried with the unanimous vote of the Board present.

Bids and Purchasing was next:

**Item 5A Jacobs Project No. D3226100
 C.C. Williams WWTP Dewatering and Other Improvements Project**

Original Estimate:		Current Estimate:	
Construction:	\$19,315,000	Construction:	\$21,500,000
Engineering:	<u>\$ 2,425,060</u>	Engineering:	<u>\$ 2,632,693</u>
Total Original Estimate:	\$21,740,060	Total Current Estimate:	\$24,132,693

Mr. Cote addressed the Board and said the engineers estimate was \$21,500,000. There were three bidders, with the apparent low bidder being The Creel Company in the base bid amount of \$21,842,222. Staff will bring this item back to the Board at the June meeting to request award.

Item 5B RFP 21-001 Cloud Based Contact Center Infrastructure Solution
Supplier: NICE InContact
Value: \$48,852

Mr. Butt presented this item to the Board and said staff recommends approval to replace the existing call center system with this cloud based application. It is compatible with the current telephone system and will allow chat functionality with our customers over the web. Commissioner R. Bell moved for approval and Commissioner Zoghby seconded. The motion then carried with the unanimous vote of the Board present.

Item 5C IFB 21-017 Annual Contract for Custodial Services
Supplier: Godfrey Environmental
Contract Period: 5/1/21-4/30/22
2021 Value: \$108,240

Mr. McCrory addressed the Board and said this item will cover eleven zones and we ask the Board to approve this contract. Commissioner Nichols moved for approval with a question and Commissioner Weber seconded.

Commissioner Nichols in reviewing the supporting documentation for this item, said zones 1-3 had different bidders that were lower than the referenced supplier was. The agenda packet states they were deemed non-compliant with the DBE policy. How did Able Janitorial and GAB Industrial fail to be in compliance? Mrs. Thomas responded and clarified, it was not that the suppliers were in non-compliance with our DBE policy, they submitted incomplete sub-forms. Chair W. Bell asked if this is indicative of a training failure on our part. Mr. McCrory said in regards to one of the suppliers, staff requested further information and it was never submitted. They will fill out some of the forms but not all of them, as is required.

Commissioner Nichols commented and said while it is disappointing that this deficiency means the Board has to spend more on zones 1-3, but Able Janitorial and GAB Industrial are both locally owned businesses. Godfrey Environmental being based out of Florida means not only are we spending more, but also the dollars will be going out of state. Mr. McCrory responded and stated his disappointment is understandable, but he would like to inform the Board that Able Janitorial is a subcontractor for Godfrey Environmental. Mrs. Thomas said that is correct.

Chair W. Bell questioned if this brings to light the need for more training on form completion in regards to the DBE program, staff should discuss. The motion then carried with the unanimous vote of the Board present.

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Item 5D **IFB 21-020 Purchase Three (3) Portable Trailer Mounted Generators**
Supplier: Technology International
Value: \$89,715

Mr. Cote presented this item for approval to the Board. These generators will provide a power source to some of the smaller lift stations during generalized power outages. There were four bidders and the low responsive and responsible bidder was Technology International in the amount of \$89,715.

Commissioner Nichols moved for approval and Commissioner Weber seconded. Chair W. Bell asked why Thompson Tractor failed to meet bid specifications. *Mr. Cote responded and said Thompson Tractor did not meet specifications in regards to the horsepower, head conditions and the pump capacity requirements. The motion then carried with the unanimous vote of the Board present. *Via email received May 4, 2021 – Mr. Cote requested this clarification to his response: *The low bidder was not selected because the engine did not meet specifications for horsepower and performance. The generator did not meet capacity requirements and the sound enclosure was made of plastic in lieu of the required steel.*

Item 5E **AMI Project Sensus Annual Support Fees, Year 4 of 5**
Supplier: Core & Main
Contract Period: 5/15/21-5/14/22
2021 Value: \$136,695
2020 Value: \$98,595

Mr. McCrory reviewed this item and requested approval from the Board. We use this software to read the meters, provide reports and our customers use it through the portal. The dollar increase from 2020 to 2021 is due to the number of meters we now have installed. Commissioner Nichols moved for approval and Commissioner Gonzalez seconded. The motion then carried with the unanimous vote of the Board present.

