

SEWERAGE & WATER BOARD OF NEW ORLEANS

FINANCE AND ADMINISTRATION COMMITTEE MEETING

FRIDAY, OCTOBER 08, 2021

9:00 AM

[October 2021 Finance Link](https://www.zoom.us/j/622640996)
[+1 504-224-8698](tel:+15042248698), [622640996#](https://www.zoom.us/j/622640996) United States, New Orleans
Phone Conference ID: 622 640 996#

PUBLIC COMMENT WILL BE ACCEPTED VIA EMAIL TO

BOARDRELATIONS@SWBNO.ORG. ALL PUBLIC COMMENTS MUST BE RECEIVED PRIOR TO
9:30 AM ON October 08, 2021. COMMENTS WILL BE READ VERBATIM INTO
THE RECORD.

Lynes Sloss Janet Howard
Joseph Peychaud Ralph Johnson Alejandra Guzman

FINAL AGENDA

1. **ROLL CALL**

2. **DISCUSSION ITEM**

- Financial Summary Update

3. **PRESENTATION ITEM**

- Review of January 1, 2021 Actuarial Valuation Results – Rudd & Wisdom

4. **ACTION ITEMS**

- Resolution (R-103-2021) Authorizing Agreement Between the City of New Orleans, Department of Public Works and the Sewerage and Water of New Orleans for WIFIA Funded Projects
- Resolution (R-104-2021) Request to Set Sewerage and Water Board Drainage Millage Rates for 2022
- Resolution (R-121-2021) Seventh Supplemental Sewerage Service Revenue Bond Resolution
- Resolution (R-122-2021) Resolution to Approve List of Law Firms to Provide Professional Legal Services

GENERAL SUPERINTENDENT'S REPORT

• **CONTRACT AWARDS/RENEWALS**

- Resolution (R-080-2021) Award of Contract 2150 – Leonidas Street (S. Claiborne Ave – Fig St) and Fig Street (Leonidas St – College Ct) 43” Watermain Replacement – TM006 – FEMA Project Worksheet 21031 to Wallace C. Drennan, LLC

- Resolution (R-081-2021) Authorization for Professional Services Agreement with Pure Technologies U.S. Inc dba Wachs Water Services for On-Call Water Valve Operation Services – Solicitation # SWB-2021-07
- Resolution (R-095-2021) Award of Contract for Professional Engineering, Construction Administration, and Inspection Services with POWER Engineers, Inc. for West Power Complex Group 3 Projects
- Resolution (R-102-2021) First Renewal of Contract YG20-0049 with Lard Oil for Furnishing and Delivering Gasoline and Diesel Fuel

- **CONTRACT CHANGE ORDERS**

- Resolution (R-094-2021) Ratification of Change Order No. 3 and Final Acceptance Between the Sewerage and Water Board of New Orleans and Max Foote Construction Company, Inc. for Contract 1404 – Algiers Water Purification Plant Improvements
- Resolution (R-088-2021) Ratification of Change Order No. 4 Between the Sewerage and Water Board of New Orleans and M. R. Pittman Group, LLC. for Contract 1377 – Water Hammer Hazard Mitigation Program Claiborne Ave Pumping Station and Off -Site Improvements
- Resolution (R-089-2021) Ratification of Change Order No. 5 Between the Sewerage and Water Board of New Orleans and Cycle Construction Company, LLC. for Contract 30109 – Sewer Pumping Station A Structural Rehabilitation
- Resolution (R-084-2021) Ratification of Change Order No. 4 Between the Sewerage and Water Board of New Orleans and Cycle Construction Company, LLC. For Contract 1403 – Demolition of Abandoned C7 and C8 Basins and Other site Improvements at the Carrollton Water Plant
- Resolution (R-096-2021) Change Order No. 2 Between the Sewerage and Water Board of New Orleans and Wallace C. Drennan, Inc. For Contract 30218 – Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites Throughout Orleans Parish
- Resolution (R-105-2021) Change Order No. 1 Between the Sewerage and Water Board of New Orleans and Wallace C. Drennan, Inc. For Contract 30217 – Cleaning and CCTV Inspection of Sanitary Sewer Mains at Scattered Sites within Orleans Parish
- Resolution (R-106-2021) Change Order No. 1 Between the Sewerage and Water Board of New Orleans and Wallace C. Drennan, Inc. For Contract 30219 – Restoration of Gravity Flow Sanitary Sewer Mains by Excavation and Replacement from Manhole to Manhole, CIPP Lining from Manhole to Manhole, CIPP Lining of Service Laterals and Point Repairs at Various Sites Throughout the City of New Orleans

- **CONTRACT AMENDMENTS**

- Resolution (R-082-2021) Authorization of Amendment No. 10 to the Agreement Between the Sewerage and Water Board of New Orleans and CH2M Hill Engineers, Inc for Program Management, Design and Engineering Services for the Retrofit Power Plant Hazard Mitigation Grant Project
- Resolution (R-090-2021) Authorization of Contract Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and G.E.C., Inc for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-093-2021) Authorization of Contract Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Mott MacDonald, LLC for Design and Engineering Services for the Waterline Replacement Program
- Resolution (R-101-2021) Authorization of Contract Amendment No. 3 to the Agreement Between the Sewerage and Water Board of New Orleans and Integrated Logistical Support, Inc. for Design and Engineering Services for the Waterline Replacement Program

5. PUBLIC COMMENT

Public comments received until 30 minutes after the presentation of the Agenda will be read into the record.

6. INFORMATION ITEMS

- FEMA July and September Project Worksheet Status
- Contracts Under \$1 Million or Less
- DBE Participation on Contracts
 - DBE Bid Analysis
 - Construction Review Committee – Goals Setting
 - Staff Contract Review Committee - Goals Setting
 - Final Acceptance of Construction Contracts with DBE Participation.

7. ADJOURNMENT

This teleconference meeting is being held pursuant to and in accordance with the provisions of Section 4 of Proclamation Number JBE 2020-30, extended by Proclamation 182 JBE 2021, pursuant to Section 3 of Act 302 of 2020.

EXECUTIVE SUMMARY

2021

A summary analysis of the financial results and other performance goals is attached for your further review.

All Systems (in millions)	August <u>MTD Actual</u>	August <u>MTD Budget</u>	Variance <u>MTD</u>	August <u>YTD Actual</u>	August <u>YTD Budget</u>	Variance <u>YTD</u>	<u>Annual Budget</u>
Operating Revenues	\$20.0	\$23.0	(\$2.9)	\$181.9	\$173.5	\$8.4	\$261.7
Ad Valorem / Other Revenues	(\$2.2)	\$2.5	(\$4.7)	\$63.7	\$59.1	\$4.6	\$67.3
Operating Expenditures	\$24.9	\$27.7	\$2.8	\$194.8	\$217.4	\$22.6	\$317.9

Revenues Less Adjusted Expenses (August 2021)

Revenues	Actual (MTD)	Budget (MTD)	2020 Actual (MTD)	Actual (YTD)	Budget (YTD)	2020 Actual (YTD)	Actual YTD as % of Budget YTD
Water Service	8,608,831	10,220,812	10,527,582	77,984,425	76,912,829	77,935,742	101%
Sewer Service	10,723,179	12,642,875	13,098,288	98,894,637	95,699,174	97,913,025	103%
Non Operating Revenue	(2,196,318)	2,526,571	162,936	63,665,006	59,055,687	63,865,624	108%
Misc Revenues	679,692	88,255	(1,226,863)	4,977,561	870,678	3,079,611	572%
Total Revenues	17,815,384	25,478,513	22,561,944	245,521,628	232,538,368	242,794,002	106%
Operating Expenses							
Water Service	7,882,277	10,470,410	8,760,233	67,138,020	83,948,802	60,800,296	80%
Sewer Service	10,085,540	11,421,970	9,349,174	82,093,832	89,753,963	67,849,622	91%
Drainage Service	6,923,461	5,829,008	5,958,336	45,579,270	43,725,683	44,104,520	104%
Total Expenses	24,891,278	27,721,387	24,067,743	194,811,121	217,428,448	172,754,438	90%
Interest Expense	1,289,801	1,880,635	1,666,760	12,471,401	15,045,078	13,599,437	83%
Revenues less Expenses	(8,365,695)	(4,123,509)	(3,172,559)	38,239,106	64,842	56,440,127	58973%
Non-Cash Expenses	8,817,134	10,034,417	6,681,751	67,559,714	82,828,153	51,925,759	82%
Revenues less Adjusted Expenses	451,439	5,910,909	3,509,192	105,798,820	82,892,995	108,365,886	128%

MONTHLY FINANCIAL REPORT

Cash Collections

Historical Monthly Water and Sewerage System Cash Collections

2021 Water Collections			
Months	Water Service Charges & Fees	Delinquent Fees	Total
January	\$ 7,795,274	\$ 25,951	\$ 7,821,225
February	\$ 7,291,874	\$ 21,589	\$ 7,313,463
March	\$ 8,468,654	\$ 32,902	\$ 8,501,556
April	\$ 6,992,561	\$ 82,149	\$ 7,074,710
May	\$ 6,842,265	\$ 301,020	\$ 7,143,285
June	\$ 8,791,128	\$ 16,617	\$ 8,807,745
July	\$ 8,685,082	\$ 28,675	\$ 8,713,757
August	\$ 10,180,011	\$ 119,475	\$ 10,299,486
Last 12 months (Aug)			
\$ 98,657,881			
TOTAL	\$ 65,046,849	\$ 628,378	\$ 65,675,227

2020 Water Collections			
Months	Water Service Charges & Fees	Delinquent Fees	Total
January	\$ 9,370,008	\$ 193,867	\$ 9,563,875
February	\$ 8,510,690	\$ 162,949	\$ 8,673,639
March	\$ 8,510,036	\$ 162,272	\$ 8,672,308
April	\$ 6,519,253	\$ 279,649	\$ 6,798,902
May	\$ 7,900,869	\$ 105,513	\$ 8,006,382
June	\$ 7,267,122	\$ 82,830	\$ 7,349,952
July	\$ 8,048,453	\$ 43,613	\$ 8,092,066
August	\$ 8,528,091	\$ 39,029	\$ 8,567,120
September	\$ 8,829,034	\$ 28,497	\$ 8,857,531
October	\$ 7,613,451	\$ 24,426	\$ 7,637,877
November	\$ 7,190,806	\$ 24,456	\$ 7,215,262
December	\$ 9,225,677	\$ 46,307	\$ 9,271,984
TOTAL	\$ 97,513,490	\$ 1,193,408	\$ 98,706,898

2019 Water Collections			
Months	Water Service Charges & Fees	Delinquent Fees	Total
January	\$ 7,269,033	\$ 145,536	\$ 7,414,569
February	\$ 6,261,340	\$ 136,461	\$ 6,397,801
March	\$ 6,835,909	\$ 98,609	\$ 6,934,519
April	\$ 8,024,726	\$ 182,469	\$ 8,207,195
May	\$ 8,128,278	\$ 148,478	\$ 8,276,756
June	\$ 7,547,372	\$ 150,562	\$ 7,697,934
July	\$ 9,662,101	\$ 194,163	\$ 9,856,264
August	\$ 8,483,471	\$ 190,224	\$ 8,673,696
September	\$ 8,246,459	\$ 171,490	\$ 8,417,949
October	\$ 10,133,620	\$ 192,930	\$ 10,326,549
November	\$ 9,064,555	\$ 213,662	\$ 9,278,216
December	\$ 8,126,348	\$ 141,736	\$ 8,268,084
TOTAL	\$ 97,783,213	\$ 1,966,318	\$ 99,749,531

2021 Sewerage Collections			
Months	Sewerage Service Charges & Fees	Delinquent Fees	Total
January	\$ 11,154,460	\$ 32,427	\$ 11,186,887
February	\$ 10,824,014	\$ 27,378	\$ 10,851,392
March	\$ 13,313,818	\$ 39,070	\$ 13,352,888
April	\$ 10,674,611	\$ 76,636	\$ 10,751,247
May	\$ 10,202,126	\$ 319,313	\$ 10,521,439
June	\$ 12,359,408	\$ 21,836	\$ 12,381,244
July	\$ 12,271,372	\$ 37,186	\$ 12,308,558
August	\$ 8,094,146	\$ 136,152	\$ 8,230,299
Last 12 months (Aug)			
\$ 132,917,271			
TOTAL	\$ 80,799,809	\$ 689,997	\$ 89,583,953

2020 Sewerage Collections			
Months	Sewerage Service Charges & Fees	Delinquent Fees	Total
January	\$ 12,683,216	\$ 247,883	\$ 12,931,099
February	\$ 11,510,258	\$ 213,939	\$ 11,724,198
March	\$ 12,337,081	\$ 207,785	\$ 12,544,866
April	\$ 9,460,656	\$ 149,191	\$ 9,609,847
May	\$ 10,703,694	\$ 136,628	\$ 10,840,322
June	\$ 10,485,228	\$ 105,070	\$ 10,590,298
July	\$ 11,609,615	\$ 54,036	\$ 11,663,651
August	\$ 11,850,512	\$ 47,804	\$ 11,898,316
September	\$ 11,927,583	\$ 35,569	\$ 11,963,153
October	\$ 10,112,092	\$ 29,194	\$ 10,141,285
November	\$ 8,981,302	\$ 29,429	\$ 9,010,731
December	\$ 12,159,920	\$ 58,229	\$ 12,218,149
TOTAL	\$ 133,821,157	\$ 1,314,758	\$ 135,135,915

2019 Sewerage Collections			
Months	Sewerage Service Charges & Fees	Delinquent Fees	Total
January	\$ 10,283,064	\$ 183,074	\$ 10,466,138
February	\$ 8,856,052	\$ 174,247	\$ 9,030,299
March	\$ 10,920,960	\$ 123,706	\$ 11,044,666
April	\$ 11,750,766	\$ 171,101	\$ 11,921,867
May	\$ 11,709,701	\$ 184,362	\$ 11,894,064
June	\$ 10,666,270	\$ 193,564	\$ 10,859,833
July	\$ 12,418,687	\$ 240,120	\$ 12,658,808
August	\$ 11,484,227	\$ 244,491	\$ 11,728,718
September	\$ 11,249,671	\$ 225,192	\$ 11,474,863
October	\$ 13,327,187	\$ 246,420	\$ 13,573,607
November	\$ 7,943,403	\$ 256,514	\$ 8,199,917
December	\$ 11,698,150	\$ 180,495	\$ 11,878,645
TOTAL	\$ 132,308,137	\$ 1,966,318	\$ 134,731,424

Monthly Financial Dashboard

SWBNO Monthly Financial Dashboard

	August 2021			August 2020		
	Water	Sewer	Drainage	Water	Sewer	Drainage
1 Operating Revenues by class of service	\$8,608,831	\$10,723,179		\$10,527,582	\$13,098,288	
2 Revenues per Active account	\$62	\$77		\$77	\$95	
3 Cash Collections	\$10,299,486	\$8,230,299		\$8,567,120	\$11,898,316	
4 Ad Valorem - other revenues			\$2,444,068			\$159,205
5 Operating & Maintenance (O&M) Expenses	\$7,882,277	\$10,085,540	\$6,923,461	\$8,760,233	\$9,349,174	\$5,958,336
6 O&M cost per Active account	\$57	\$72	\$50	\$64	\$68	\$43
7 Cash, Cash Equivalents and Funds on Deposit	\$36,454,469	\$50,431,105	\$41,513,429	\$23,642,439	\$39,365,856	\$42,006,543
Liquidity						
8 Current ratio (current assets/current liabilities)	2.3	4.8	3.7	2.3	6.1	3.8
9 Days cash on hand (>90 days required)	172	217	n/a	155 ¹	210 ¹	n/a
				¹ - as of July 2021		
Leverage						
10 Debt (bonds)	\$204,657,530	\$301,463,188	\$3,969,175	\$209,488,561	\$235,224,346	\$5,902,444
11 Preliminary Debt Service Coverage (>1.25 required)	5.47	5.48	n/a	2.80 ²	2.75 ²	n/a
12 Total Assets	\$819,829,140	\$1,325,366,486	\$1,684,202,346	\$736,887,775	\$1,228,780,078	\$1,584,003,404
13 Net Position	\$464,977,661	\$859,369,267	\$1,327,588,097	\$391,759,692	\$838,344,607	\$1,190,885,278
14 Leverage (total debt/ total assets)	25%	23%	0%	28%	19%	0%
15 Debt/ net position	44%	35%	0%	53%	28%	0%
16 Long term debt per Active Accounts	\$1,467	\$2,161	\$28	\$1,524	\$1,712	\$43
				² - as of 2020 AFR		
Receivables						
17 Customer Receivables, net of allowance		Water / Sewer \$47,038,671			Water / Sewer \$51,449,390	
18 Active Customer Receivables past due > 60 Days		\$64,085,891			\$42,270,092	
19 Uncollected Ratio (1-(cash collections/revenues)) - last 12 mos		13.2%			8.8%	
20 Total Number of Active Accounts		139,474			137,416	
21 Total Number of Delinquent Active Accounts		27,040			26,298	
22 Total Number of Accounts in Dispute		1,979			1,807	
23 Total Number of New Payment Plans		868			119	
24 Total Number of Disconnect Notices Sent		574			0	

Debt Obligations

Debt Information - As of August 31, 2021

	Water	Sewer	Drainage	Total
Debt Outstanding:				
Revenue Bonds*	\$ 222,760,000	\$ 283,000,000		\$ 505,760,000
Limited Tax Bonds			\$ 3,955,000	\$ 3,955,000
DEQ SRF Loans*		\$ 7,885,032		\$ 7,885,032
GoZone Loan		\$ 40,044,839		\$ 40,044,839
Total Debt Outstanding	\$ 222,760,000	\$ 330,929,871	\$ 3,955,000	\$ 557,644,871
Southeast Louisiana Project liability				\$ 206,480,939
Available Borrowed Funds:				
Unspent Bond Proceeds ⁽¹⁾	\$ 8,069,457	\$ 94,594,871		\$ 102,664,329
Available Undrawn DEQ SRF Loan Proceeds (South Shore Basin Project)		\$ 7,715,968		\$ 7,715,968
Total Available Borrowed Funds	\$ 8,069,457	\$ 102,310,839		\$ 110,380,297

(1) As reported by BLCD.