Item 5F **Co-op Purchase of a Replacement Generator and Automatic Transfer Switch**
Supplier: Thompson Power Systems
Value: \$44,908

Mr. Cote addressed the Board and said this item is for the switch at the Pinto Island Lift Station. We ask the Board for approval. Commissioner Weber moved for approval and Commissioner R. Bell seconded. The motion then carried with the unanimous vote of the Board present.

Legal was next and Attorney Dean said there are matters appropriate for discussion in an Executive Session.

There were no items of **Unfinished Business**.

New Business was next and they are as follows:

Item 8A **2020 Annual Financial Report**

Mr. McCrory addressed the Board and said as reviewed by Mr. Woody Trimble of Jackson Thornton during the Finance Committee meeting held on April 26, 2021 and at the beginning of today's Board meeting, we request acceptance of the 2020 Annual Financial Report (AFR) as stated. Commissioner Zoghby moved for acceptance and Commissioner R. Bell seconded. Chair W. Bell commended staff on a job well done. The motion then carried with the unanimous vote of the Board present.

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Item 8B HDR Project No. 10195981 Stickney Reservoir Improvements

Mr. Cote addressed the Board and stated the budget for this project is \$6,300,000 and the engineers estimate was \$7,100,000. The low responsible and responsive bidder price was \$9,800,000 which staff considered prohibitive. The market at this time is having a negative impact and we ask the Board to approve the rejection of all bids and come back at a later time in the year to review and rebid this project. It is not the highest of the three water treatment plant projects in process at this time, so staff will move it to the back and proceed with the others. Commissioner Nichols moved for approval and Commissioner Zoghby seconded. The motion then carried with the unanimous vote of the Board present.

Item 8C McCrory & Williams Project No. M5712-2643 CIPP Small (8"-15") Diameter

Mrs. Clark addressed the Board and said on April 17, 2021 an unusual wet weather overflow was recorded upstream of the Grove Street Lift Station. After crew investigation of the area for sources of inflow and infiltration, they discovered numerous gushers entering the mainline and manholes. In an effort to reduce these sources of inflow and infiltration in a small system, staff would like to perform an in-house system rehabilitation project with previously bid annual contracts. We would like to request spending authority be increased by \$300,000 in order to install cured in place liners upstream of Grove Street Lift Station for the prevention of storm water entering sanitary sewer lines during periods of heavy rainfall for a total spending authority of \$400,000.

Commissioner Nichols asked the date of the overflow. Mrs. Clark responded and said the overflow began on April 17 and ended on April 18, 2021. It should be noted that for the month of April 2021, Mobile has incurred 12.7" of rainfall, which is 8" above the normal amount. The referenced area is not typically reported for overflows during wet weather events. In the past, if an overflow is reported at this location it was due to a power outage. Commissioner R. Bell moved for approval and Commissioner Zoghby seconded.

Commissioner Nichols queried if this project would be completed with the three annual contracts that are already in place. If approved, this would exhaust the funds as approved in the 2021 budget. How does staff plan to move forward for the remainder of the year? Mrs. Clark responded and said the 2021 annual contracts were underfunded because we were completing \$2,600,000 in rehabilitation in the Perch Creek area funded by a grant that the Board has received. Emergency funds for unanticipated projects are pulled from a system rehab fund that is already in place.

Mr. McCrory expressed that the referenced overflow was unexpected and staff would like to use the annuals in an effort to stop the sources of inflow and infiltration at that location. As Mrs. Clark has explained, we do have emergency funds and staff will tackle any others as/if they occur for the remainder of the year. Commissioner Nichols said he does not recall staff ever requesting the use of multiple annual contracts and he would not want this to be the start of a recurring solution to unforeseen issues.