* Included in Debt Service Coverage Tests

Capital

2021 CAPITAL DISBURSEMENTS (As of 8/31/2021)

	Annual Budget	YTD Disbursements
Water	\$ 87,045,733	\$ 63,120,182
Sewer	\$ 188,632,679	\$ 27,407,161
Drainage	\$ 58,367,652	\$ 19,778,795
Total	\$334,046,064	\$ 110,306,137
Water - pending funding sources	\$ 131,444,196	
Total Capital Budget	\$ 465,490,260	

Federal Grant/Funding Status

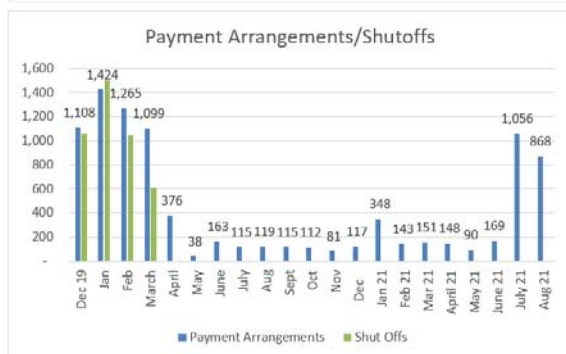
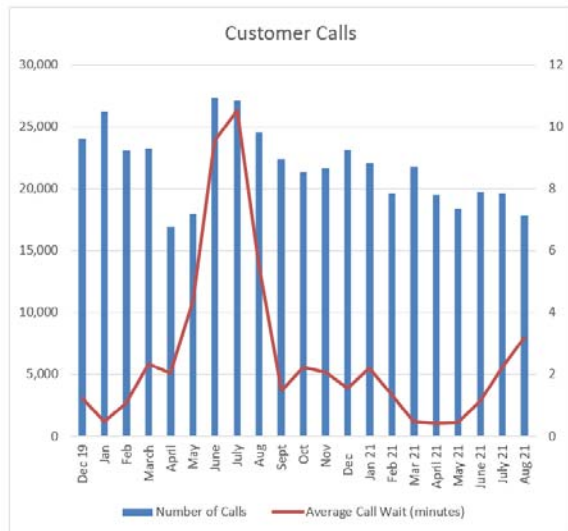
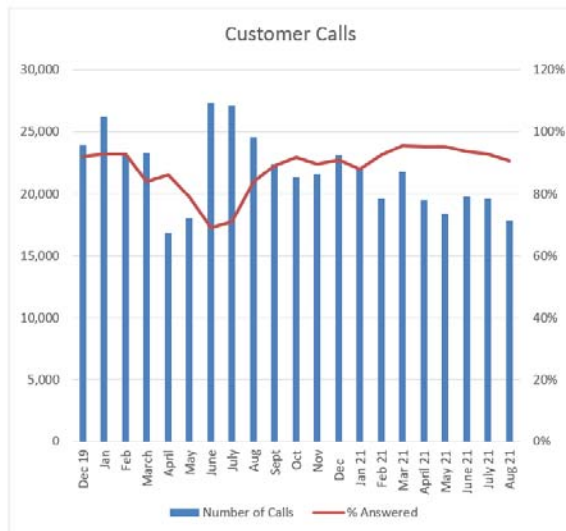
FEDERAL GRANT/FUNDING STATUS (As of 8/31/2021)

	Obligated	Expended	Reimbursed
Hurricane PA Projects	\$ 544,831,962	\$ 529,122,893	\$ 493,037,853
HMGP Projects	\$ 187,771,769	\$ 198,461,097	\$ 150,180,501
JIRR Projects	\$ 268,448,968	\$ 43,054,662	\$ 34,801,006
Total	\$ 1,001,052,699	\$ 770,638,652	\$ 678,019,360

Customer Experience

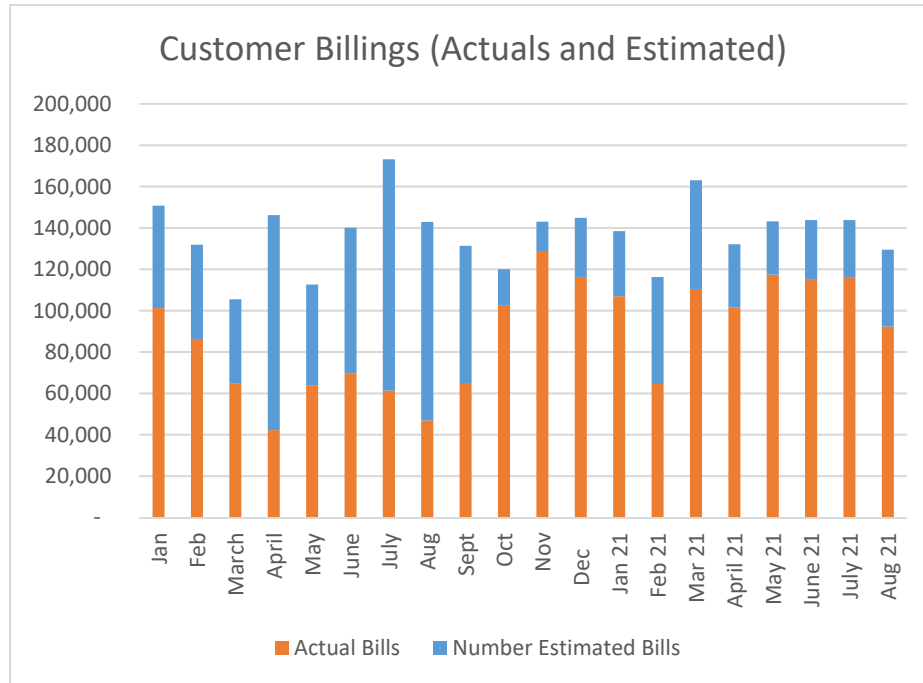
In August 2021, a total of 34,733 customers were served. These reports do not include actions and responses related to investigations.

	Total # Calls	Total calls Answered	Total Dropped Calls	Average Call Wait	% Calls Answered
August	17,830	16,153	1,167	3:20 sec.	91%



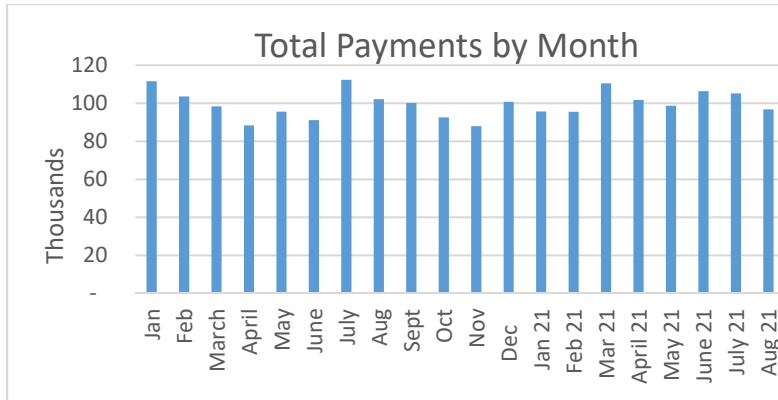
Billing Accuracy

The following metrics are monitored to help management measure and improve the bill accuracy, improve the customer response time and implement best practice collection activity.



Collections

A total of 96,709 payments were received in the month. These payments were received via mail, walk-ins, online payments, and the interactive voice response phone system.



Active Accounts

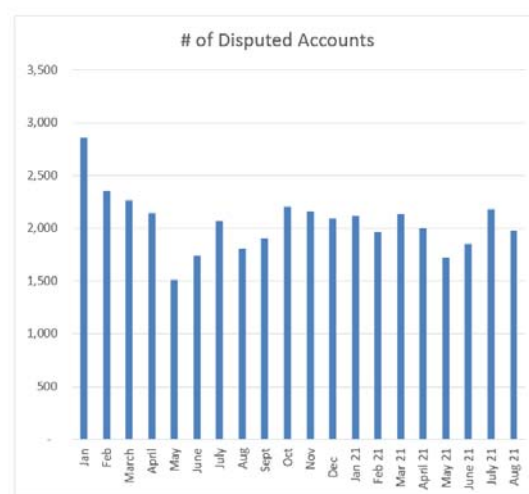
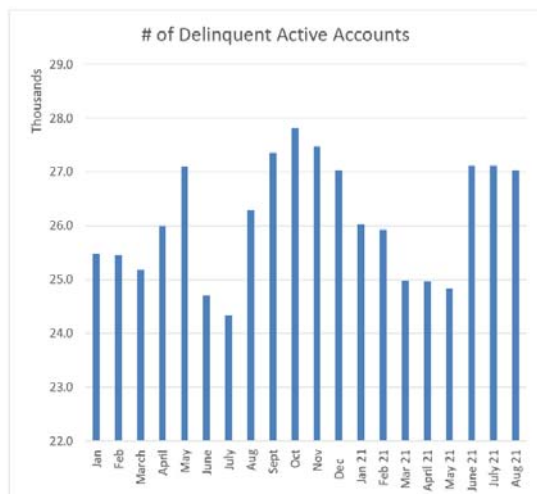
CUSTOMER ACCOUNT AGING REPORT

As of August 31, 2021

	ACTIVE ACCOUNTS		August 31	July 31	% CHANGE FROM PRIOR MONTH
Residential	121,885	Total Accounts in Dispute	1,979	2,183	-9%
Multi-Family	4,610				
Commercial	12,948				
Industrial	31				
TOTALS	139,474				

	DELINQUENT	PAST DUE \$	% CHANGE
Residential	24,959	\$ 48,575,980	6%
Multi-Family	681	\$ 3,246,525	4%
Commercial	1,398	\$ 12,262,816	-10%
Industrial	2	\$ 570	-7%
TOTALS	27,040	\$ 64,085,891	2%

Inactive Accounts 25,213 24,854 1%



August 2021 Financial Statements (unaudited)

Pages 9-24 as follows:

- 9. All System Funds Statements of Revenues and Expenses and Changes in Net Position with Prior year (PY)
- 10. All System Funds Statements of Revenues and Expenses and Changes in Net Position with Budget
- 11. Water Fund Statements of Revenues and Expenses and Changes in Net Position with PY
- 12. Water Fund Statements of Revenues and Expenses and Changes in Net Position with Budget
- 13. Sewer Fund Statements of Revenues and Expenses and Changes in Net Position with PY
- 14. Sewer Fund Statements of Revenues and Expenses and Changes in Net Position with Budget
- 15. Drainage Fund Statements of Revenues and Expenses and Changes in Net Position with PY
- 16. Drainage Fund Statements of Revenues and Expenses and Changes in Net Position with Budget
- 17-18. All System Funds Statements of Net Position
- 19-20. Water Fund Statements of Net Position
- 21-22. Sewer Fund Statements of Net Position
- 23-24. Drainage Fund Statements of Net Position

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	8,608,831	10,527,582	(1,918,751)	-18.2%	77,984,425	77,935,742	48,683	0.1%	1
2 Sewerage service charges and del fees	10,723,179	13,098,288	(2,375,110)	-18.1%	98,894,637	97,913,025	981,612	1.0%	2
3 Plumbing inspection and license fees	50,545	51,600	(1,055)	-2.0%	341,460	310,002	31,458	10.1%	3
4 Other revenues	629,147	(1,278,463)	1,907,610	-149.2%	4,636,101	2,769,609	1,866,491	67.4%	4
5 Total operating revenues	20,011,702	22,399,008	(2,387,306)	-10.7%	181,856,622	178,928,378	2,928,245	1.6%	5
Operating Expenses:									
6 Power and pumping	2,255,203	1,462,264	792,939	54.2%	13,862,432	11,725,706	2,136,726	18.2%	6
7 Treatment	1,609,914	2,284,362	(674,448)	-29.5%	15,793,696	13,403,164	2,390,532	17.8%	7
8 Transmission and distribution	2,872,257	2,629,983	242,274	9.2%	20,228,854	18,967,725	1,261,129	6.6%	8
9 Customer accounts	389,810	356,677	33,133	9.3%	3,297,871	2,852,043	445,828	15.6%	9
10 Customer service	652,362	593,071	59,291	10.0%	5,202,510	4,877,114	325,396	6.7%	10
11 Administration and general	1,829,324	2,284,857	(455,533)	-19.9%	17,745,906	16,436,326	1,309,580	8.0%	11
12 Payroll related	3,162,691	5,069,911	(1,907,220)	-37.6%	35,351,809	35,635,868	(284,059)	-0.8%	12
13 Maintenance of general plant	3,302,584	2,704,866	597,717	22.1%	15,768,329	16,930,733	(1,162,405)	-6.9%	13
14 Depreciation	6,667,121	5,829,069	838,052	14.4%	45,630,510	46,632,553	(1,002,043)	-2.1%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	1,933,201	626,023	1,307,178	208.8%	20,060,593	4,427,105	15,633,489	353.1%	16
17 Provision for claims	216,812	226,659	(9,848)	-4.3%	1,868,610	866,101	1,002,509	115.7%	17
18 Total operating expenses	24,891,278	24,067,743	823,535	3.4%	194,811,121	172,754,438	22,056,684	12.8%	18
19 Operating income (loss)	(4,879,576)	(1,668,735)	(3,210,841)	192.4%	(12,954,499)	6,173,940	(19,128,439)	-309.8%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	172	383	(211)	-55.1%	20
21 Three-mill tax	(818,941)	-	(818,941)	0.0%	16,089,502	17,343,363	(1,253,861)	-7.2%	21
22 Six-mill tax	(651,569)	-	(651,569)	0.0%	17,185,051	18,279,137	(1,094,086)	-6.0%	22
23 Nine-mill tax	(976,609)	158,973	(1,135,583)	-714.3%	25,759,306	27,398,743	(1,639,438)	-6.0%	23
24 Interest income	86,076	3,363	82,713	2459.6%	710,608	545,685	164,923	30.2%	24
25 Other Taxes	-	-	-	0.0%	99,129	297,713	(198,584)	-66.7%	25
26 Other Income	164,726	-	164,726	0.0%	3,819,613	-	3,819,613	0.0%	26
27 Bond Issuance Costs	-	-	-	0.0%	-	-	-	0.0%	27
28 Interest expense	(1,289,801)	(1,666,760)	376,959	-22.6%	(12,471,401)	(13,599,437)	1,128,036	-8.3%	28
29 Operating and maintenance grants	-	600	(600)	-100.0%	1,625	600	1,025	170.8%	29
30 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	30
31 Total non-operating revenues	(3,486,119)	(1,503,824)	(1,982,295)	131.8%	51,193,605	50,266,188	927,417	1.8%	31
32 Income before capital contributions	(8,365,695)	(3,172,559)	(5,193,136)	163.7%	38,239,106	56,440,127	(18,201,022)	-32.2%	32
33 Capital contributions	9,093,304	(1,432,227)	10,525,530	-734.9%	44,836,599	8,281,397	36,555,202	441.4%	33
34 Change in net position	727,609	(4,604,786)	5,332,395	-115.8%	83,075,705	64,721,525	18,354,180	28.4%	34
35 Transfer of Debt Service Assistance Fund loan payable						-			35
36 Net position, beginning of year					2,572,607,445	2,356,268,052	216,339,393	9.2%	36
37 Net position, end of year					2,651,935,025	2,420,989,577	230,945,449	9.5%	37

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	8,608,831	10,220,812	(1,611,981)	-15.8%	77,984,425	76,912,829	1,071,596	1.4%	1
2 Sewerage service charges and del fees	10,723,179	12,642,875	(1,919,696)	-15.2%	98,894,637	95,699,174	3,195,462	3.3%	2
3 Plumbing inspection and license fees	50,545	61,774	(11,229)	-18.2%	341,460	421,162	(79,702)	-18.9%	3
4 Other revenues	629,147	26,481	602,666	2275.8%	4,636,101	449,516	4,186,585	931.4%	4
5 Total operating revenues	20,011,702	22,951,942	(2,940,240)	-12.8%	181,856,622	173,482,681	8,373,942	4.8%	5
Operating Expenses:									
6 Power and pumping	2,255,203	1,266,388	988,815	78.1%	13,862,432	9,792,477	4,069,956	41.6%	6
7 Treatment	1,609,914	1,560,598	49,316	3.2%	15,793,696	15,597,495	196,201	1.3%	7
8 Transmission and distribution	2,872,257	2,944,717	(72,460)	-2.5%	20,228,854	23,678,570	(3,449,716)	-14.6%	8
9 Customer accounts	389,810	465,527	(75,718)	-16.3%	3,297,871	3,507,788	(209,916)	-6.0%	9
10 Customer service	652,362	595,756	56,606	9.5%	5,202,510	4,273,344	929,166	21.7%	10
11 Administration and general	1,829,324	3,974,109	(2,144,785)	-54.0%	17,745,906	28,311,021	(10,565,115)	-37.3%	11
12 Payroll related	3,162,691	4,600,728	(1,438,037)	-31.3%	35,351,809	33,065,691	2,286,118	6.9%	12
13 Maintenance of general plant	3,302,584	2,279,146	1,023,438	44.9%	15,768,329	16,373,909	(605,580)	-3.7%	13
14 Depreciation	6,667,121	6,997,727	(330,606)	-4.7%	45,630,510	58,700,183	(13,069,673)	-22.3%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	1,933,201	2,775,106	(841,905)	-30.3%	20,060,593	22,202,860	(2,142,266)	-9.6%	16
17 Provision for claims	216,812	261,584	(44,773)	-17.1%	1,868,610	1,925,110	(56,500)	-2.9%	17
18 Total operating expenses	24,891,278	27,721,387	(2,830,109)	-10.2%	194,811,121	217,428,448	(22,617,326)	-10.4%	18
19 Operating income (loss)	(4,879,576)	(4,769,445)	(110,131)	2.3%	(12,954,499)	(43,945,767)	30,991,268	-70.5%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	172	-	172	0.0%	20
21 Three-mill tax	(818,941)	282,484	(1,101,425)	-389.9%	16,089,502	12,810,292	3,279,210	25.6%	21
22 Six-mill tax	(651,569)	312,952	(964,521)	-308.2%	17,185,051	16,536,856	648,196	3.9%	22
23 Nine-mill tax	(976,609)	425,628	(1,402,237)	-329.5%	25,759,306	24,801,611	957,695	3.9%	23
24 Interest income	86,076	212,226	(126,151)	-59.4%	710,608	1,697,809	(987,201)	-58.1%	24
25 Other Taxes	-	-	-	0.0%	99,129	-	99,129	0.0%	25
26 Other Income	164,726	1,264,717	(1,099,991)	-87.0%	3,819,613	2,980,612	839,000	28.1%	26
27 Interest expense	(1,289,801)	(1,880,635)	590,834	-31.4%	(12,471,401)	(15,045,078)	2,573,677	-17.1%	27
28 Operating and maintenance grants	-	28,564	(28,564)	-100.0%	1,625	228,508	(226,883)	-99.3%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(3,486,119)	645,936	(4,132,055)	-639.7%	51,193,605	44,010,609	7,182,995	16.3%	30
31 Income before capital contributions	(8,365,695)	(4,123,509)	(4,242,186)	102.9%	38,239,106	64,842	38,174,264	58872.6%	31
32 Capital contributions	9,093,304	-	9,093,304	0.0%	44,836,599	-	44,836,599	0.0%	32
33 Change in net position	727,609	(4,123,509)	4,851,117	-117.6%	83,075,705	64,842	83,010,863	128020.0%	33
35 Audit Adjustment									35
36 Net position, beginning of year					2,572,607,445	2,356,268,052	216,339,393	9.2%	36
37 Net position, end of year					2,656,332,755	2,356,332,894	299,999,861	12.7%	37

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	8,608,831	10,527,582	(1,918,751)	-18.2%	77,984,425	77,935,742	48,683	0.1%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	21,688	25,825	(4,138)	-16.0%	184,796	156,091	28,705	18.4%	3
4 Other revenues	120,479	108,851	11,628	10.7%	1,086,908	3,566,690	(2,479,781)	-69.5%	4
5 Total operating revenues	8,750,997	10,662,258	(1,911,261)	-17.9%	79,256,129	81,658,522	(2,402,393)	-2.9%	5
Operating Expenses:									
6 Power and pumping	104,486	111,902	(7,416)	-6.6%	1,738,066	1,579,674	158,392	10.0%	6
7 Treatment	627,733	932,583	(304,850)	-32.7%	5,908,480	5,958,224	(49,744)	-0.8%	7
8 Transmission and distribution	982,656	1,240,621	(257,965)	-20.8%	7,952,309	9,095,078	(1,142,769)	-12.6%	8
9 Customer accounts	194,421	177,880	16,541	9.3%	1,644,917	1,422,080	222,837	15.7%	9
10 Customer service	323,724	293,282	30,442	10.4%	2,578,169	2,411,622	166,547	6.9%	10
11 Administration and general	610,055	775,346	(165,291)	-21.3%	6,194,520	5,703,580	490,940	8.6%	11
12 Payroll related	1,242,791	1,899,539	(656,747)	-34.6%	13,063,649	13,242,117	(178,468)	-1.3%	12
13 Maintenance of general plant	1,573,577	1,898,888	(325,312)	-17.1%	8,578,906	10,155,450	(1,576,544)	-15.5%	13
14 Depreciation	1,275,225	1,063,838	211,387	19.9%	9,418,665	8,510,707	907,958	10.7%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	860,883	275,848	585,035	212.1%	9,333,951	2,206,787	7,127,164	323.0%	16
17 Provision for claims	86,725	90,506	(3,781)	-4.2%	726,388	514,975	211,412	41.1%	17
18 Total operating expenses	7,882,277	8,760,233	(877,957)	-10.0%	67,138,020	60,800,296	6,337,724	10.4%	18
19 Operating income (loss)	868,720	1,902,025	(1,033,304)	-54.3%	12,118,110	20,858,226	(8,740,116)	-41.9%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	2,348	2,523	(175)	-7.0%	26,043	212,381	(186,338)	-87.7%	24
25 Other Taxes	-	-	-	0.0%	44,112	132,482	(88,370)	-66.7%	25
26 Other Income	164,726	-	164,726	0.0%	3,819,613	-	3,819,613	0.0%	26
27 Bond Issuance Costs	-	-	-	0.0%	-	-	-	0.0%	27
28 Interest expense	(499,523)	(804,046)	304,523	-37.9%	(4,935,559)	(6,432,367)	1,496,808	-23.3%	28
29 Operating and maintenance grants	-	600	(600)	-100.0%	1,625	600	1,025	170.8%	29
30 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	30
31 Total non-operating revenues	(332,449)	(800,923)	468,474	-58.5%	(1,044,166)	(6,086,904)	5,042,738	-82.8%	31
32 Income before capital contributions	536,271	1,101,102	(564,831)	-51.3%	9,180,004	14,771,322	(5,591,319)	-37.9%	32
33 Capital contributions	6,597,611	(1,867,732)	8,465,343	-453.2%	34,689,996	5,794,822	28,895,174	498.6%	33
34 Change in net position	7,133,882	(766,630)	7,900,512	-1030.6%	43,870,000	20,566,144	23,303,856	113.3%	34
35 Transfer of Debt Service Assistance Fund loan payable						-			35
36 Net position, beginning of year					421,107,661	371,193,548	49,914,113	13.4%	36
37 Net position, end of year					464,977,661	391,759,692	73,217,969	18.7%	37

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	8,608,831	10,220,812	(1,611,981)	-15.8%	77,984,425	76,912,829	1,071,596	1.4%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	21,688	31,910	(10,222)	-32.0%	184,796	212,210	(27,414)	-12.9%	3
4 Other revenues	120,479	15,461	105,017	679.2%	1,086,908	170,281	916,627	538.3%	4
5 Total operating revenues	8,750,997	10,268,184	(1,517,186)	-14.8%	79,256,129	77,295,319	1,960,810	2.5%	5
Operating Expenses:									
6 Power and pumping	104,486	173,500	(69,014)	-39.8%	1,738,066	1,563,390	174,676	11.2%	6
7 Treatment	627,733	893,875	(266,142)	-29.8%	5,908,480	6,463,686	(555,206)	-8.6%	7
8 Transmission and distribution	982,656	1,103,996	(121,340)	-11.0%	7,952,309	10,259,416	(2,307,106)	-22.5%	8
9 Customer accounts	194,421	232,182	(37,760)	-16.3%	1,644,917	1,741,749	(96,831)	-5.6%	9
10 Customer service	323,724	293,616	30,108	10.3%	2,578,169	2,103,170	474,999	22.6%	10
11 Administration and general	610,055	1,257,240	(647,185)	-51.5%	6,194,520	9,320,978	(3,126,458)	-33.5%	11
12 Payroll related	1,242,791	1,774,880	(532,089)	-30.0%	13,063,649	12,722,513	341,135	2.7%	12
13 Maintenance of general plant	1,573,577	1,053,834	519,743	49.3%	8,578,906	7,409,957	1,168,949	15.8%	13
14 Depreciation	1,275,225	2,322,431	(1,047,206)	-45.1%	9,418,665	21,530,088	(12,111,423)	-56.3%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	860,883	1,264,255	(403,372)	-31.9%	9,333,951	10,114,043	(780,092)	-7.7%	16
17 Provision for claims	86,725	100,599	(13,874)	-13.8%	726,388	719,812	6,576	0.9%	17
18 Total operating expenses	7,882,277	10,470,410	(2,588,133)	-24.7%	67,138,020	83,948,802	(16,810,782)	-20.0%	18
19 Operating income (loss)	868,720	(202,226)	1,070,946	-529.6%	12,118,110	(6,653,483)	18,771,592	-282.1%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	2,348	89,725	(87,377)	-97.4%	26,043	717,800	(691,757)	-96.4%	24
25 Other Taxes	-	-	-	0.0%	44,112	-	44,112	0.0%	25
26 Other Income	164,726	143,800	20,926	14.6%	3,819,613	1,150,400	2,669,213	232.0%	26
27 Interest expense	(499,523)	(788,854)	289,331	-36.7%	(4,935,559)	(6,310,833)	1,375,275	-21.8%	27
28 Operating and maintenance grants	-	-	-	0.0%	1,625	-	1,625	0.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(332,449)	(555,329)	222,880	-40.1%	(1,044,166)	(4,442,633)	3,398,467	-76.5%	30
31 Income before capital contributions	536,271	(757,555)	1,293,826	-170.8%	9,180,004	(11,096,116)	20,276,120	-182.7%	31
32 Capital contributions	6,597,611	-	6,597,611	0.0%	34,689,996	-	34,689,996	0.0%	32
33 Change in net position	7,133,882	(757,555)	7,891,437	-1041.7%	43,870,000	(11,096,116)	54,966,115	-495.4%	33
35 Audit Adjustment					-				35
36 Net position, beginning of year					421,107,661	371,193,548	49,914,113	13.4%	36
37 Net position, end of year					465,456,293	360,097,432	105,358,860	29.3%	37

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	10,723,179	13,098,288	(2,375,110)	-18.1%	98,894,637	97,913,025	981,612	1.0%	2
3 Plumbing inspection and license fees	28,858	25,775	3,083	12.0%	156,664	153,911	2,753	1.8%	3
4 Other revenues	35,102	106,535	(71,433)	-67.1%	376,553	686,065	(309,512)	-45.1%	4
5 Total operating revenues	10,787,138	13,230,598	(2,443,460)	-18.5%	99,427,854	98,753,001	674,853	0.7%	5
Operating Expenses:									
6 Power and pumping	194,255	383,482	(189,227)	-49.3%	3,911,162	3,434,909	476,253	13.9%	6
7 Treatment	982,182	1,351,780	(369,598)	-27.3%	9,885,216	7,444,940	2,440,277	32.8%	7
8 Transmission and distribution	1,529,741	1,055,803	473,938	44.9%	9,332,406	7,116,346	2,216,060	31.1%	8
9 Customer accounts	194,421	177,880	16,541	9.3%	1,644,914	1,422,079	222,835	15.7%	9
10 Customer service	323,724	293,282	30,442	10.4%	2,578,167	2,411,620	166,547	6.9%	10
11 Administration and general	828,318	1,009,436	(181,118)	-17.9%	7,767,084	7,262,643	504,442	6.9%	11
12 Payroll related	1,256,862	1,916,340	(659,478)	-34.4%	13,136,202	13,361,624	(225,422)	-1.7%	12
13 Maintenance of general plant	916,017	375,380	540,637	144.0%	4,245,824	3,896,884	348,940	9.0%	13
14 Depreciation	2,700,979	2,348,820	352,159	15.0%	18,108,545	18,790,560	(682,014)	-3.6%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	1,072,318	346,465	725,853	209.5%	10,722,163	2,190,643	8,531,520	389.5%	16
17 Provision for claims	86,725	90,506	(3,781)	-4.2%	762,148	517,375	244,772	47.3%	17
18 Total operating expenses	10,085,540	9,349,174	736,366	7.9%	82,093,832	67,849,622	14,244,209	21.0%	18
19 Operating income (loss)	701,598	3,881,424	(3,179,826)	-81.9%	17,334,022	30,903,379	(13,569,356)	-43.9%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	80,677	608	80,069	13168.3%	665,108	238,697	426,411	178.6%	24
25 Other Taxes	-	-	-	0.0%	55,017	165,231	(110,214)	-66.7%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Bond Issuance Costs	-	-	-	0.0%	-	-	-	0.0%	27
28 Interest expense	(790,278)	(862,714)	72,436	-8.4%	(7,535,842)	(7,167,070)	(368,772)	5.1%	28
29 Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	30
31 Total non-operating revenues	(709,602)	(862,106)	152,505	-17.7%	(6,815,718)	(6,763,143)	(52,575)	0.8%	31
32 Income before capital contributions	(8,004)	3,019,318	(3,027,322)	-100.3%	6,985,904	24,140,236	(17,154,332)	-71.1%	32
33 Capital contributions	716,283	369,701	346,583	93.7%	4,686,209	2,091,557	2,594,652	124.1%	33
34 Change in net position	708,280	3,389,019	(2,680,739)	-79.1%	11,672,113	26,231,793	(14,559,680)	-55.5%	34
35 Transfer of Debt Service Assistance Fund loan payable					-				35
36 Net position, beginning of year					847,697,154	812,112,814	35,584,340	4.4%	36
37 Net position, end of year					859,369,267	838,344,607	21,024,660	2.5%	37

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	10,723,179	12,642,875	(1,919,696)	-15.2%	98,894,637	95,699,174	3,195,462	3.3%	2
3 Plumbing inspection and license fees	28,858	29,864	(1,007)	-3.4%	156,664	208,952	(52,288)	-25.0%	3
4 Other revenues	35,102	11,020	24,083	218.5%	376,553	279,235	97,318	34.9%	4
5 Total operating revenues	10,787,138	12,683,758	(1,896,620)	-15.0%	99,427,854	96,187,362	3,240,492	3.4%	5
Operating Expenses:									
6 Power and pumping	194,255	293,838	(99,584)	-33.9%	3,911,162	2,550,365	1,360,797	53.4%	6
7 Treatment	982,182	666,723	315,458	47.3%	9,885,216	9,133,810	751,406	8.2%	7
8 Transmission and distribution	1,529,741	1,466,151	63,590	4.3%	9,332,406	10,440,272	(1,107,866)	-10.6%	8
9 Customer accounts	194,421	232,733	(38,311)	-16.5%	1,644,914	1,758,443	(113,530)	-6.5%	9
10 Customer service	323,724	293,839	29,885	10.2%	2,578,167	2,119,796	458,372	21.6%	10
11 Administration and general	828,318	1,850,355	(1,022,036)	-55.2%	7,767,084	12,972,198	(5,205,113)	-40.1%	11
12 Payroll related	1,256,862	1,769,539	(512,678)	-29.0%	13,136,202	12,643,498	492,704	3.9%	12
13 Maintenance of general plant	916,017	803,737	112,280	14.0%	4,245,824	5,952,678	(1,706,854)	-28.7%	13
14 Depreciation	2,700,979	2,437,987	262,992	10.8%	18,108,545	19,393,306	(1,284,761)	-6.6%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	1,072,318	1,503,054	(430,736)	-28.7%	10,722,163	12,024,430	(1,302,267)	-10.8%	16
17 Provision for claims	86,725	104,014	(17,289)	-16.6%	762,148	765,168	(3,020)	-0.4%	17
18 Total operating expenses	10,085,540	11,421,970	(1,336,430)	-11.7%	82,093,832	89,753,963	(7,660,131)	-8.5%	18
19 Operating income (loss)	701,598	1,261,789	(560,191)	-44.4%	17,334,022	6,433,399	10,900,624	169.4%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	-	-	-	0.0%	20
21 Three-mill tax	-	-	-	0.0%	-	-	-	0.0%	21
22 Six-mill tax	-	-	-	0.0%	-	-	-	0.0%	22
23 Nine-mill tax	-	-	-	0.0%	-	-	-	0.0%	23
24 Interest income	80,677	108,167	(27,490)	-25.4%	665,108	865,333	(200,225)	-23.1%	24
25 Other Taxes	-	-	-	0.0%	55,017	-	55,017	0.0%	25
26 Other Income	-	58,617	(58,617)	-100.0%	-	468,933	(468,933)	-100.0%	26
27 Interest expense	(790,278)	(1,084,772)	294,494	-27.1%	(7,535,842)	(8,678,178)	1,142,336	-13.2%	27
28 Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(709,602)	(917,989)	208,387	-22.7%	(6,815,718)	(7,343,911)	528,194	-7.2%	30
31 Income before capital contributions	(8,004)	343,800	(351,803)	-102.3%	10,518,304	(910,513)	11,428,817	-1255.2%	31
32 Capital contributions	716,283	-	716,283	0.0%	4,686,209	-	4,686,209	0.0%	32
33 Change in net position	708,280	343,800	364,480	106.0%	15,204,513	(910,513)	16,115,026	-1769.9%	33
35 Audit Adjustment	-	-	-	-	-	-	-	-	35
36 Net position, beginning of year	-	-	-	-	847,697,154	812,112,814	35,584,340	4.4%	36
37 Net position, end of year	-	-	-	-	864,764,142	811,202,301	53,561,841	6.6%	37

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Prior Year	Variance	%	Actual	Prior Year	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4 Other revenues	473,566	(1,493,849)	1,967,415	-131.7%	3,172,639	(1,483,145)	4,655,785	-313.9%	4
5 Total operating revenues	473,566	(1,493,849)	1,967,415	-131.7%	3,172,639	(1,483,145)	4,655,785	-313.9%	5
Operating Expenses:									
6 Power and pumping	1,956,462	966,880	989,582	102.3%	8,213,203	6,711,122	1,502,081	22.4%	6
7 Treatment	-	-	-	0.0%	-	-	-	0.0%	7
8 Transmission and distribution	359,860	333,559	26,301	7.9%	2,944,139	2,756,301	187,839	6.8%	8
9 Customer accounts	967	917	51	5.5%	8,040	7,884	156	2.0%	9
10 Customer service	4,914	6,508	(1,594)	-24.5%	46,174	53,871	(7,698)	-14.3%	10
11 Administration and general	390,950	500,074	(109,124)	-21.8%	3,784,302	3,470,103	314,199	9.1%	11
12 Payroll related	663,038	1,254,032	(590,994)	-47.1%	9,151,959	9,032,128	119,831	1.3%	12
13 Maintenance of general plant	812,990	430,598	382,392	88.8%	2,943,599	2,878,399	65,200	2.3%	13
14 Depreciation	2,690,917	2,416,411	274,506	11.4%	18,103,300	19,331,286	(1,227,986)	-6.4%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	-	3,709	(3,709)	-100.0%	4,479	29,675	(25,196)	-84.9%	16
17 Provision for claims	43,362	45,648	(2,285)	-5.0%	380,075	(166,250)	546,325	-328.6%	17
18 Total operating expenses	6,923,461	5,958,336	965,125	16.2%	45,579,270	44,104,520	1,474,751	3.3%	18
19 Operating income (loss)	(6,449,894)	(7,452,184)	1,002,290	-13.4%	(42,406,631)	(45,587,665)	3,181,034	-7.0%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	172	383	(211)	-55.1%	20
21 Three-mill tax	(818,941)	-	(818,941)	0.0%	16,089,502	17,343,363	(1,253,861)	-7.2%	21
22 Six-mill tax	(651,569)	-	(651,569)	0.0%	17,185,051	18,279,137	(1,094,086)	-6.0%	22
23 Nine-mill tax	(976,609)	158,973	(1,135,583)	-714.3%	25,759,306	27,398,743	(1,639,438)	-6.0%	23
24 Interest income	3,051	232	2,819	1216.1%	19,458	94,608	(75,150)	-79.4%	24
25 Other Taxes	-	-	-	0.0%	-	-	-	0.0%	25
26 Other Income	-	-	-	0.0%	-	-	-	0.0%	26
27 Bond Issuance Costs	-	-	-	0.0%	-	-	-	0.0%	27
28 Interest expense	-	-	-	0.0%	-	-	-	0.0%	28
29 Operating and maintenance grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Provision for claims	-	-	-	0.0%	-	-	-	0.0%	30
31 Total non-operating revenues	(2,444,068)	159,205	(2,603,273)	-1635.2%	59,053,488	63,116,234	(4,062,746)	-6.4%	31
32 Income before capital contributions	(8,893,962)	(7,292,979)	(1,600,983)	22.0%	18,325,073	17,528,569	796,504	4.5%	32
33 Capital contributions	1,779,409	65,804	1,713,605	2604.1%	5,460,394	395,019	5,065,376	1282.3%	33
34 Change in net position	(7,114,553)	(7,227,175)	112,621	-1.6%	23,785,467	17,923,588	5,861,879	32.7%	34
35 Transfer of Debt Service Assistance Fund loan payable					-				35
36 Net position, beginning of year					1,303,802,630	1,172,961,690	130,840,940	11.2%	36
37 Net position, end of year					1,327,588,097	1,190,885,278	136,702,819	11.5%	37

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENT OF REVENUES AND EXPENSES AND CHANGES IN NET POSITION
WITH BUDGET COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	H	
	MTD	MTD	MTD		YTD	YTD	YTD		
	Actual	Budget	Variance	%	Actual	Budget	Variance	%	
Operating revenues:									
1 Sales of water and delinquent fees	-	-	-	0.0%	-	-	-	0.0%	1
2 Sewerage service charges and del fees	-	-	-	0.0%	-	-	-	0.0%	2
3 Plumbing inspection and license fees	-	-	-	0.0%	-	-	-	0.0%	3
4 Other revenues	473,566	-	473,566	100.0%	3,172,639	-	3,172,639	100.0%	4
5 Total operating revenues	473,566	-	473,566	100.0%	3,172,639	-	3,172,639	100.0%	5
Operating Expenses:									
6 Power and pumping	1,956,462	799,049	1,157,413	144.8%	8,213,203	5,678,722	2,534,482	44.6%	6
7 Treatment	-	-	-	0.0%	-	-	-	0.0%	7
8 Transmission and distribution	359,860	374,570	(14,710)	-3.9%	2,944,139	2,978,882	(34,743)	-1.2%	8
9 Customer accounts	967	613	354	57.7%	8,040	7,596	445	5.9%	9
10 Customer service	4,914	8,300	(3,387)	-40.8%	46,174	50,378	(4,205)	-8.3%	10
11 Administration and general	390,950	866,514	(475,563)	-54.9%	3,784,302	6,017,845	(2,233,543)	-37.1%	11
12 Payroll related	663,038	1,056,309	(393,271)	-37.2%	9,151,959	7,699,680	1,452,279	18.9%	12
13 Maintenance of general plant	812,990	421,576	391,415	92.8%	2,943,599	3,011,274	(67,675)	-2.2%	13
14 Depreciation	2,690,917	2,237,308	453,609	20.3%	18,103,300	17,776,789	326,511	1.8%	14
15 Amortization	-	-	-	0.0%	-	-	-	0.0%	15
16 Provision for doubtful accounts	-	7,797	(7,797)	-100.0%	4,479	64,386	(59,907)	-93.0%	16
17 Provision for claims	43,362	56,972	(13,609)	-23.9%	380,075	440,130	(60,056)	-13.6%	17
18 Total operating expenses	6,923,461	5,829,008	1,094,453	18.8%	45,579,270	43,725,683	1,853,587	4.2%	18
19 Operating income (loss)	(6,449,894)	(5,829,008)	(620,887)	10.7%	(42,406,631)	(43,725,683)	1,319,052	-3.0%	19
Non-operating revenues (expense):									
20 Two-mill tax	-	-	-	0.0%	172	-	172	0.0%	20
21 Three-mill tax	(818,941)	282,484	(1,101,425)	-389.9%	16,089,502	12,810,292	3,279,210	25.6%	21
22 Six-mill tax	(651,569)	312,952	(964,521)	-308.2%	17,185,051	16,536,856	648,196	3.9%	22
23 Nine-mill tax	(976,609)	425,628	(1,402,237)	-329.5%	25,759,306	24,801,611	957,695	3.9%	23
24 Interest income	3,051	14,335	(11,283)	-78.7%	19,458	114,676	(95,218)	-83.0%	24
25 Other Taxes	-	-	-	0.0%	-	-	-	0.0%	25
26 Other Income	-	1,062,300	(1,062,300)	-100.0%	-	1,361,279	(1,361,279)	-100.0%	26
27 Interest expense	-	(7,008)	7,008	-100.0%	-	(56,067)	56,067	-100.0%	27
28 Operating and maintenance grants	-	28,564	(28,564)	-100.0%	-	228,508	(228,508)	-100.0%	28
29 Provision for grants	-	-	-	0.0%	-	-	-	0.0%	29
30 Total non-operating revenues	(2,444,068)	2,119,254	(4,563,322)	-215.3%	59,053,488	55,797,154	3,256,335	5.8%	30
31 Income before capital contributions	(8,893,962)	(3,709,753)	(5,184,209)	139.7%	16,646,857	12,071,471	4,575,387	37.9%	31
32 Capital contributions	1,779,409	-	1,779,409	0.0%	5,460,394	-	5,460,394	0.0%	32
33 Change in net position	(7,114,553)	(3,709,753)	(3,404,800)	91.8%	22,107,252	12,071,471	10,035,781	83.1%	33
35 Audit Adjustment					-				35
36 Net position, beginning of year					1,303,802,630	1,172,961,690	130,840,940	11.2%	36
37 Net position, end of year					1,326,112,320	1,185,033,161	141,079,159	11.9%	37