Mrs. Clark responded and said a different approach was taken for the current budget year in terms of the rehabilitation contracts process. The motion then carried with the unanimous vote of the Board present.

Item 8D McCrory & Williams Project No. M5712-2694 CIPP Public Sanitary Sewer Laterals

Mrs. Clark continued and said staff requests spending authority be increased for the referenced contract in the amount of \$197,025 bringing the total spending authority to \$297,025. Commissioner R. Bell moved for approval and Commissioner Gonzalez seconded. The motion then carried with the unanimous vote of the Board present.

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Item 8E McCrory & Williams Project No. M5712-2695A Manhole Rehabilitation

Mrs. Clark said staff requests spending authority be increased for the referenced contract in the amount of \$72,230 for a total requested spending authority of \$382,230. Commissioner Gonzalez moved for approval and Commissioner R. Bell seconded. The motion then carried with the unanimous vote of the Board present.

Item 8F Volkert Project No. 1025614 Craft Highway 20" Water Main

Mr. Russell addressed the Board and said staff has received a request from Grant Nichols Construction Inc. to add C & H Construction to their list of approved subcontractors for the referenced project. This addition will not change the DBE percentages of the project, which is 19.9%. After review by staff, we recommend approval. Commissioner R. Bell moved for approval and Commissioner Weber seconded.

Chair W. Bell asked for clarification of the request. Mr. Russell responded and said as part of the requirements of the contract; if they add a subcontractor once they have submitted their bid and subcontracting plan, they must bring it back to the Board for approval of the addition. Mr. McCrory added that this is a topic, which will be introduced for discussion with the Bids and Purchasing/Corporate Responsibility Committee. The motion then carried with the unanimous vote of the Board present.

Item 8G Constantine Engineering Project No. 100316.32 B051A01 System Rehab – Phase I Change Order No. 1

Mrs. Clark reviewed this item and said Item 8G and Item 8H have similarities, they are both projects with Phase I rehabilitation upstream of the Florida Street and Mobile Street Lift Stations. The projects are nearing completion with lateral lining remaining. After the contractor completed video of the project, it was discovered there were lateral transitions at various locations instead of at the property line where they range from 6" to 4" with a clean out. This is an uncommon finding, and in order to install a two-size 'stitched together' lateral, a change order in the amount of \$88,750 [11% of the approved contract amount] is requested for approval by the Board.

Commissioner R. Bell moved for approval and Commissioner Gonzalez seconded. The motion then carried with the unanimous vote of the Board present.

Item 8H Driven Engineering Project No. 20019 Florida Street Sewer Rehabilitation – Phase I Change Order No. 1

Mrs. Clark continued and requested approval in the amount of \$68,066.53, which is 9.06% of the approved contract amount. Commissioner R. Bell moved for approval and Commissioner Zoghby seconded. The motion then carried with the unanimous vote of the Board present.

Item 8I Dewberry Engineers Inc. Project No. 50108991 Duncan Street Water and Sewer Improvements Change Order No. 1

Once this project commenced, the City realized that the deteriorated conditions of the storm drain system on Duncan Street and Dauphin Island Parkway would need replacement. The City submitted a request to MAWSS to add replacement of the storm drains, at their cost, to our existing project. The City is funding the entire cost of the sidewalk replacement, storm drain replacement and portions of street resurfacing.

Mrs. Clark concluded her review and requested approval of the change order in the amount of \$246,250, which is 31.56% of the approved contract amount. Commissioner R. Bell moved for approval and Commissioner Gonzalez seconded.

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Commissioner Nichols asked if the \$246,250 amount was presented by the City or was it a prorated share of costs. Mrs. Clark responded and said when the project was bid; quantities to replace drains on Duncan Street were included in case of damage. The price for the section located on Dauphin Island Parkway had to be negotiated due to line size differentials. The City's contribution is \$323,031.52, which decreases the portion paid by MAWSS. At the beginning of the project, MAWSS would have had 100% responsibility for all costs. The City will pay for all of the sidewalks and approximately half of the costs attributed to street resurfacing. The motion then carried with the unanimous vote of the Board present.

Item 8J Proposed Revisions to MAWSS Standard Specifications

Mr. Russell addressed the Board and stated, at the March 1, 2021 Board meeting the proposed changes, which reflect industry construction practices, processes and materials, and needed improvements to administrative requirements were presented for approval to advertise. These changes include Division III, which was reformatted in its entirety and Section 25, which is a new addition. These specifications will update standards that are thirty years old and we would like to propose a yearly review for changes moving forward.

The proposed changes were advertised for the required 30-day period and staff has received no comments or questions from the public pertaining to the changes. At this time, staff would like to request final approval from the Board. Commissioner R. Bell moved for approval and Commissioner Gonzalez seconded. The motion then carried with the unanimous vote of the Board present.

Item 8K Facilities for Acceptance:

1. Cottages at Schillinger's Pointe – Sewer Facilities
Value: \$172,232.91

Mr. Russell requested acceptance of the sewer facilities at the referenced site. It is a 180-unit facility and is located in the northeast corner of the intersection of Hitt Road and Schillingers Road. The Board previously accepted water and sewer facilities related to this project with the exception of a small gravity segment 800' in length. The project has since been completed and the easement has been granted for this section. We recommend acceptance for maintenance and operation. Commissioner Weber moved for approval and Commissioner Gonzalez seconded. The motion then carried with the unanimous vote of the Board present.

Item 8L 2020 Municipal Water Pollution Prevention (MWPP)

Resolution Form for the Clifton C. Williams WWTP NPDES Permit ID AL0023085

Item 8M 2020 Municipal Water Pollution Prevention (MWPP)

Resolution Form for the Wright Smith Jr. WWTP NPDES Permit ID AL0023094

Mr. Tillman addressed the Board with a PowerPoint presentation detailing the 2020 Municipal Water Pollution Prevention Reports for the Clifton C. Williams WWTP and Wright Smith Jr. WWTP. It is an annual report that is point based and is due to ADEM by May 31 each year.

The point structures are broken into eight categories and the majority of the points MAWSS receives are based on the age of treatment facilities, bypassing and sanitary sewer overflows. Classifications are based from the points received 0-70 as actions as appropriate. Most of our plants are in the departmental recommendation range, which means MAWSS makes the recommendation as to actions taken to reduce our points.

Clifton C. Williams WWTP scored 4 points on facility age, which is low, because reconstruction has been completed on the headworks and primary clarifiers. Inflow and Infiltration related overflows netted a score of 100 points, bringing the total for this plant to 104 points.

Wright Smith Jr. scored 40 points for facility age, which should change after project completion of their headworks and de-gritters. Inflow and infiltration related overflows netted a score of 50 points, bringing the total for this plant to 90 points.

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Mr. Tillman continued and briefly explained the scoring system on each slide showing the numerical breakdown and cause of the overflows at both plants. Blockages and mechanical failures are not counted against MAWSS in the MWPP report because they are corrected and are unlikely to reoccur. The resolution for each plant is a list of actions MAWSS is taking and will *continue* to take to prevent sanitary sewer overflows.

Chair W. Bell asked if MAWSS performs a comparison on points received with other surrounding water and sewer utilities. Mr. Tillman responded and said he has not seen scoring from other utilities, but he will research and provide that information to the Board.

Commissioner R. Bell moved for approval of the 2020 Municipal Water Pollution Prevention (MWPP) Resolution Form for the Clifton C. Williams WWTP NPDES Permit ID AL0023085 and the 2020 Municipal Water Pollution Prevention (MWPP) Resolution Form for the Wright Smith Jr. WWTP NPDES Permit ID AL0023094 to be sent to ADEM by May 31, 2021. Commissioner Nichols seconded. The motion then carried with the unanimous vote of the Board present.