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENTS OF NET POSITION
WITH PRIOR YEAR AND BEGINNING OF YEAR COMPARISONS
August 2021 Closed Financials

Assets		A	B	C	D	E	F	G	
		Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
Noncurrent assets:									
1	Property, plant and equipment	4,430,288,878	233,527,353	5.3%	4,663,816,231	42,977,122	0.9%	4,620,839,109	1
2	Less: accumulated depreciation	1,143,581,294	43,266,617	3.8%	1,186,847,911	39,328,788	3.4%	1,147,519,123	2
3	Property, plant, and equipment, net	3,286,707,584	190,260,736	5.8%	3,476,968,320	3,648,334	0.1%	3,473,319,986	3
Restricted cash, cash equivalents, and investments									
4	Cash and cash equivalents restricted for capital projects	14,684,691	93,203,422	634.7%	107,888,113	5,587,980	5.5%	102,300,133	4
5	Debt service	27,038,898	(4,581,627)	-16.9%	22,457,271	11,356,067	102.3%	11,101,204	5
6	Debt service reserve	32,089,192	(19,464,310)	-60.7%	12,624,882	(20,818,078)	-62.2%	33,442,960	6
7	Health insurance reserve	1,887,000	626,000	33.2%	2,513,000	0	0.0%	2,513,000	7
8	Total restricted cash, cash equivalents, and investments	75,699,781	69,783,486	92.2%	145,483,266	(3,874,031)	-2.6%	149,357,297	8
Current assets:									
Unrestricted and undesignated									
9	Cash and cash equivalents	91,787,695	22,761,908	24.8%	114,549,603	27,138,111	31.0%	87,411,492	9
Accounts receivable:									
10	Customers (net of allowance for doubtful accounts)	51,449,390	(4,410,719)	-8.6%	47,038,671	5,033,525	12.0%	42,005,146	10
11	Taxes	4,123,123	(3,670,528)	-89.0%	452,595	(2,691,865)	-85.6%	3,144,460	11
12	Interest	2,147	(590)	-27.5%	1,557	0	0.0%	1,557	12
13	Grants	16,683,468	6,124,834	36.7%	22,808,302	(5,873,298)	-20.5%	28,681,600	13
14	Miscellaneous	4,214,877	(2,358,513)	-56.0%	1,856,364	(457,808)	-19.8%	2,314,172	14
15	Due from (to) other internal departments	68,454	(56,582)	-82.7%	11,872	12,694	-1544.3%	(822)	15
16	Inventory of supplies	5,137,000	382,935	7.5%	5,519,934	448	0.0%	5,519,486	16
17	Prepaid expenses	570,597	287,491	50.4%	858,087	0	0.0%	858,087	17
18	Total unrestricted current assets	174,036,749	19,060,236	11.0%	193,096,986	23,161,808	13.6%	169,935,178	18
Other assets:									
19	Funds from/for customer deposits	13,175,828	622,257	4.7%	13,798,085	565,871	4.3%	13,232,214	19
20	Deposits	51,315	-	0.0%	51,315	-	0.0%	51,315	20
21	Total other assets	13,227,143	622,257	4.7%	13,849,400	565,871	4.3%	13,283,529	21
22	TOTAL ASSETS	3,549,671,256	279,726,715	113.6%	3,829,397,972	23,501,982	15.4%	3,805,895,990	22
Deferred outflows or resources:									
23	Deferred amounts related to net pension liability	(722,050)	15,753,021	-2181.7%	15,030,971	(1,475,239)	-9.8%	16,506,210	23
24	Deferred amounts related to OPEB	43,014,457	17,238,223	40.1%	60,252,681	14,227,681	30.9%	46,025,000	24
25	Deferred loss on bond refunding	2,599,743	(261,256)	-10.0%	2,338,487	(1)	0.0%	2,338,488	25
26	TOTAL DEFERRED OUTFLOWS OF RESOURCES	44,892,151	32,729,989	72.9%	77,622,139	12,752,441	19.7%	64,869,698	26
27	TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	3,594,563,407	312,456,704	186.5%	3,907,020,111	36,254,423	35.1%	3,870,765,688	27

SEWERAGE AND WATER BOARD OF NEW ORLEANS
ALL SYSTEM FUNDS
STATEMENTS OF NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	
	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
NET ASSETS AND LIABILITIES								
Net position								
1 Net investments in capital assets	2,647,065,607	221,908,058	8.4%	2,868,973,664	12,231,948	0.4%	2,856,741,716	1
2 Restricted for Debt Service	59,128,090	(24,045,937)	-40.7%	35,082,153	(9,462,011)	-21.2%	44,544,164	2
3 Unrestricted	(285,204,120)	33,083,327	-11.6%	(252,120,793)	76,557,176	-23.3%	(328,677,969)	3
4 Total net position	2,420,989,577	230,945,448	9.5%	2,651,935,025	79,327,114	3.1%	2,572,607,911	4
Long-term liabilities								
5 Claims payable	43,209,163	81,693	0.2%	43,290,856	-	0.0%	43,290,856	5
6 Accrued vacation and sick pay	9,204,331	740,605	8.0%	9,944,936	40,039	0.4%	9,904,897	6
7 Net pension obligation	91,231,251	1,234,952	1.4%	92,466,203	(5,048,902)	-5.2%	97,515,105	7
8 Other postretirement benefits liability	214,217,256	37,244,244	17.4%	251,461,500	25,595,071	11.3%	225,866,429	8
9 Bonds payable (net of current maturities)	432,796,351	59,840,542	13.8%	492,636,893	1,027,010	0.2%	491,609,883	9
10 Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-	10
11 Southeast Louisiana Project liability	250,343,870	(43,862,931)	-17.5%	206,480,939	(3,334,581)	-1.6%	209,815,520	11
12 Debt Service Assistance Fund Loan payable	40,039,087	(2,773,797)	-6.9%	37,265,290	-	0.0%	37,265,290	12
13 Customer deposits	13,175,828	622,257	4.7%	13,798,085	565,871	4.3%	13,232,214	13
14 Total long-term liabilities	1,094,217,137	52,505,308	4.8%	1,147,344,701	18,844,507	1.7%	1,128,500,194	14
Current liabilities (payable from current assets)								
15 Accounts payable and other liabilities	20,036,106	2,829,389	14.1%	22,865,494	(71,764,480)	-75.8%	94,629,974	15
16 Due to City of New Orleans	1,760,528	1,816,041	103.2%	3,576,569	1,549,560	76.4%	2,027,009	16
17 Disaster Reimbursement Revolving Loan	-	-	0.0%	-	-	0.0%	-	17
18 Retainers and estimates payable	4,443,868	4,166,215	93.8%	8,610,083	2,381,848	38.2%	6,228,235	18
19 Due to other fund	236,283	322,107	136.3%	558,390	(1)	0.0%	558,391	19
20 Accrued salaries	(474,135)	2,269,735	-478.7%	1,795,600	(0)	0.0%	1,795,600	20
21 Claims payable	2,882,675	1,432,563	49.7%	4,315,238	(0)	0.0%	4,315,238	21
22 Total OPEB liability, due within one year	7,862,464	(1,928,159)	-24.5%	5,934,305	(634,972)	-9.7%	6,569,277	22
23 Debt Service Assistance Fund Loan payable	2,650,800	122,997	4.6%	2,773,797	0	0.0%	2,773,797	23
24 Advances from federal government	4,668,770	62,604	1.3%	4,731,374	1	0.0%	4,731,373	24
25 Other Liabilities	1,214,502	406,891	33.5%	1,621,392	322,715	24.8%	1,298,677	25
26 Total current liabilities (payable from current assets)	45,281,860	11,500,383	25.4%	56,782,243	(68,145,328)	-54.0%	124,927,571	26
Current liabilities (payable from restricted assets)								
27 Accrued interest	2,550,699	67,470	2.6%	2,618,169	-	0.0%	2,618,169	27
28 Bonds payable	17,819,000	(366,000)	-2.1%	17,453,000	-	0.0%	17,453,000	28
29 Retainers and estimates payable	356,595	(349,427)	-98.0%	7,168	(79,273)	-91.7%	86,441	29
30 Total current liabilities (payable from restricted assets)	20,726,294	(647,957)	-3.1%	20,078,337	(79,273)	-0.4%	20,157,610	30
31 Total current liabilities	66,008,154	10,852,426	16.4%	76,860,580	(68,224,601)	-47.0%	145,085,181	31
32 Total liabilities	1,160,225,291	8,078,629	0.7%	1,224,205,281	(49,380,094)	-3.9%	1,273,585,375	32
Deferred inflows or resources:								
33 Amounts related to net pension liability	8,261,766	12,140,231	146.9%	20,401,998	5,325,321	35.3%	15,076,677	33
34 Amounts related to total OPEB liability	5,086,772	5,391,035	106.0%	10,477,807	982,082	10.3%	9,495,725	34
35 TOTAL DEFERRED INFLOWS OF RESOURCES	13,348,539	12,140,231	90.9%	30,879,805	6,307,403	25.7%	24,572,402	35
36 Total Net Position, Liabilities and Deferred Inflows of Resources	3,594,563,407	239,024,077	6.6%	3,907,020,111	36,254,423	0.9%	3,870,765,688	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR AND BEGINNING OF YEAR COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	
Assets								
Noncurrent assets:	Prior			Current			Beginning of	
	Year	Variance	%	Year	Variance	%	Year	
1 Property, plant and equipment	1,026,198,963	79,363,937	7.7%	1,105,562,900	24,711,548	2.3%	1,080,851,352	1
2 Less: accumulated depreciation	375,746,879	10,809,522	2.9%	386,556,401	8,663,860	2.3%	377,892,541	2
3 Property, plant, and equipment, net	650,452,084	68,554,415	10.5%	719,006,499	16,047,688	2.3%	702,958,811	3
Restricted cash, cash equivalents, and investments								
4 Cash and cash equivalents restricted for capital projects	3,269,066	8,514,419	260.5%	11,783,484	(1,491,403)	-11.2%	13,274,887	4
5 Debt service	5,657,377	(1,638,366)	-29.0%	4,019,011	(1,001,250)	-24.9%	3,017,761	5
6 Debt service reserve	13,473,550	(7,914,306)	-58.7%	5,559,244	7,914,306	142.4%	13,473,550	6
7 Health insurance reserve	638,113	250,400	39.2%	888,513	0	0.0%	888,513	7
8 Total restricted cash, cash equivalents, and investments	23,038,106	(787,853)	-3.4%	22,250,252	(8,404,459)	-27.4%	30,654,711	8
Current assets:								
Unrestricted and undesignated								
9 Cash and cash equivalents	10,443,661	12,189,773	116.7%	22,633,434	1,899,897	8.4%	20,733,537	9
Accounts receivable:								
10 Customers (net of allowance for doubtful accounts)	24,640,419	(1,421,876)	-5.8%	23,218,543	3,705,505	16.0%	19,513,038	10
11 Taxes	-	-	0.0%	-	-	0.0%	-	11
12 Interest	-	-	0.0%	-	-	0.0%	-	12
13 Grants	13,428,413	6,620,857	49.3%	20,049,270	(3,662,563)	-15.4%	23,711,833	13
14 Miscellaneous	693,671	(145,302)	-20.9%	548,369	(126,904)	-18.8%	675,273	14
15 Due from (to) other internal departments	(1,673,169)	(2,959,076)	176.9%	(4,632,245)	191,481	-4.0%	(4,823,726)	15
16 Inventory of supplies	2,380,984	153,174	6.4%	2,534,158	449	0.0%	2,533,709	16
17 Prepaid expenses	284,829	114,996	40.4%	399,825	0	0.0%	399,825	17
18 Total unrestricted current assets	50,198,807	14,552,547	29.0%	64,751,354	2,007,865	3.2%	62,743,489	18
Other assets:								
19 Funds from/for customer deposits	13,175,828	622,257	4.7%	13,798,085	565,871	4.3%	13,232,214	19
20 Deposits	22,950	-	0.0%	22,950	-	0.0%	22,950	20
21 Total other assets	13,198,778	622,257	4.7%	13,821,035	565,871	4.3%	13,255,164	21
22 TOTAL ASSETS	736,887,775	82,941,365	40.8%	819,829,140	10,216,965	-17.7%	809,612,175	22
Deferred outflows or resources:								
23 Deferred amounts related to net pension liability	(240,683)	5,251,007	-2181.7%	5,010,324	(491,746)	-8.9%	5,502,070	23
24 Deferred amounts related to OPEB	14,338,152	5,746,075	40.1%	20,084,227	4,742,560	30.9%	15,341,667	24
25 Deferred loss on bond refunding	10,886	(4,362)	-40.1%	6,524	(0)	0.0%	6,524	25
26 TOTAL DEFERRED OUTFLOWS OF RESOURCES	14,108,355	10,992,719	77.9%	25,101,075	4,250,814	20.4%	20,850,261	26
27 TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	750,996,130	93,934,085	118.7%	844,930,215	14,467,779	2.7%	830,462,436	27

SEWERAGE AND WATER BOARD OF NEW ORLEANS
WATER SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	
	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
NET ASSETS AND LIABILITIES								
Net position								
1 Net investments in capital assets	452,743,296	73,962,243	16.3%	526,705,538	15,129,369	3.0%	511,576,169	1
2 Restricted for Debt Service	19,130,927	(9,552,672)	-49.9%	9,578,255	(6,913,056)	-41.9%	16,491,311	2
3 Unrestricted	(80,114,531)	8,808,399	-11.0%	(71,306,132)	35,653,688	-33.3%	(106,959,820)	3
4 Total net position	391,759,692	73,217,969	18.7%	464,977,661	43,870,001	10.4%	421,107,660	4
Long-term liabilities								
5 Claims payable	3,879,578	170,731	4.4%	4,050,309	-	0.0%	4,050,309	5
6 Accrued vacation and sick pay	3,728,018	284,201	7.6%	4,012,219	16,471	0.4%	3,995,748	6
7 Net pension obligation	30,410,417	411,651	1.4%	30,822,068	(1,682,967)	-5.2%	32,505,035	7
8 Other postretirement benefits liability	71,405,753	12,414,748	17.4%	83,820,501	8,531,691	11.3%	75,288,810	8
9 Bonds payable (net of current maturities)	205,663,561	(5,011,031)	-2.4%	200,652,530	-	0.0%	200,652,530	9
10 Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-	10
11 Southeast Louisiana Project liability	-	-	0.0%	-	-	0.0%	-	11
12 Debt Service Assistance Fund Loan payable	-	-	0.0%	-	-	0.0%	-	12
13 Customer deposits	13,175,828	622,257	4.7%	13,798,085	565,871	4.3%	13,232,214	13
14 Total long-term liabilities	328,263,155	8,270,300	2.5%	337,155,712	7,431,066	2.3%	329,724,646	14
Current liabilities (payable from current assets)								
15 Accounts payable and other liabilities	11,793,716	(1,565,175)	-13.3%	10,228,541	(43,393,931)	-80.9%	53,622,472	15
16 Due to City of New Orleans	1,760,528	1,816,041	103.2%	3,576,569	1,549,560	76.4%	2,027,009	16
17 Disaster Reimbursement Revolving Loan	-	-	0.0%	-	-	0.0%	-	17
18 Retainers and estimates payable	1,011,407	4,803,668	474.9%	5,815,075	3,039,112	109.5%	2,775,963	18
19 Due to other fund	114,722	157,831	137.6%	272,553	(0)	0.0%	272,553	19
20 Accrued salaries	(255,205)	646,029	-253.1%	390,824	(72,161)	-15.6%	462,985	20
21 Claims payable	1,089,171	400,088	36.7%	1,489,259	(0)	0.0%	1,489,259	21
22 Other postretirement benefits liability	2,620,821	(642,720)	-24.5%	1,978,102	(211,657)	-9.7%	2,189,759	22
23 Debt Service Assistance Fund Loan payable	-	-	0.0%	-	-	0.0%	-	23
24 Advances from federal government	2,692,465	62,604	2.3%	2,755,068	0	0.0%	2,755,068	24
25 Other Liabilities	908,020	295,709	32.6%	1,203,729	232,594	24.0%	971,135	25
26 Total current liabilities (payable from current assets)	21,735,646	5,974,074	27.5%	27,709,720	(38,856,483)	-58.4%	66,566,203	26
Current liabilities (payable from restricted assets)								
27 Accrued interest	883,851	(94,997)	-10.7%	788,854	-	0.0%	788,854	27
28 Bonds payable	3,825,000	180,000	4.7%	4,005,000	-	0.0%	4,005,000	28
29 Retainers and estimates payable	79,273	(79,273)	-100.0%	-	(79,273)	-100.0%	79,273	29
30 Total current liabilities (payable from restricted assets)	4,788,124	5,730	0.1%	4,793,854	(79,273)	-1.6%	4,873,127	30
31 TOTAL CURRENT LIABILITIES	26,523,770	5,979,804	22.5%	32,503,574	(38,935,756)	-54.5%	71,439,330	31
32 TOTAL LIABILITIES	354,786,925	14,250,104	4.0%	369,659,286	(31,504,690)	-7.9%	401,163,976	32
Deferred inflows or resources:								
33 Amounts related to net pension liability	2,753,922	4,046,744	146.9%	6,800,666	1,868,773	37.2%	5,025,559	33
34 Amounts related to total OPEB liability	1,695,590	1,797,011	106.0%	3,492,602	4,015,877	126.9%	3,165,241	34
35 TOTAL DEFERRED INFLOWS OF RESOURCES	4,449,512	5,843,755	131.3%	10,293,268	5,884,650	71.8%	8,190,800	35
36 Total Net Position, Liabilities and Deferred Inflows of Resources	750,996,129	87,468,073	11.6%	844,930,215	14,467,779	1.7%	830,462,436	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR AND BEGINNING OF YEAR COMPARISONS
August 2021 Closed Financials