Item 8N Financial Report

Mr. McCrory presented his report to the Board for the first quarter financials. As shown on his presentation, revenues are up 2.6% compared to actual from last year and are down .09% from the budget year to date. Expenses are up from actual and down compared to budget, net income is 1.5%, up from the net to actual from last year to current and 10.2% as compared to budget. Sewer is up from actual and down from budget to date and water is up on both. All other revenues are down due to proceeds from antennae rental on the tanks that has not yet been recorded.

Labor costs on contractual expenses and operating supplies are down in both and we will continue to monitor this. Contractual expenses are up from actual and down from budget. Operating expenses are up slightly. Regular pay, premium pay, and taxes and fringe are down to both actual and budget.

Mr. McCrory concluded his report and said staff will continue monitoring the numbers and report those findings to the Board. Chair W. Bell asked if there has been any hiring done within the last 12 months. Mr. McCrory responded and said yes, we have hired some new employees, promoted and filled vacant positions. He is doing an extensive internal review of the organization and this means we have not done as much hiring as we normally would have done in the same time span.

Shipyard Road Sanitary Sewer Overflow Presentation

Mr. Cote briefly updated the Board with a presentation on the April 26, 2021 overflow at 4519 Cypress Business Park. This is a depressed sewer, which is a line that typically runs beneath a body of water or depressing underneath some type of obstruction. Indicating a slide picturing I-10, Shipyard Road and the Halls Mill SWAB, the depressed sewer extends 1400' from manhole to manhole just south of the Halls Mill Lift Station. It is the longest depressed sewer in our system and the failure occurred on the upstream manhole where ductile iron pipe, corroded due to hydrogen sulfide, subsequently collapsed. The flow then backed up into the line, flowed to and discharged from this low manhole, ultimately discharging into these tributaries leading to Halls Mill Creek and approximately 552,000 gallons of sewer affected this area.

Crews setup two bypass pumps with one pumping out of the manhole at Cypress Park Drive and discharging into the indicated lift station. The second pump was setup with a tap into the Kerr McGee force main giving us the capacity to prevent further spillage.

The annual access road contractor was contacted to provide access to the point of the overflow and excavate down to the collapsed pipe enabling us to begin the repair. As shown on the next slide, hydrogen sulfide deteriorated the pipe severely over the twenty-year lifespan it has been in service.

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Crews have new lines in place, which will be lined with cured in place piping to provide protection from corrosion and staff would like to construct a parallel line as a redundancy. If the line should fail again, it will flow through the parallel line and continue to prevent overflows upstream.

We are using Barry Vittor & Associates, Inc. to collect samples to identify the impact the sanitary sewer overflow has had on the environment. They have been gathering samples since the beginning of this occurrence and this is standard protocol and allows us informed timing on when to notify the public that the area is safe for use after a spillage.

The guesstimated costs for repairs and bypassing will be approximately \$500,000. To install a parallel line is \$1,250,000-\$1,500,000 and the funds are in the budget. Mr. Cote said he feels it would be beneficial to inform customers in that area of the steps we are taking to prevent this happening again. He would like to ask for the Board's approval to move forward with the design and construction of the redundant line.

Commissioner Zoghby said although this was an unforeseen circumstance, is the twenty-year lifespan normal? Mr. Cote said it is not. The levels of hydrogen sulfide in the sewer system differ from place to place. There are some areas where it is not an issue and the pipes will last more than fifty years. In other areas, it is extremely corrosive and unfortunately, we do not know that until a failure occurs. It is very difficult to predict, we do video the sewer lines to access the conditions of them and we will review the history of this line. At this location, it is a 20' deep break.

Commissioner Zoghby continued and said since we do not have many of these types of lines, as a preventative measure, staff should look into a more aggressive and high priority video monitoring schedule. The efforts staff has displayed to repair this break are commendable, but we would like to be able to have prevented it.