		A	B	C	D	E	F	G	
Assets									
Noncurrent assets:		Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
1	Property, plant and equipment	1,440,446,048	45,036,716	3.1%	1,485,482,764	9,778,681	0.7%	1,475,704,083	1
2	Less: accumulated depreciation	353,353,544	16,577,338	4.7%	369,930,882	16,741,799	4.7%	353,189,083	2
3	Property, plant, and equipment, net	1,087,092,504	28,459,378	2.6%	1,115,551,882	(6,963,118)	-0.6%	1,122,515,000	3
Restricted cash, cash equivalents, and investments									
4	Cash and cash equivalents restricted for capital projects	11,101,676	84,071,642	757.3%	95,173,319	10,378,147	12.2%	84,795,172	4
5	Debt service	19,290,139	(2,890,978)	-15.0%	16,399,160	8,315,717	102.9%	8,083,443	5
6	Debt service reserve	18,615,642	(11,550,004)	-62.0%	7,065,638	(12,903,772)	-64.6%	19,969,410	6
7	Health insurance reserve	603,855	250,400	41.5%	854,255	0	0.0%	854,255	7
8	Total restricted cash, cash equivalents, and investments	49,611,312	69,881,060	140.9%	119,492,372	5,790,092	5.1%	113,702,280	8
Current assets:									
Unrestricted and undesignated									
9	Cash and cash equivalents	39,347,891	11,065,249	28.1%	50,413,140	4,607,379	10.1%	45,805,761	9
Accounts receivable:									
10	Customers (net of allowance for doubtful accounts)	26,838,645	(3,014,038)	-11.2%	23,824,607	1,332,499	5.9%	22,492,108	10
11	Taxes	-	-	0.0%	-	-	0.0%	-	11
12	Interest	2,147	(590)	-27.5%	1,557	0	0.0%	1,557	12
13	Grants	1,057,269	(107,031)	-10.1%	950,237	(251,229)	-20.9%	1,201,466	13
14	Miscellaneous	960,567	(607,667)	-63.3%	352,901	(297,286)	-45.7%	650,187	14
15	Due from (to) other internal departments	22,085,898	(9,358,123)	-42.4%	12,727,775	(4,747,716)	-27.2%	17,475,491	15
16	Inventory of supplies	1,635,632	153,174	9.4%	1,788,806	0	0.0%	1,788,806	16
17	Prepaid expenses	130,248	114,996	88.3%	245,244	(0)	0.0%	245,244	17
18	Total unrestricted current assets	92,058,297	(1,754,030)	-1.9%	90,304,267	643,647	0.7%	89,660,620	18
Other assets:									
19	Funds from/for customer deposits	-	-	0.0%	-	-	0.0%	-	19
20	Deposits	17,965	-	0.0%	17,965	-	0.0%	17,965	20
21	Total other assets	17,965	-	0.0%	17,965	-	0.0%	17,965	21
22	TOTAL ASSETS	1,228,780,078	96,586,408	141.6%	1,325,366,486	(529,379)	5.2%	1,325,895,865	22
Deferred outflows or resources:									
23	Deferred amounts related to net pension liability	(240,683)	5,251,007	-2181.7%	5,010,324	(491,746)	-9.8%	5,502,070	23
24	Deferred amounts related to OPEB	14,338,151	5,746,076	40.1%	20,084,226	4,742,560	30.9%	15,341,666	24
25	Deferred loss on bond refunding	2,513,395	(245,374)	-9.8%	2,268,021	0	0.0%	2,268,021	25
26	TOTAL DEFERRED OUTFLOWS OF RESOURCES	16,610,862	10,751,709	64.7%	27,362,571	4,250,814	18.4%	23,111,757	26
27	TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	1,245,390,940	107,338,117	206.3%	1,352,729,057	3,721,435	23.6%	1,349,007,622	27

SEWERAGE AND WATER BOARD OF NEW ORLEANS
SEWER SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	
	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
NET ASSETS AND LIABILITIES								
Net position								
1 Net investments in capital assets	881,760,394	28,835,851	3.3%	910,596,246	3,722,253	0.4%	906,873,993	1
2 Restricted for Debt Service	37,905,781	(14,440,982)	-38.1%	23,464,798	(4,588,055)	-16.4%	28,052,853	2
3 Unrestricted	(81,321,567)	6,629,790	-8.2%	(74,691,777)	12,537,827	-14.4%	(87,229,604)	3
4 Total net position	838,344,607	21,024,660	2.5%	859,369,267	11,672,025	1.4%	847,697,242	4
Long-term liabilities								
5 Claims payable	4,937,099	235,231	4.8%	5,172,330	-	0.0%	5,172,330	5
6 Accrued vacation and sick pay	3,518,524	321,540	9.1%	3,840,064	16,472	0.4%	3,823,592	6
7 Net pension obligation	30,410,417	411,650	1.4%	30,822,067	(1,682,968)	-5.2%	32,505,035	7
8 Other postretirement benefits liability	71,405,751	12,414,748	17.4%	83,820,499	8,531,690	11.3%	75,288,809	8
9 Bonds payable (net of current maturities)	223,125,346	66,844,842	30.0%	289,970,188	1,027,010	0.4%	288,943,178	9
10 Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-	10
11 Southeast Louisiana Project liability	-	-	0.0%	-	-	0.0%	-	11
12 Debt Service Assistance Fund Loan payable	40,039,087	(2,773,797)	-6.9%	37,265,290	-	0.0%	37,265,290	12
13 Customer deposits	-	-	0.0%	-	-	0.0%	-	13
14 Total long-term liabilities	373,436,224	77,454,214	20.7%	450,890,438	7,892,204	1.8%	442,998,234	14
Current liabilities (payable from current assets)								
15 Accounts payable and other liabilities	5,222,051	2,475,503	47.4%	7,697,554	(17,757,007)	-69.8%	25,454,561	15
16 Due to City of New Orleans	-	-	0.0%	-	-	0.0%	-	16
17 Disaster Reimbursement Revolving Loan	-	-	0.0%	-	-	0.0%	-	17
18 Retainers and estimates payable	1,435,001	356,061	24.8%	1,791,062	(402)	0.0%	1,791,464	18
19 Due to other fund	55,422	74,091	133.7%	129,513	0	0.0%	129,513	19
20 Accrued salaries	(128,264)	778,890	-607.3%	650,627	(66,317)	-9.3%	716,944	20
21 Claims payable	1,057,413	397,588	37.6%	1,455,001	0	0.0%	1,455,001	21
22 Other postretirement benefits liability	2,620,821	(642,720)	-24.5%	1,978,102	(211,657)	-9.7%	2,189,759	22
23 Debt Service Assistance Fund Loan payable	2,650,800	122,997	4.6%	2,773,797	0	0.0%	2,773,797	23
24 Advances from federal government	1,976,305	-	0.0%	1,976,305	0	0.0%	1,976,305	24
25 Other Liabilities	290,466	111,182	38.3%	401,647	90,121	28.9%	311,526	25
26 Total current liabilities (payable from current assets)	15,180,015	3,673,593	24.2%	18,853,608	(17,945,262)	-48.8%	36,798,870	26
Current liabilities (payable from restricted assets)								
27 Accrued interest	1,604,260	218,047	13.6%	1,822,307	-	0.0%	1,822,307	27
28 Bonds payable	12,099,000	(606,000)	-5.0%	11,493,000	-	0.0%	11,493,000	28
29 Retainers and estimates payable	277,322	(270,154)	-97.4%	7,168	-	0.0%	7,168	29
30 Total current liabilities (payable from restricted assets)	13,980,582	(658,107)	-4.7%	13,322,475	-	0.0%	13,322,475	30
31 TOTAL CURRENT LIABILITIES	29,160,597	3,015,486	10.3%	32,176,083	(17,945,262)	-35.8%	50,121,345	31
32 TOTAL LIABILITIES	402,596,821	80,469,700	20.0%	483,066,521	(10,053,058)	-2.0%	493,119,579	32
Deferred inflows or resources:								
33 Amounts related to net pension liability	2,753,922	4,046,744	146.9%	6,800,666	1,775,107	35.3%	5,025,559	33
34 Amounts related to total OPEB liability	1,695,590	1,797,012	106.0%	3,492,603	327,361	10.3%	3,165,242	34
35 TOTAL DEFERRED INFLOWS OF RESOURCES	4,449,512	5,843,756	131.3%	10,293,269	2,102,468	25.7%	8,190,801	35
36 Total Net Position, Liabilities and Deferred Inflows of Resources	1,245,390,940	101,494,360	8.1%	1,352,729,056	3,721,434	0.3%	1,349,007,622	36

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR AND BEGINNING OF YEAR COMPARISONS
August 2021 Closed Financials

Assets		A	B	C	D	E	F	G	
		Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
Noncurrent assets:									
1	Property, plant and equipment	1,963,643,867	109,126,700	5.6%	2,072,770,567	8,486,893	0.4%	2,064,283,674	1
2	Less: accumulated depreciation	414,480,871	15,879,757	3.8%	430,360,628	13,923,129	3.3%	416,437,499	2
3	Property, plant, and equipment, net	1,549,162,996	93,246,943	6.0%	1,642,409,939	(5,436,236)	-0.3%	1,647,846,175	3
Restricted cash, cash equivalents, and investments									
4	Cash and cash equivalents restricted for capital projects	313,949	617,361	0.0%	931,310	(3,298,764)	-78.0%	4,230,074	4
5	Debt service	2,091,382	(52,282)	-2.5%	2,039,100	2,039,100	0.0%	-	5
6	Debt service reserve	-	-	0.0%	-	-	0.0%	-	6
7	Health insurance reserve	645,032	125,200	19.4%	770,232	(0)	0.0%	770,232	7
8	Total restricted cash, cash equivalents, and investments	3,050,363	690,279	22.6%	3,740,642	(1,259,664)	-25.2%	5,000,306	8
Current assets:									
Unrestricted and undesignated									
9	Cash and cash equivalents	41,996,143	(493,115)	-1.2%	41,503,029	20,630,835	98.8%	20,872,194	9
Accounts receivable:		-							
10	Customers (net of allowance for doubtful accounts)	(29,675)	25,196	-84.9%	(4,479)	(4,479)	0.0%	-	10
11	Taxes	4,123,123	(3,670,528)	-89.0%	452,595	(2,691,865)	-85.6%	3,144,460	11
12	Interest	-	-	0.0%	-	-	0.0%	-	12
13	Grants	2,197,786	(388,992)	-17.7%	1,808,794	(1,959,507)	-52.0%	3,768,301	13
14	Miscellaneous	2,560,639	(1,605,544)	-62.7%	955,095	(33,617)	-3.4%	988,712	14
15	Due from (to) other internal departments	(20,344,275)	12,260,617	-60.3%	(8,083,658)	4,568,929	-36.1%	(12,652,587)	15
16	Inventory of supplies	1,120,384	76,587	6.8%	1,196,971	(0)	0.0%	1,196,971	16
17	Prepaid expenses	155,520	57,498	37.0%	213,018	0	0.0%	213,018	17
18	Total unrestricted current assets	31,779,645	6,261,719	19.7%	38,041,365	20,510,296	117.0%	17,531,069	18
Other assets:									
19	Funds from/for customer deposits	-	-	0.0%	-	-	0.0%	-	19
20	Deposits	10,400	-	0.0%	10,400	-	0.0%	10,400	20
21	Total other assets	10,400	-	0.0%	10,400	-	0.0%	10,400	21
22	TOTAL ASSETS	1,584,003,404	100,198,941	48.4%	1,684,202,346	13,814,396	91.5%	1,670,387,950	22
Deferred outflows or resources:									
23	Deferred amounts related to net pension liability	(240,683)	5,251,007	-2181.7%	5,010,324	(491,746)	-8.9%	5,502,070	23
24	Deferred amounts related to OPEB	14,338,154	5,746,073	40.1%	20,084,227	4,742,560	30.9%	15,341,667	24
25	Deferred loss on bond refunding	75,462	(11,519)	-15.3%	63,943	(0)	0.0%	63,943	25
26	TOTAL DEFERRED OUTFLOWS OF RESOURCES	14,172,933	10,985,561	77.5%	25,158,494	4,250,814	20.3%	20,907,680	26
27	TOTAL ASSETS AND TOTAL DEFERRED OUTFLOWS	1,598,176,337	111,184,502	125.9%	1,709,360,839	18,065,209	111.8%	1,691,295,630	27

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE SYSTEM FUND
STATEMENTS OF NET POSITION
WITH PRIOR YEAR COMPARISONS
August 2021 Closed Financials

	A	B	C	D	E	F	G	
	Prior Year	Variance	%	Current Year	Variance	%	Beginning of Year	
NET ASSETS AND LIABILITIES								
Net position								
1 Net investments in capital assets	1,312,561,917	119,109,964	9.1%	1,431,671,881	(6,619,673)	-0.5%	1,438,291,554	1
2 Restricted for Debt Service	2,091,382	(52,282)	-2.5%	2,039,100	2,039,100	0.0%	-	2
3 Unrestricted	(123,768,022)	17,645,138	-14.3%	(106,122,884)	28,365,661	-21.1%	(134,488,545)	3
4 Total net position	1,190,885,278	136,702,819	11.5%	1,327,588,097	23,785,088	1.8%	1,303,803,009	4
Long-term liabilities								
5 Claims payable	34,392,486	(324,269)	-0.9%	34,068,217	-	0.0%	34,068,217	5
6 Accrued vacation and sick pay	1,957,789	134,864	6.9%	2,092,653	7,096	0.3%	2,085,557	6
7 Net pension obligation	30,410,417	411,651	1.4%	30,822,068	(1,682,967)	-5.2%	32,505,035	7
8 Other postretirement benefits liability	71,405,753	12,414,747	17.4%	83,820,500	8,531,690	11.3%	75,288,810	8
9 Bonds payable (net of current maturities)	4,007,444	(1,993,269)	-49.7%	2,014,175	-	0.0%	2,014,175	9
10 Special Community Disaster Loan Payable	-	-	0.0%	-	-	0.0%	-	10
11 Southeast Louisiana Project liability	250,343,870	(43,862,931)	-17.5%	206,480,939	(3,334,581)	-1.6%	209,815,520	11
12 Debt Service Assistance Fund Loan payable	-	-	0.0%	-	-	0.0%	-	12
13 Customer deposits	-	-	0.0%	-	-	0.0%	-	13
14 Total long-term liabilities	392,517,758	(33,219,207)	-8.5%	359,298,552	3,521,238	1.0%	355,777,314	14
Current liabilities (payable from current assets)								
15 Accounts payable and other liabilities	3,020,339	1,919,060	63.5%	4,939,399	(10,613,542)	-68.2%	15,552,941	15
16 Due to City of New Orleans	-	-	0.0%	-	-	0.0%	-	16
17 Disaster Reimbursement Revolving Loan	-	-	0.0%	-	-	0.0%	-	17
18 Retainers and estimates payable	1,997,460	(993,513)	-49.7%	1,003,947	(656,861)	-39.6%	1,660,808	18
19 Due to other fund	66,139	90,185	136.4%	156,325	(0)	0.0%	156,325	19
20 Accrued salaries	(90,667)	844,816	-931.8%	754,149	138,478	22.5%	615,671	20
21 Claims payable	736,090	634,888	86.3%	1,370,978	(0)	0.0%	1,370,978	21
22 Total OPEB liability, due within one year	2,620,821	(642,720)	-24.5%	1,978,102	(211,657)	-9.7%	2,189,759	22
23 Debt Service Assistance Fund Loan payable	-	-	0.0%	-	-	0.0%	-	23
24 Advances from federal government	-	-	0.0%	-	-	0.0%	-	24
25 Other Liabilities	16,016	-	0.0%	16,016	(0)	0.0%	16,016	25
26 Total current liabilities (payable from current assets)	8,366,199	1,852,716	22.1%	10,218,915	(11,343,583)	-52.6%	21,562,498	26
Current liabilities (payable from restricted assets)								
27 Accrued interest	62,588	(55,580)	-88.8%	7,008	-	0.0%	7,008	27
28 Bonds payable	1,895,000	60,000	3.2%	1,955,000	-	0.0%	1,955,000	28
29 Retainers and estimates payable	-	-	0.0%	-	-	0.0%	-	29
30 Total current liabilities (payable from restricted assets)	1,957,588	4,420	0.2%	1,962,008	-	0.0%	1,962,008	30
31 TOTAL CURRENT LIABILITIES	10,323,787	1,857,136	18.0%	12,180,923	(11,343,583)	-48.2%	23,524,506	31
32 TOTAL LIABILITIES	402,841,545	(31,362,071)	-7.8%	371,479,474	(7,822,346)	-2.1%	379,301,820	32
Deferred inflows or resources:								
33 Amounts related to net pension liability	2,753,922	4,046,744	146.9%	6,800,666	1,775,107	35.3%	5,025,559	33
34 Amounts related to total OPEB liability	1,695,592	-	0.0%	3,492,603	-	0.0%	3,165,242	34
35 TOTAL DEFERRED INFLOWS OF RESOURCES	4,449,514	5,843,754	131.3%	10,293,269	2,102,468	25.7%	8,190,801	35
36 Total Net Position, Liabilities and Deferred Inflows of Resources	1,598,176,337	105,340,748	6.6%	1,709,360,840	18,065,210	1.1%	1,691,295,630	36



Finance Committee Meeting: Review of January 1, 2021 Actuarial Valuation Results



Rudd and Wisdom, Inc.

September 8, 2021

Prepared for



Mitchell L. Bilbe, FSA, EA
Brandon L. Fuller, FSA, EA
Christopher S. Johnson, FSA, EA

- Adoption of Experience Study
- Funding vs. Accounting
- Accounting Results - Pension & OPEB
- Funding Results - Pension
- Recent ADC and Contribution History
- Q/A



- R&W completed Experience Study in February 2020
- Board of Trustees adopted new assumptions in December 2020
- Board of Trustees authorized new Funding Policy in December 2020 and officially adopted new stand-alone written Funding Policy in May 2021
- New assumptions used for FY20 GASB 67/68 and GASB 75 reporting
- New assumptions and Funding Policy used for January 1, 2021 Funding Valuation

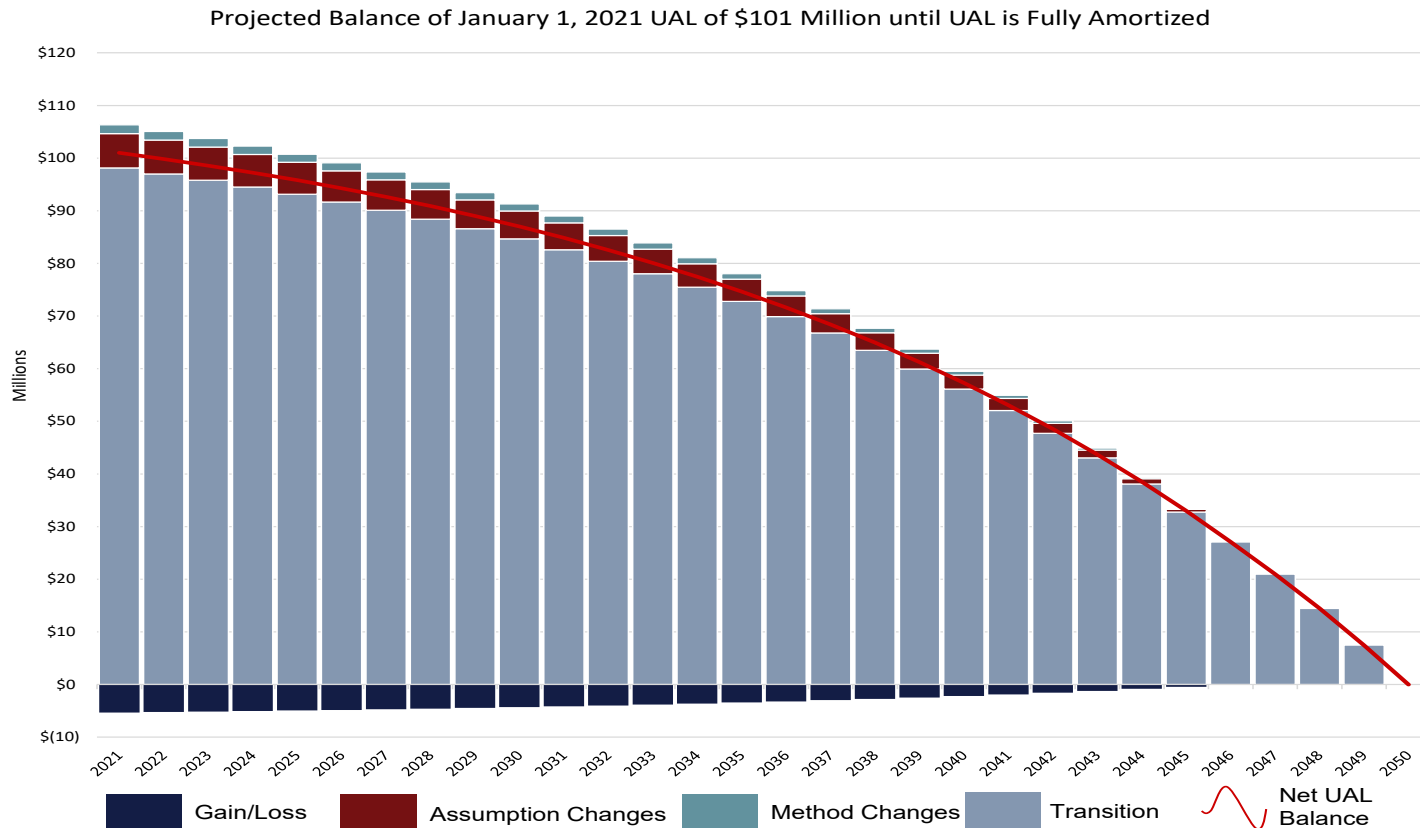
- Updated Demographic Assumptions
 - Retirement Rates - New rates based on Age and Service
 - DROP Elections - New rates based on Age
 - Termination Rates - New rates based on Age and Service
 - Withdrawal of Employee Contributions - Increase assumed election rate
 - Disability Rates - New rates based on Age
 - Mortality Rates - Update to recently published tables with mortality improvement projection scale, adjusted for expected difference in rates for Louisiana mortality experience
 - Credited Service for Unused Leave - Increase Credited Service for expected Unused Leave
 - Other - Spouse Age Difference and Form of Payment assumptions also updated
- Updated Economic Assumptions
 - COLA - 2.00%
 - Compensation Increases - New Rates based on Age
 - Investment Return - No change (7.00%)



- New assumptions
 - Increase January 1, 2021 Pension Plan Accrued Liability by \$6.5M (1.9% increase)
- New methods accelerate funding of Pension Plan
 - Closed period instead of Open period amortization
 - Various amortization periods of different layers but shorter overall than current 30 year period
 - Employer's portion of Actuarially Determined Contribution (ADC) increases by 1.3% of Payroll for 2021 (\$0.6M)
 - Employee portion of ADC remains at 6.0% of pay



- Projection of Unfunded Accrued Liability (UAL)



Funding

- Pension Plan
 - Determines ADC¹ Based on Funding Policy (NC + Amort)
 - Prior = NC + 30 Year Open period amortization of UAL²
 - New = NC + Layered Closed Period Amortization (Layers over 15, 25 and 30 years)
 - Liability discounted at 7.00% expected return
 - Smoothed Assets (7-year average)
- OPEB
 - Unfunded
 - No ADC determined since not prefunded
 - Pay-as-you-go Cost
 - 2020 Paygo Cost = \$6.6M
 - Paygo Cost down from 2019 \$7.5M cost due to lower utilization during pandemic

¹ ADC = Actuarially Determined Contribution

² NC = Normal Cost and UAL = Unfunded Accrued Liability

Accounting

- Pension Plan (GASB 68)
 - Liability discounted at 7.00% expected return
 - Market Value of Assets (MVA)
 - Net Pension Liability (NPL) on Balance Sheet = AAL - MVA
 - Expense
 - Not equal to contribution
 - Based on Change in NPL
 - Short Amortization of some changes (Gains/Losses and Assumption change) required
- OPEB (GASB 75)
 - Since unfunded, liability determined using 20-year tax-exempt municipal bonds AA/Aa+, marked-to-market on measurement date
 - 2.74% at 12/31/2019
 - 2.12% at 12/31/2020
 - Net OPEB Liability on Balance Sheet
 - Expense – same construct as pension



GASB Accounting Results – Pension and OPEB



Rudd and Wisdom, Inc.

\$ in millions	Pension (GASB 68)		OPEB (GASB 75)	
	<u>FY19</u>	<u>FY20</u>	<u>FY19</u>	<u>FY20</u>
1. Expense	\$19.7	\$13.0	\$15.4	\$24.1
2. 12/31 Plan Liability	\$344.7	\$345.9	\$195.2	\$232.4
3. 12/31 Market Value of Assets	\$239.7	\$248.4	\$0.0	\$0.0
4. 12/31 Balance Sheet Liability [Line 2. – Line 3.]	\$105.0 (Net Pension Liability)	\$97.5 (Net Pension Liability)	\$195.2 (Net OPEB Liability)	\$232.4 (Net OPEB Liability)
5. Net Deferred Outflows/(Inflows)¹	\$11.6	\$1.4	\$16.8	\$36.5
6. Discount Rate	7.00%	7.00%	2.74%	2.12%

¹ Amounts to be expensed in future years.



Pension Plan Funding Liabilities and Assets¹



Rudd and Wisdom, Inc.

	January 1, 2020	January 1, 2021
1. Market Value of Assets (MVA)	\$239,677,702	\$248,401,024
2. Actuarial Value of Assets (AVA)	\$246,441,104	\$244,915,723
3. Actuarial Accrued Liability (AAL)	\$345,617,426	\$345,916,129
4. Unfunded Accrued Liability (UAL) [3. – 2.]	\$99,176,322	\$101,000,406
5. Funded Status [2. / 3.]	71.30%	70.80%
6. Normal Cost ²	\$4,947,747	\$5,582,391

¹ See page II-4 of 2021 valuation report for additional details.

² Includes interest to middle of year.



- Employer Contribution Comparison of 2020 to 2021
 - *(As presented on page II-1 of 2021 valuation report):*

	Annual Contribution	
	<u>2020</u>	<u>2021</u>
1. Total Funding Policy Contribution		
a. Normal Cost	\$ 4,947,747	\$ 5,582,391
b. UAL Amortization	<u>7,746,757</u>	<u>7,964,829</u>
c. Total	\$12,694,504	\$13,547,220
2. Employee Funding Policy Contribution ^{1,2}	<u>(2,430,806)</u>	<u>(2,932,625)</u>
3. Employer Funding Policy Contribution	\$10,263,698	\$10,614,595
4. Employer Funding Policy Contribution as a Percent of Payroll ³	21.112%	21.717%

¹ For 2020, prior to Board Resolution R-140-2020, when the plan was not 100% funded, the Employer Contribution was determined under Board Resolution R-248-2014 which assumed employees contributed 5% of Earnable Compensation even though actual Employee Contributions were 6% of Earnable Compensation.

² For 2021+, in accordance with Board Resolution R-140-2020 the Employer's portion of the ADC is determined by offsetting the total ADC by the actual Employee Contributions of 6% of Earnable Compensation.

³ Based on projected Earnable Compensation (i.e., Pension Payroll) of \$48,616,122 for 2020 and \$48,877,084 for 2021.

	Employer Contribution as % of Payroll
2020 Employer Contribution	21.1%
Actuarial Gains during 2020	(0.7)%
Changes in Assumptions and Funding Policy	<u>1.3%</u>
2021 Employer Contribution	21.7%



Member Category	Members as of January 1, 2020	Members as of January 1, 2021
Actives	1,185	1,177
Vested Terminated	40	41
Nonvested Terminated	136	165
Retirees and Beneficiaries ²	<u>909</u>	<u>901</u>
Total	2,270	2,284

¹ See page VII-1 of 2021 valuation report for details of changes in membership from 1/1/2020 to 1/1/2021.

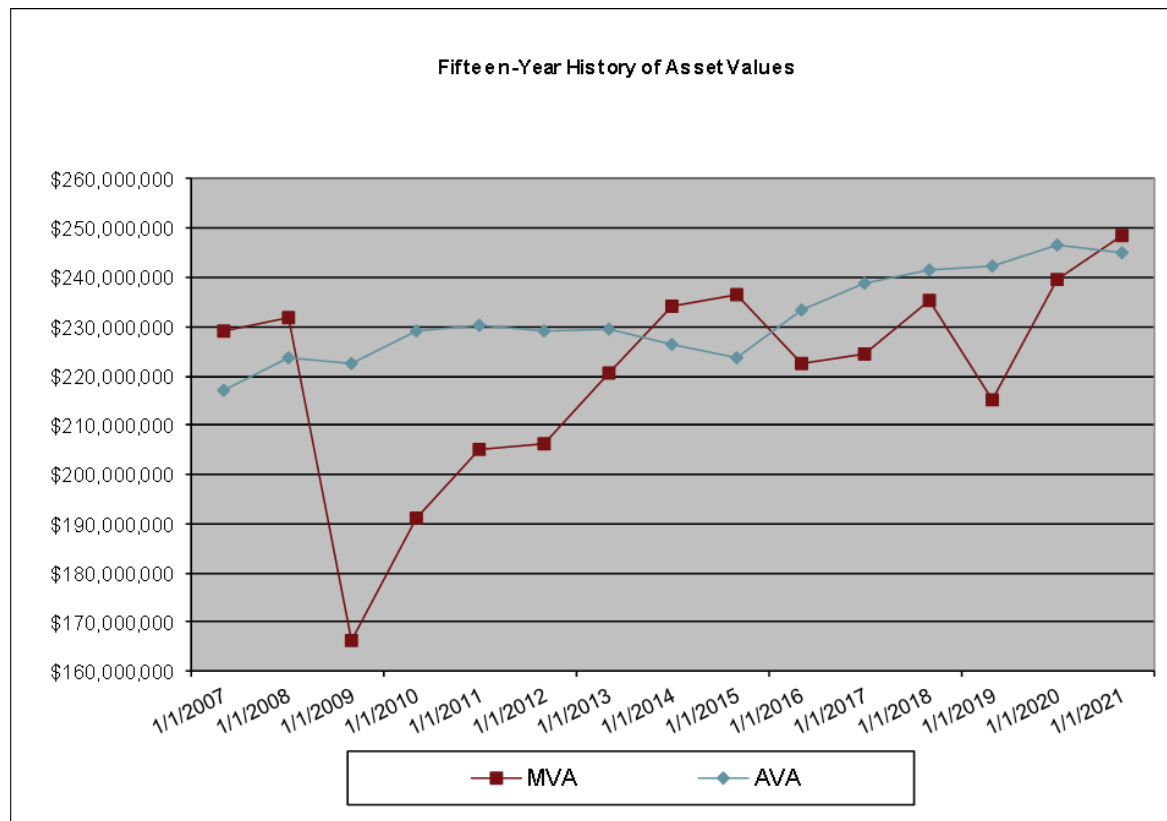
² Includes DROP Retirees.

	2019 (in \$millions)	2020 (in \$millions)
1. Market Value of Assets at Beginning of Year	\$215.3	\$239.7
2. Employer Contributions	10.5	10.4
3. Employee Contributions	2.8	3.0
4. Net Investment Income	33.7	20.9
5. Benefit Payments	(22.9)	(26.3)
6. City and other Transfers	<u>0.3</u>	<u>0.7</u>
7. Market Value of Assets at End of Year	\$239.7	\$248.4
8. Rate of Return	16.0%	8.9%

Recent Asset History

Market Value vs. Actuarial Value

- As of 1/1/2021, Cumulative Asset Gains of \$3.5M are deferred and not yet recognized in Actuarial Value of Assets (AVA) due to smoothing
 - (As shown on page II-5 of 2021 valuation report.)



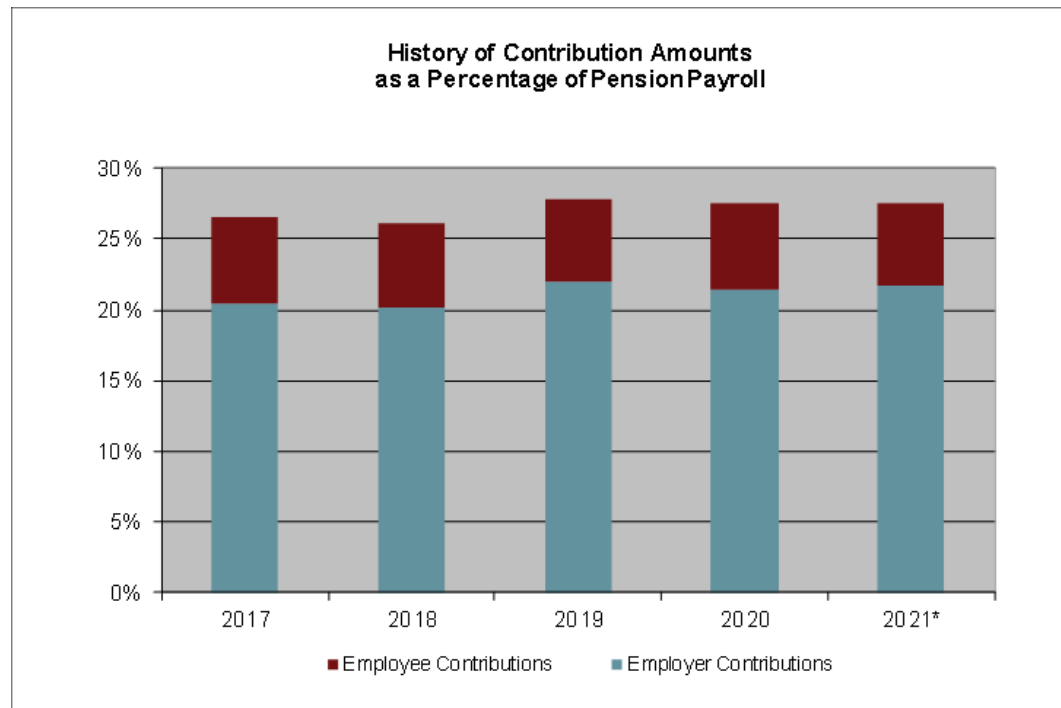
Pension Plan Funding History

(As shown on page II-2 of 2021 Valuation Report)



Rudd and Wisdom, Inc.

- From 2020 to 2021, Employer Contribution increased 0.6% of payroll (increase due to new assumptions and new funding policy offset in part by liability gains during the year)
 - (As shown on page II-2 of 2021 valuation report.)



* Based on employer funding policy contribution of 21.717% of Pension Payroll (estimated to be \$10.6M based on estimated Pension Payroll) for 2021.



Year	Employer Portion of Actuarially Determined Contribution (ADC) ¹	Employer Contribution	Employee Contribution
2017	\$7,155,787	\$7,239,467	\$2,139,705
2018	\$8,435,598	\$8,419,441	\$2,535,027
2019	\$10,156,701	\$10,466,009	\$2,793,158
2020	\$10,263,698	\$10,392,532	\$3,015,231
2021	\$10,614,595	\$10,614,595 ²	\$2,932,625 ²

¹ Prior to 2021, based on 30-year open period, level dollar amortization of Unfunded Accrued Liability. For 2021+, based on layered closed period amortization (layers of 15, 25 and 30 years).

² Assumed contributions based on estimated payroll for 2021.



Questions?



AUTHORIZING AGREEMENT BETWEEN THE CITY OF NEW ORLEANS, DEPARTMENT OF PUBLIC WORKS AND THE SEWERAGE AND WATER OF NEW ORLEANS FOR WIFIA FUNDED PROJECTS

WHEREAS, under the federal Water Infrastructure Finance and Innovation Act (WIFIA) program of the United States Environmental Protection Agency (EPA), the Sewerage and Water Board of New Orleans (the “Board”) has applied for up to \$275,000,000.00 in WIFIA loan funds for pay for all or part of eligible costs for approximately 140 select, eligible Sewer and Water Line Rehabilitation, Repair and Replacement Program projects (“WIFIA Projects”); and

WHEREAS, by definition, WIFIA Projects are those to rehabilitate and repair plants, systems, facilities, equipment, extensions, improvements, enlargements and additions and all replacements in connection with the sewerage system of the Board to minimize sanitary system overflows; and

WHEREAS, use of WIFIA funds for eligible WIFIA Project costs is anticipated to accelerate the design and completion of the WIFIA projects more quickly than otherwise might be possible, because the deadline for substantial completion of WIFIA Projects is May 30, 2025, and the final maturity date for the WIFIA loan is defined to be the earlier of (a) December 1, 2057 (or such earlier date as is set forth in an updated Exhibit F to the final loan agreement between the Board and the WIFIA Lender (as defined in such loan agreement), or (b) the Payment Date immediately preceding the date that is thirty-five (35) years following the Substantial Completion; and

WHEREAS, in connection with the WIFIA Loan Agreement, the Board and City of New Orleans (the “City”) now desire to provide for their respective roles and responsibilities for projects to be funded with WIFIA funds and managed collaboratively between the City and the Board; and

WHEREAS, the City and the Board already are parties to an agreement dated July 1, 1992 (the 1992 Agreement) to define the role and responsibilities of the parties for coordination of all capital improvement projects, and further to the provisions of Section II of the 1992 Agreement, the Board and CNO desire to more fully provide for the respective roles and responsibilities of the Board, the City and DPW for WIFIA projects to be funded in whole or in part by WIFIA funds;

NOW, THEREFORE, BE IT RESOLVED, that the Executive Director of the Sewerage and Water Board of New Orleans be and is hereby authorized to execute an agreement with the City of New Orleans for the WIFIA Projects to be funded totally or in part by WIFIA funds.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

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



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: October 5, 2021

To: Board of Directors

From: Dexter Joseph, Planning & Budget Director *DJ*

Re: Resolution R-104-2021 to adopt the Sewerage and Water Board Millage for the fiscal year 2022

Summary. Staff recommends the adoption of the attached resolution to set millage rates for collections on behalf of the Sewerage and Water Board at the same rates that were in effect for 2021.

Background. The Louisiana Constitution authorizes the setting of the millage rate after reassessment but not in excess of the prior year's maximum authorized millage rate and only after a public hearing is held and call for that purpose, and only if approved by a two-third majority vote of the tax recipient body. A public hearing on this matter will be held on Wednesday, October 20, 2021.

The Proposed Millage Rates. The 2022 millage rate revenues will be determined once the Board of Review Certifies the Tax Rolls and will be calculated based on the following three mills.

Three Mill Tax	LA Revised Statue 33:4124	4.46 mills
Six Mill Tax	LA Revised Statue 33:4137	4.71 mills
Nine Mill Tax	LA Revised Statute 33:4147	7.06 mills

These funds are dedicated by law and the Sewerage and Water Board to the drainage system that protects Orleans Parish.