Commissioner Nichols asked what material pipe is recommended for the redundant line. Mr. Cote responded and said high-density polyethylene from manhole to manhole. Commissioner Nichols said he is in favor of moving forward with the design of a redundant line, but the Board would need understanding on the bid pricing before a decision is made to go to construction. Mr. Cote said he understands and staff would follow normal bid procedures and bring it to the Board for approval.

Chair W. Bell asked if the chemical companies in the affected area could have had an effect on the life cycle of the pipe. Mr. Cote said our pretreatment program monitors those discharges and he has not seen anything from the chemical companies that would have negatively affected the pipe.

Commissioner Zoghby asked if the pipe, being depressed and difficult to repair, makes it more susceptible to corrosion. Mr. Cote answered and said yes it does. As indicated on the slide shown on screen, the pipe dips down and the gas will sit in the belly of the pipe. The higher the age of the sewage, the more likely it will gas off due to the lack of oxygen in the water.

Mr. Cote continued and said he will move forward with the design and keep the Board apprised of the schedule for bid and engineers estimate.

This project, in addition to the new SWAT and SWAB facilities coming into service should be lauded to the media and the public so that they are aware of the measures and expenditures the Board is making in order to complete this repair and prevent future occurrences of sanitary sewer overflows.

As mentioned in the Directors Report, emailed to the Board last week, staff is pleased with the performance measures of the new SWAT and SWAB tanks. Staff will continue providing this report to the Board on a monthly basis.

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Items presented to the Board for **Information Only** were:

Item 9 Information Only

- A. Ext 1 Annual Contract MAWSS 20008 for Aggregates – Various Size Limestone
Year 2 of 3
Supplier: Martin Marietta
Contract Period: 7/1/21-6/30/22
2021 Est Value: \$450,000
2020 Est Value: \$450,000

- B. Ext 1 MAWSS 20005 Annual Contract – Easement Tree Maintenance
Year 2 of 3
Supplier: Invasive Management
Contract Period: 5/1/21-4/30/22
Value: \$59,000

- C. Volkert Project No. 1025617
C.C. Williams P3 Digester Dome Removal
[Confirmation of Directors Award]
Low Bidder: Rob't. J. Baggett, Inc.
Amount: \$82,097

- D. McCrory & Williams Project No. M5712-2313 – Final Summary Change Order
Sewer & Water Improvements for Briley Street, Collins Street & Emogene Street
Original Contract Amount: \$1,717,808.00
Final Summary Change Order: \$ 48,788.53 +2.84%
Total Revised Contract Amount: \$1,766,596.53

- E. Revised Lead and Copper Rule Program Development Memo

- F. Disclosure of Property Purchases:
 - 1. Mobile County Key Nos. 974510, 973959
 - 2. Mobile County Key Nos. 1673772, 2600153, 974529, 974510, 973959, 3336081

- G. Sensitive Position Memo

- H. Consultant Project Status Reports
(March 2021)
 - 1. Asarisi & Associates, LLC
 - 2. CERM (No Active Projects)
 - 3. Constantine Engineering
 - 4. Dewberry
 - 5. Driven Engineering, Inc.
 - 6. GMC
 - 7. HDR
 - 8. Isaiah Engineering, Inc.
 - 9. Jacobs
 - 10. McCrory Williams
 - 11. Mobile Group, Inc.
 - 12. Mott McDonald
 - 13. Neel Schaffer, Inc.
 - 14. Stantec
 - 15. Volkert, Inc.

Minutes of the meeting of the Board May 3, 2021

There being no further business to come before the Board at 3:45 p.m., Commissioner Weber moved to adjourn to Executive Session and Commissioner Gonzalez seconded. The motion then carried with the unanimous vote of the Board present. At 3:55 p.m. the Board convened into **Executive Session**.

At 5:09 p.m. the meeting reconvened, Commissioner Zoghby moved to adjourn and Commissioner Weber seconded. The motion then carried with the unanimous vote of the Board present.

The next regular meeting is scheduled for June 7, 2021 at 2 p.m.



Thomas Zoghby, Secretary-Treasurer