Recommended Action. The Council of the City of New Orleans is required by the provisions of Article VII, Section 23 of the Louisiana Constitution to adjust the millage for certain tax recipient bodies within the Parish of Orleans and to levy Ad Valorem taxes on behalf of itself or such other tax recipient bodies in the Parish of Orleans.

Staff recommends that it would be appropriate for the Finance/Operations Committee to recommend to the Board of Directors of Sewerage and Water Board for adoption of the attached resolution to set millages collected on behalf of Sewerage and Water Board at the same rates as were in effect in 2021.

**REQUEST TO SET SEWERAGE AND WATER BOARD
DRAINAGE MILLAGE RATES FOR 2022**

WHEREAS, the Council of the City of New Orleans is required by the provisions of Article VII, Section 23 of the Louisiana Constitution to set the millage for certain tax recipient bodies within the Parish of Orleans and to levy Ad Valorem taxes on behalf of itself or such other tax recipient bodies in the Parish of Orleans; and

WHEREAS, such Ad Valorem Tax Millages must be levied for said bodies for the year 2022; and

WHEREAS, Sewerage and Water Board desires to set its Ad Valorem Tax Millage rate for 2022 at the same level as 2021;

NOW, THEREFORE, BE IT RESOLVED by Sewerage and Water Board of New Orleans that it hereby requests the Council of the City of New Orleans to set its Ad Valorem tax millage as follows and to levy these taxes for 2022:

1. Three Mill Tax (Adjusted) – LA Revised Statute 33:4124
For the operation and maintenance of the drainage system of the City of New Orleans and for the construction and extension of said drainage systems, excluding subsurface drainage systems and their appurtenances at 4.46 mills.
2. Six Mill Tax (Adjusted) – LA Revised Statute 33:4137
For the operation and maintenance of the drainage system of the City of New Orleans, and for the construction and extension of said drainage systems, excluding subsurface drainage systems and their appurtenances at 4.71 mills; and
3. Nine Mill Tax (Adjusted) - LA Revised Statute 33:4147
For the operation and maintenance of the drainage system of the City of New Orleans, and for the construction and extension of said drainage systems, excluding subsurface drainage systems and their appurtenances at 7.06 mills.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans, do
hereby certify that the above and foregoing
is a true and correct copy of a resolution
adopted at a meeting of its Board of Directors
duly called and held, according to law on
October 20, 2021.

Ghassan Korban
Executive Director

**SEVENTH SUPPLEMENTAL SEWERAGE SERVICE
REVENUE BOND RESOLUTION**

adopted on October 20, 2021

by the

SEWERAGE AND WATER BOARD OF NEW ORLEANS

IN CONNECTION WITH THE ISSUANCE OF

NOT EXCEEDING \$275,000,000

SEWERAGE SERVICE REVENUE BOND (WIFIA PROJECTS), SERIES 2021

OF THE

CITY OF NEW ORLEANS, LOUISIANA

SEWERAGE AND WATER BOARD OF NEW ORLEANS

**SEVENTH SUPPLEMENTAL SEWERAGE SERVICE REVENUE BOND RESOLUTION
AUTHORIZING THE ISSUANCE OF**

SEWERAGE SERVICE REVENUE BOND (WIFIA PROJECTS), SERIES 2021

The following resolution was offered by _____ and seconded by _____:

A Seventh Supplemental Resolution authorizing the issuance of the Sewerage Service Revenue Bond (WIFIA Projects), Series 2021, of the City of New Orleans, Louisiana, in the maximum principal amount of Two Hundred Seventy-Five Million Dollars (\$275,000,000) in accordance with the terms of the General Sewerage Service Revenue Bond Resolution; authorizing the execution of a WIFIA Loan Agreement; and providing for other matters relating to the foregoing.

WHEREAS, pursuant to the provisions of Part III of Chapter 9, Title 33 of the Revised Statutes of Louisiana of 1950, as amended, and other constitutional and statutory authority (the "Act"), the Sewerage and Water Board of New Orleans (the "Board") in the name of the City of New Orleans, Louisiana (the "City") is authorized to issue bonds; and

WHEREAS, the Congress of the United States of America enacted the Water Infrastructure Finance and Innovation Act, as amended by Section 1445 of the Fixing America's Surface Transportation Act of 2015, as further amended by Section 5008 of the Water Infrastructure Improvements For the Nation Act of 2016 and by Section 4201 of America's Water Infrastructure Act of 2018 (collectively, as the same may be amended from time to time, the "WIFIA Act"), which is codified as 33 U.S.C. §§ 3901-3914; and

WHEREAS, the WIFIA Act authorizes the United States Environmental Protection Agency (the "EPA") to enter into agreements with one or more eligible entities, such as the Board, to provide financial assistance for eligible projects through the purchase of bonds; and

WHEREAS, on May 21, 2014, the Board adopted a General Sewerage Service Revenue Bond Resolution entitled "A resolution authorizing the issuance from time to time of Sewerage Service Revenue Bonds of the City of New Orleans, Louisiana, providing for the general terms, form, manner of payment and security for payment of said bonds, providing for the issuance of a series of Sewerage Service Revenue and Refunding Bonds, and providing for other matters in connection therewith" (the "General Bond Resolution"), in which the Board authorized the issuance from time to time of Sewerage Service Revenue Bonds under the Act; and

WHEREAS, it is now the desire of this Board to authorize the issuance of the City's Sewerage Service Revenue Bond (WIFIA Projects), Series 2021 (the "Series 2021 Bond") in the maximum principal amount of Two Hundred Seventy-Five Million Dollars (\$275,000,000), for the purposes of (i) paying certain Costs of Capital Improvements (each as defined in the General Bond Resolution), (ii) funding a reserve for the Series 2021 Bond, and (iii) paying costs of issuance for the Series 2021 Bond; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the First Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on May 21, 2014 (the "First Supplemental Resolution"), the Board authorized the issuance of the City's Sewerage Service Revenue and Refunding Bonds, Series 2014 (the "Series 2014 Bonds"), further authorized the reissuance of the City's Sewerage Service Revenue Bonds, Series 2011 (the "Series 2011 Bonds") as Common Debt Service Reserve Secured Bonds on a parity with the Series 2014 Bonds, and set forth certain details in connection with the issuance of the Series 2014 Bonds; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the Second Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on October 21, 2015 (the "Second Supplemental Resolution"), the Board authorized the issuance of the City's Sewerage Service Revenue Bonds, Series 2015 (the "Series 2015 Bonds") as Common Debt Service Reserve Secured Bonds on a parity with the Series 2011 Bonds and the Series 2014 Bonds, and set forth certain details in connection with the issuance of the Series 2015 Bonds; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the Third Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on August 21, 2019 (the "Third Supplemental Resolution"), the Board authorized the issuance of the City's Sewerage Service Revenue Bond, Series 2019 (the "Series 2019 Bond") as a Separate Series Debt Service Reserve Secured Bond on a parity with the Series 2011 Bonds, the Series 2014 Bonds and the Series 2015 Bonds, except with respect to certain reserve funds, and set forth certain details in connection with the issuance of the Series 2019 Bond; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the Fourth Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on April 22, 2020 (the "Fourth Supplemental Resolution"), the Board authorized the issuance of the City's Sewerage Service Revenue Bond, Series 2020A (the "Series 2020A Bond") as a Common Debt Service Reserve Secured Bond on a parity with the Series 2011 Bonds, the Series 2014 Bonds, the Series 2015 Bonds and the Series 2019 Bond, and set forth certain details in connection with the issuance of the Series 2020A Bond; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the Fifth Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on September 24, 2020 (the "Fifth Supplemental Resolution"), the Board authorized the issuance of the City's Sewerage Service Revenue Bonds, Series 2020B (the "Series 2020B Bonds") as Common Debt Service Reserve Secured Bonds on a parity with the Series 2011 Bonds, the Series 2014 Bonds, the Series 2015 Bonds, the Series 2019 Bond, and the Series 2020A Bond and set forth certain details in connection with the issuance of the Series 2020B Bonds; and

WHEREAS, pursuant to the provisions of the General Bond Resolution and the Sixth Supplemental Sewerage Service Revenue Bond Resolution adopted by the Board on January 20, 2021 (the "Sixth Supplemental Resolution"), the Board authorized the issuance of the City's Taxable Sewerage Service Revenue Refunding Bonds, Series 2021 (the "Series 2021 Refunding Bonds") as Common Debt Service Reserve Secured Bonds on a parity with the Series 2011 Bonds, the Series 2014 Bonds, the Series 2015 Bonds, the Series 2019 Bond, the Series 2020A Bond, and the Series 2020B Bonds and set forth certain details in connection with the issuance of the Series 2021 Refunding Bonds; and

WHEREAS, capitalized terms used herein and not specifically defined herein shall have the meanings assigned to them in the General Bond Resolution as supplemented to date; and

WHEREAS, it is now the desire of this Board to authorize the issuance of the City's Sewerage Service Revenue Bond (WIFIA Projects), Series 2021 (the "Series 2021 Bond") in the maximum principal

amount of Two Hundred Seventy-Five Million Dollars (\$275,000,000), for the purposes of (i) paying certain Costs of Capital Improvements (each as defined in the General Bond Resolution), (ii) funding a reserve for the Bond, and (iii) paying costs of issuance for the Bond; and

WHEREAS, the Series 2021 Bond will be subject to the terms of the WIFIA Loan Agreement to be entered into by and among the EPA, the City, the Board and the Board of Liquidation (the "WIFIA Loan Agreement"); and

WHEREAS, at an upcoming meeting, the New Orleans City Council (the "City Council") will consider for approval a resolution approving the issuance of the Series 2021 Bond and the execution of the WIFIA Loan Agreement; and

WHEREAS, at an upcoming meeting, the Board of Liquidation, City Debt (the "Board of Liquidation") will consider for approval a resolution authorizing the issuance and sale of the Series 2021 Bond and the execution of the WIFIA Loan Agreement; and

WHEREAS, in accordance with the Act and Section 4.03 of the General Bond Resolution, the Board now desires to adopt this Seventh Supplemental Resolution in order to provide for the issuance of the Series 2021 Bond to provide for the execution of a WIFIA Loan Agreement which designates certain details of the Series 2021 Bond, and certain other matters in connection therewith;

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

ARTICLE I DEFINITIONS AND FINDINGS

SECTION 1.01. Definitions. In this Seventh Supplemental Resolution all capitalized terms shall have the meanings assigned thereto in the above preambles, in the General Bond Resolution, and in this Section 1.01:

"Board of Liquidation Resolution" means the resolution to be adopted by the Board of Liquidation authorizing the issuance and sale of the Series 2021 Bond.

"Completion Date" means the earlier of (i) the date of the final disbursement of the purchase price of the Series 2021 Bond to the Board, or (ii) the date the operation of the Project is initiated or capable of being initiated, as certified by an Authorized Officer in accordance with the WIFIA Loan Agreement.

"Delivery Date" means the date on which the Series 2021 Bond is delivered to the EPA and the first installment of the purchase price therefor is paid by the EPA.

"EPA" means the United States Environmental Protection Agency, an executive department and agency of the State, and any successor to the duties and functions thereof.

"Interest Payment Date" means each June 1 and December 1 of each year on which interest on the Series 2021 Bond is payable, the first of which shall occur after the delivery of the Series 2021 Bond to the EPA and which shall occur semi-annually thereafter in accordance with the WIFIA Loan Agreement until the Series 2021 Bond is paid in full.

"Paying Agent" with respect to the Series 2021 Bond means the Paying Agent as shall be named in the Board of Liquidation Resolution, which shall also serve as registrar with respect to the Series 2021

Bond, or any successor Paying Agent which shall have assumed such responsibilities pursuant to the General Bond Resolution.

"Project" means the Sewer and Water Line Rehabilitation, Repair, and Replacement Program of the Board, as further described in the WIFIA Loan Agreement, which shall be Capital Improvements being financed with the proceeds of the Series 2021 Bond.

"Outstanding Parity Bonds" shall mean the City's outstanding (i) Sewerage Service Revenue Bonds, Series 2011; (ii) unrefunded Series 2014 Bonds, if any; (iii) unrefunded Series 2015 Bonds, if any; (iv) Sewerage Service Revenue Bond, Series 2019; (v) Sewerage Service Revenue Bond, Series 2020A, (vi) Sewerage Service Revenue Bonds, Series 2020B, and (vii) Sewerage Service Revenue Refunding Bonds, Series 2021.

"Series 2021 Bond" shall mean the City's Sewerage Service Revenue Bond (WIFIA Projects), Series 2021, authorized to be issued by this Seventh Supplemental Resolution in the maximum principal amount of Two Hundred Seventy-Five Million Dollars (\$275,000,000).

"Series 2021 Bond Debt Service Reserve Requirement" shall mean an amount equal to one-half (½) of the highest Annual Debt Service due on the Series 2021 Bond in any succeeding Fiscal Year, which shall include any Administrative Fee due on the Series 2021 Bond.

"Seventh Supplemental Resolution" shall mean this resolution of the Board, authorizing the issuance of the Series 2021 Bond.

"Term Sheet" shall mean the WIFIA Term Sheet, which shall constitute the agreement of the EPA to provide financing for the Project.

"WIFIA Act" collectively, means the Water Infrastructure Finance and Innovation Act, as amended by Section 1445 of the Fixing America's Surface Transportation Act of 2015, as further amended by Section 5008 of the Water Infrastructure Improvements For the Nation Act of 2016 and by Section 4201 of America's Water Infrastructure Act of 2018, as the same may be amended from time to time, which is codified as 33 U.S.C. §§ 3901-3914.

"WIFIA Loan Agreement" means the WIFIA Loan Agreement to be entered into among the EPA, the City, the Board and the Board of Liquidation prior to the delivery of the Series 2021 Bond which will contain certain additional agreements relating to the Series 2021 Bond and the Project.

ARTICLE II AUTHORIZATION AND ISSUANCE OF SERIES 2021 BONDS

SECTION 2.01. Authorization.

(a) In compliance with and under the authority of the Act and the General Bond Resolution, and contingent upon the approval of the City Council and the adoption of the Board of Liquidation Resolution, there is hereby authorized the incurring of an indebtedness and issuance of revenue bonds in an aggregate maximum principal amount of Two Hundred Seventy-Five Million Dollars (\$275,000,000) (the "Series 2021 Bond") for, on behalf of and in the name of the City, for the purposes of (i) paying certain Costs of Capital Improvements (each as defined in the General Bond Resolution), (ii) funding a reserve for the Series 2021 Bond, and (iii) paying costs of issuance for the Series 2021 Bond. The aforesaid indebtedness shall be represented by the Series 2021 Bond to be designated "City of New Orleans, Louisiana, Sewerage Service Revenue Bond (WIFIA Projects), Series 2021." The Series 2021 Bond is

Senior Debt under the General Bond Resolution. Notwithstanding the foregoing, if the Series 2021 Bond is delivered in a calendar year other than 2021, the series designation may change accordingly without the necessity of amending this Seventh Supplemental Resolution if set forth in the WIFIA Loan Agreement.

(b) The Series 2021 Bond shall be a fixed rate bond, shall be dated the date of delivery, shall be in fully registered form, shall be in the denomination of Five Thousand Dollars (\$5,000) each or any integral multiple thereof within a single maturity, shall be numbered from No. R-1 and shall bear interest from the date thereof or from the most recent interest payment date to which interest has been paid or duly provided for at the rates set forth in the WIFIA Loan Agreement, such interest to be payable semiannually on each June 1 and December 1, commencing December 1, 2021 (unless another date shall be set forth in the WIFIA Loan Agreement), and shall have such other details as shall be set forth in the WIFIA Loan Agreement and the Board of Liquidation Resolution. As required by Resolution R-077-2021 adopted by the Board on June 16, 2021, the Board specifies that the Series 2021 Bond shall bear interest at a rate not to exceed six percent (6.0%) per annum and shall mature not later than December 1, 2059, as shall be set forth in the WIFIA Loan Agreement. The Series 2021 Bond shall mature on June 1 in each of the years set forth in the WIFIA Loan Agreement.

(b) The Series 2021 Bond shall be issued as a Separate Series Debt Service Reserve Secured Bond.

(c) The Series 2021 Bond, equally with the Outstanding Parity Bonds, are equally and ratably secured by the Pledge of Net Revenues, as set forth in Section 4.02 of the General Bond Resolution.

(d) The Series 2021 Bond shall be in substantially the form attached hereto as **Exhibit A**.

(e) The principal and interest on the Series 2021 Bond shall be payable by check mailed to the registered Owners of the Series 2021 Bond (determined as of the Interest Payment Date) at the address shown on the registration books kept by the Paying Agent for such purpose, provided that payment of the final installment of principal on the Series 2021 Bond shall be made only upon presentation and surrender of the Series 2021 Bond to the Paying Agent.

SECTION 2.02. Term Sheet. The Board recognizes that the Series 2021 Bond will be sold to the EPA pursuant to the Term Sheet, which Term Sheet is hereby approved substantially in the form presented at this meeting, subject to such changes, additions and deletions as may be agreed by the Authorized Officers in their sole discretion, upon advice of Co-Bond Counsel and counsel to the Board. The Authorized Officers are hereby authorized and directed to execute the Term Sheet on behalf of and as the act of the Board.

SECTION 2.03. WIFIA Loan Agreement. The Board recognizes that the Series 2021 Bond will be subject to the terms of the WIFIA Act and the WIFIA Loan Agreement. The WIFIA Loan Agreement is hereby approved substantially in the form presented at this meeting, subject to such changes, additions and deletions as may be agreed by the Authorized Officers in their sole discretion, upon advice of Co-Bond Counsel and counsel to the Board. The Authorized Officers are hereby authorized and directed to execute the WIFIA Loan Agreement on behalf of and as the act of the Board. So long as the EPA owns any portion of the Series 2021 Bond, then to the extent that any provision of this resolution is inconsistent with or contrary to any provision of the WIFIA Loan Agreement, the applicable provision of the WIFIA Loan Agreement shall control.

SECTION 2.04. Form of Series 2021 Bond. The Series 2021 Bond shall be substantially in the form attached hereto as **Exhibit A**.

ARTICLE III
REDEMPTION FEATURES OF SERIES 2021 BONDS

SECTION 3.01. Optional Redemption. The principal of the Series 2021 Bond is subject to prepayment at the option of the Board at any time, in whole or in part, at a prepayment price of par plus accrued interest, to the prepayment date.

Official notice of such call of the Series 2021 Bond for prepayment shall be given by means of first class mail, postage prepaid, by notice deposited in the United States Mail not less than twenty (20) days prior to the prepayment date addressed to the Owner of such Series 2021 Bond to be prepaid at his address as shown on the registration books of the Paying Agent, which notice may be waived by any such Owner.

SECTION 3.02. Assignment, Transfer or Sale by the EPA. The Board hereby approves and consents to any assignment, transfer or sale of the WIFIA Loan Agreement and/or the Series 2021 Bond by the EPA pursuant to and in accordance with the terms of the WIFIA Loan Agreement.

SECTION 3.03. Assignment, Transfer or Sale by the Board. While the Series 2021 Bond is outstanding, none of the Board's rights or obligations under the WIFIA Loan Agreement nor any interest therein may be assigned or delegated without the prior written consent of the EPA.

ARTICLE IV
**APPLICATION OF PROCEEDS OF THE SERIES 2021 BOND;
CREATION OF SERIES DEBT SERVICE RESERVE ACCOUNT**

SECTION 4.01. Construction Fund. The Board shall cause the Board of Liquidation to deposit and set aside all of the proceeds of the Series 2021 Bond, which shall be paid in installments by the EPA in the manner set forth in the WIFIA Loan Agreement, in the Construction Fund. The funds in the Construction Fund shall be used solely for the purpose of paying Costs of the Project and Costs of Issuance in the manner set forth in the WIFIA Loan Agreement and pursuant to Article VI of the General Bond Resolution.

SECTION 4.02. Reserve Account. There is hereby established and shall be maintained with the Board of Liquidation the Series 2021 Bond Debt Service Reserve Account (the "Series 2021 Bond Reserve Account") in the Reserve Fund. The Series 2021 Bond Reserve Account shall be the Series Debt Service Reserve Account for the Series 2021 Bond. The Board shall make monthly deposits into the Series 2021 Bond Reserve Account in the priority established pursuant to Section 7.04 of the General Bond Resolution such that an amount equal to the 2021 Bond Debt Service Reserve Requirement is on deposit in the Series 2021 Bond Reserve Account within a period not exceeding five (5) years from the Delivery Date of the Series 2021 Bond, and thereafter there shall be maintained in the Series 2021 Bond Reserve Account an amount equal to the Series 2021 Bond Debt Service Reserve Requirement. The Series 2021 Bond Reserve Account shall be maintained for the benefit of the Owners from time-to-time of the Series 2021 Bond as set forth in Section 7.06 of the General Bond Resolution. The Series 2021 Bond is not a Common Debt Service Reserve Secured Bond; any Owner of the Series 2021 Bond is entitled solely to benefit from the Series 2021 Bond Reserve Account.

ARTICLE V
SALE OF SERIES 2021 BONDS

SECTION 5.01. Sale of Series 2021 Bond. The Series 2021 Bond is awarded to and sold to the EPA at a price of par pursuant to the Term Sheet and under the terms and conditions set forth in the WIFIA Loan Agreement, and after their execution the Series 2021 Bond shall be delivered to the EPA or its agents or assigns, upon receipt by the Board of the agreed first advance of the purchase price of the Series 2021

Bond. The Board has determined to sell the Series 2021 Bond at a private sale without necessity of publication of a notice of sale. It is understood that the purchase price of the Series 2021 Bond will be paid by the EPA to the Board in installments, in the manner and under the terms and conditions set forth in the WIFIA Loan Agreement.

SECTION 5.02 Authorized Officers. The Executive Director and the President and the President Pro-Tem of the Board, acting singly, be and each of them hereby is authorized and directed to execute and deliver any and all documents and instruments and to do and cause to be done any and all acts and things necessary or proper for carrying out the transactions contemplated by the General Bond Resolution and this Seventh Supplemental Resolution.

ARTICLE VI EXECUTION AND DELIVERY OF SERIES 2021 BONDS

SECTION 6.01. Execution/Delivery. The President of this Board is hereby authorized and the Mayor of the City and the President and Secretary of the Board of Liquidation are requested to sign in their official capacities and deliver the Series 2021 Bond in the form set forth in Exhibit A hereto, including any changes, additions and deletions thereto approved by Co-Bond Counsel and counsel to the Board, and to execute and deliver any and all additional proofs, instruments and certificates required by or provided for in the General Bond Resolution, this Seventh Supplemental Resolution, or the Series 2021 Bond, and perform such other acts as may otherwise be required to effectuate the financing herein provided for. The signatures authorized hereinabove as so executed shall be deemed conclusive evidence of the due exercise of the authority vested in such officers hereunder and shall be sufficient to create binding obligations of the Board.

ARTICLE VII MISCELLANEOUS PROVISIONS

SECTION 7.01. Davis-Bacon Wage Rate Requirements. The Board agrees to provide, and agrees to require the City to provide, that all laborers and mechanics employed by contractors and subcontractors on the Project shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality of the Board as determined by the Secretary of the United States Department of Labor ("DOL") in accordance with Subchapter IV of Chapter 31 of Title 40, United States Code, and as further described in Section 6.04 of the WIFIA Loan Agreement.

SECTION 7.02. Use of American Iron and Steel Products. In order to comply with Title IV, Division G of the Consolidated Appropriations Act, 2018 (Public Law 115-141) the Board agrees to provide, and agrees to require the City to provide, that all of the iron and steel, products used in the Project shall be produced in the United States, subject to the conditions set forth in the WIFIA Loan Agreement.

SECTION 7.03. Parties Interested Herein. Nothing in this Seventh Supplemental Resolution expressed or implied is intended or shall be construed to confer upon, or to give to, any person or corporation, other than the Board and any Owner of the Series 2021 Bond any right, remedy or claim under or by reason of this Seventh Supplemental Resolution or any covenant, condition or stipulation thereof; and all the covenants, stipulations, promises and agreements in this Seventh Supplemental Resolution contained by and on behalf of the Board shall be for the sole and exclusive benefit of the Board and the Owners from time-to-time of the Series 2021 Bond.

SECTION 7.04. Effect of Partial Invalidity. In case any one or more of the provisions of the General Bond Resolution or this Seventh Supplemental Resolution shall for any reason be held to be illegal or invalid, such illegality or invalidity shall not affect other provisions of the General Bond Resolution or

this Seventh Supplemental Resolution, but the General Bond Resolution and this Seventh Supplemental Resolution shall be construed and enforced as if such illegal or invalid provisions had not been contained therein.

SECTION 7.05. Effect of Covenants. All covenants, stipulations, obligations and agreements of the Board contained in this Seventh Supplemental Resolution shall be deemed to be covenants, stipulations, obligations and agreements of the Board to the full extent permitted by the Constitution and laws of the State of Louisiana.

SECTION 7.06. Disclosure Under S.E.C. Rule 15c2-12. The Board hereby acknowledges and agrees that even though the Series 2021 Bond is initially exempt from the continuing disclosure requirements of Rule 15c2-12(b)(5) of the Securities and Exchange Commission (the "Rule") pursuant to section (d)(1) and/or other exemptions to the Rule, in the event the EPA should transfer the Series 2021 Bond or the Series 2021 Bond become a source of repayment of "municipal securities" sold through a "primary offering" (as both terms are defined and used in the Rule), it is possible that the Board could constitute an "obligated person" as defined and used in the Rule. In that case, the Board agrees to comply with the continuing disclosure requirements of the Rule upon notification by the EPA of the Board's obligation to do so.

SECTION 7.07. Conflicts. All resolutions and orders or parts thereof in conflict herewith as they are applicable to the Series 2021 Bond, to the extent of such conflict and only with respect to their applicability to the Series 2021 Bond, shall be superseded by the applicable provisions of this Seventh Supplemental Resolution.

SECTION 7.08. Publication. A copy of this Seventh Supplemental Resolution shall be published as soon as practicable after its adoption in one issue of the official journal of the City, and it shall not be necessary to publish the exhibits hereto if the exhibits are made available for public inspection at reasonable times and that fact is stated in the publication. For a period of thirty (30) days from the date of publication, any person in interest may contest the legality of this Seventh Supplemental Resolution and of any provision hereof made for the security and payment of the Series 2021 Bond. After the expiration of said thirty (30) days, no one shall have any cause or right of action to test the regularity, formality, legality or effectiveness of this Seventh Supplemental Resolution and the provisions hereof or of the Series 2021 Bond for any cause whatsoever. If no suit, action, or proceeding is begun contesting the validity of the Series 2021 Bond within the thirty days, the authority to issue the bonds and to provide for the payment thereof, and the legality thereof and of all of this Seventh Supplemental Resolution shall be conclusively presumed, and no court shall thereafter have authority to inquire into such matters.

SECTION 7.09. Maintenance of Funds and Accounts. The Board acknowledges that it will maintain with the fiscal agent banks and under the custody of the Board of Liquidation so long as the Series 2021 Bond is outstanding the Funds and Accounts provided for in Section 7.03 of the General Bond Resolution.

SECTION 7.10. Cooperation with EPA. At any time the EPA owns any of the Series 2021 Bond, the Board will cooperate with the EPA in the observance and performance of the respective duties, covenants, obligations and agreements of the Board and the EPA under the WIFIA Loan Agreement.

SECTION 7.11. Effective Date. This Seventh Supplemental Resolution shall become effective immediately.

This resolution having been submitted to a vote, the vote thereon was as follows:

<u>Member</u>	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstaining</u>
Jay H. Banks	_____	_____	_____	_____
Robin Barnes	_____	_____	_____	_____
Tamika Duplessis, Ph. D.	_____	_____	_____	_____
Alejandra Guzman	_____	_____	_____	_____
Janet Howard	_____	_____	_____	_____
Ralph Johnson	_____	_____	_____	_____
Joseph Peychaud	_____	_____	_____	_____
Lynes R. "Poco" Sloss	_____	_____	_____	_____
Maurice G. Sholas	_____	_____	_____	_____
Mayor LaToya Cantrell	_____	_____	_____	_____

And the resolution was declared adopted on this 20th day of October, 2021.

**EXHIBIT A
TO SEVENTH SUPPLEMENTAL RESOLUTION**

FORM OF BOND

[TO COME]

STATE OF LOUISIANA

PARISH OF ORLEANS

I, the undersigned Executive Director of the Sewerage and Water Board of New Orleans (the "Board"), do hereby certify that the foregoing pages constitute a true and correct copy of a Seventh Supplemental Resolution adopted on October 20, 2021, authorizing the issuance of Sewerage Service Revenue Bond (WIFIA Projects), Series 2021, of the City of New Orleans, Louisiana, in the maximum principal amount of Two Hundred Seventy-Five Million Dollars (\$275,000,000) in accordance with the terms of the General Sewerage Service Revenue Bond Resolution; authorizing the execution of a WIFIA Loan Agreement; and providing for other matters relating to the foregoing.

IN FAITH WHEREOF, witness my official signature, on this, the 20th day of October, 2021.

Executive Director of the Sewerage
and Water Board of New Orleans

RESOLUTION TO APPROVE LIST OF LAW FIRMS TO PROVIDE PROFESSIONAL LEGAL SERVICES

WHEREAS, on December 23, 2020 and December 30, 2020, the Sewerage and Water Board (the “Board”) advertised a Request for Qualifications (“RFQ”) for law firms to provide professional legal services; and

WHEREAS, in response to the RFQ, the Board received twenty-two (22) law firm proposals by the January 26, 2021 due date; and

WHEREAS, on June 30, 2021, the Selection Evaluation Committee held an open meeting to review and evaluate the twenty-two (22) law firm qualifications and twenty-two (22) law firms were deemed qualified in their proposed specific area of interests.

NOW THEREFORE, BE IT RESOLVED, that the Sewerage and Water Board of New Orleans hereby authorizes Special Counsel, on behalf of the Board to retain any of the below referenced qualified law firms as listed above as legal matters arise and are identified which in her opinion require their expertise:

- Beveridge & Diamond, PC
- Breazeale Sachse & Wilson, LLP
- Brettner Cvitanovic
- Boykin & Utley
- Broussard Baloney
- Christovich & Kearney
- Davillier Law Group
- DeRouen Law Firm
- Gordon Arata
- Kaplan Fox
- McGlinchey Stafford
- McKenna Narcisse
- Mouldoux Bland
- Ogletree Deakins
- Phelps Dunbar
- Roedel Parsons
- Stone Pigman

- The Kullman Firm
- The Law Office of Bernard Charbonnet
- Transcendent Law Group
- Weiler & Rees

BE IT FURTHER RESOLVED, that pursuant to the Board's Professional Service Policy No. 95 the Executive Director, President or President Pro-Tem are hereby authorized to execute, on behalf of the Sewerage and Water Board of New Orleans, agreements with the qualified law firms.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans, do hereby
certify that the above and foregoing is a true and
correct copy of a resolution adopted at the Regular
Monthly Meeting of said Board, duly called and held,
according to law, on October 20, 2021.

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

**GENERAL SUPERINTENDENT RECOMMENDATIONS
FOR THE OCTOBER 8, 2021
FINANCE AND ADMINISTRATION COMMITTEE MEETING**

A listing of the bids, change orders, amendments and final acceptances received during the month of June is included in the following report. A brief summary is attached for your review.

CONTRACT AWARDS/RENEWALS (4)

- | | |
|--------------------|--|
| Page 4 R-080-2021 | Award of Contract 2150 – Leonidas Street (S. Claiborne Ave – Fig St) and Fig Street (Leonidas st – College Ct) 43” Watermain Replacement – TM006 – FEMA Project Worksheet 21031 to Wallace C. Drennan, LLC |
| Page 7 R-081-2021 | Authorization for Professional Services Agreement with Pure Technologies U.S. Inc dba Wachs Water Services for On-Call Water Valve Operation Services – Solicitation # SWB-2021-07 |
| Page 10 R-095-2021 | Award of Contract for Professional Engineering, Construction Administration, and Inspection Services with POWER Engineers, Inc. for West Power Complex Group 3 Projects |
| Page 21 R-102-2021 | First Renewal of Contract YG20-0049 with Lard Oil for Furnishing and Delivering Gasoline and Diesel Fuel |

CONTRACT CHANGE ORDERS (7)

- | | |
|--------------------|--|
| Page 25 R-094-2021 | Ratification of Change Order No. 3 and Final Acceptance Between the Sewerage and Water Board of New Orleans and Max foot Construction Company, Inc. for Contract 1404 – Algiers Water Purification Plant Improvements |
| Page 31 R-088-2021 | Ratification of Change Order No. 4 Between the Sewerage and Water Board of New Orleans and M. R. Pittman Group, LLC. for Contract 1377 – Water Hammer Hazard Mitigation Program Claiborne Ave Pumping Station and Off-Site Improvements |
| Page 35 R-089-2021 | Ratification of Change Order No. 5 Between the Sewerage and Water Board of New Orleans and Cycle Construction Company, LLC. for Contract 30109 – Sewer Pumping Station A Structural Rehabilitation |
| Page 38 R-084-2021 | Ratification of Change Order No. 4 Between the Sewerage and Water Board of New Orleans and Cycle Construction Company, LLC. For Contract 1403 – Demolition of Abandoned C7 and C8 Basins and Other site Improvements at the Carrollton Water Plant |

- Page 42 R-096-2021 Change Order No. 2 Between the Sewerage and Water Board of New Orleans and Wallace C. Drennan, Inc. For Contract 30218 – Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites Throughout Orleans Parish
- Page 45 R-105-2021 Change Order No. 1 Between the Sewerage and Water Board of New Orleans and Wallace C. Drennan, Inc. For Contract 30217 – Cleaning and CCTV Inspection of Sanitary Sewer Mains at Scattered Sites within Orleans Parish
- Page 48 R-106-2021 Change Order No. 1 Between the the Sewerage and Water Board of New Orleans and Wallace C. Drennan, Inc. For Contract 30219 – Restoration of Gravity Flow Sanitary Sewer Mains by Excavation and Replacement From Manhole to Manhole, CIPP Lining From Manhole to Manhole, CIPP Lining of Service Laterals and Point Repairs at Various Sites Throughout The City of New Orleans

CONTRACT AMENDMENTS (4)

- Page 52 R-082-2021 Authorization of Amendment No. 10 to the Agreement Between the Sewerage and Water Board of New Orleans and CH2M Hill Engineers, Inc for Program Management, Design and Engineering Services for the Retrofit Power Plant Hazard Mitigation Grant Project
- Page 57 R-090-2021 Authorization of Contract Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and G.E.C., Inc for Design and Engineering Services for the Waterline Replacement Program
- Page 61 R-093-2021 Authorization of Contract Amendment No. 6 to the Agreement Between the Sewerage and Water Board of New Orleans and Mott MacDonald, LLC for Design and Engineering Services for the Waterline Replacement Program
- Page 65 R-101-2021 Authorization of Contract Amendment No. 3 to the Agreement Between the Sewerage and Water Board of New Orleans and Integrated Logistical Support, Inc. for Design and Engineering Services for the Waterline Replacement Program

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

CONTRACT AWARDS/RENEWALS

CONTRACT 2150 – LEONIDAS STREET (S. CLAIBORNE AVE – FIG ST) and FIG STREET (LEONIDAS ST – COLLEGE CT) 43” WATERMAIN REPLACEMENT – TM006 - FEMA PROJECT WORKSHEET 21031 THE SETTLEMENT FUNDING

WHEREAS, the Sewerage and Water Board of New Orleans (Board) received two (2) responsive bids for Contract 2150 Leonidas Street (S. Claiborne Ave – Fig St) and Fig Street (Leonidas St – College Ct), 43” Watermain Replacement Program - TM006 on August 5, 2021; and,

WHEREAS, the bid submitted by Wallace C. Drennan, Inc. with the total sum of \$15,866,180.80 was the lowest responsive bid; and

WHEREAS, the Governor’s Office Homeland Security & Emergency Preparedness (GOHSEP) will reimburse the Board based on our Settlement Agreement with FEMA, Project Worksheet 21031; and

WHEREAS, Wallace C. Drennan, Inc. submitted Choice Supply Solutions. (eligible certified SLDBE) to supply valves, pipes, pipe fittings, and other materials; \$840,907.58 – 5.30%, and

WHEREAS, the Economically Disadvantaged Business Program recommends the bid submitted by Wallace C. Drennan, Inc. be considered as responsive to meeting the Board’s bid requirements;

NOW, THEREFORE BE IT RESOLVED, that the lowest responsive bid is hereby accepted, and Contract 2150 is awarded to **Wallace C. Drennan, Inc.** in the amount of **\$15,866,180.80**.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of the said Board,
duly called and held, according to law, on
October 20, 2021.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: August 18, 2021

To: Ron Spooner, P.E., General Superintendent

From: Mark Van Hala, P.E., JIRR Program Administrator

Re: **Bid Recommendation – Contract 2150 Leonidas Street (S. Claiborne Ave – Fig St) and Fig Street (Leonidas St – College Ct), 43" Watermain Replacement Program - TM006**

Two bid proposals were received on August 5, 2021 for Contract 2150 Leonidas Street (S. Claiborne Ave – Fig St) and Fig Street (Leonidas St – College Ct), 43" Watermain Replacement Program - TM006. The two (2) bidders' are as follows and the tabulations of the bids are attached.

- | | |
|---------------------------|-----------------|
| 1. BLD Services, LLC | \$19,718,651.00 |
| 2. Wallace C Drennan, Inc | \$15,866,180.80 |

The lowest bidder, Wallace C Drennan, Inc, submitted a DBE participation of 5.30%. The minimum participation goal for this project is 5.0%. The Economically Disadvantaged Business Program (EDBP) recommends the bid submitted by Wallace C. Drennan, Inc. be considered as responsive to meeting the Board's Program bid requirements. EDBP's analysis is attached.

Wallace C Drennan, Inc. bid proposal of \$15,866,180.00 is 123% above the Engineer's Estimate of \$12,895,874.00 for this project. We find Wallace C Drennan, Inc. bid fair and reasonable based on:

1. Linfield, Hunter, and Junius, Inc., The engineer of record (EOR) bid recommendation, see attached.
2. Staff's Bid Analysis, the two big items being
 - a. 50%+ Increase in Petroleum Materials and Shipping, and
 - b. 15%+ Increase in Swagelining Materials
3. Two Competitive Bids Received,

Funding for the construction of this project:

- | | |
|--------------------|--|
| 1. \$12,756,040.00 | FEMA's Project Worksheets (PW) 21031 & 21032 |
| 2. \$ 27,417.50 | FEMA's ESSA program PW 21031 |
| 3. \$ 1,832,172.80 | Board's Sewer SSERP & WIFIA Programs |
| 4. \$ 1,250,550.50 | FEMA's PW 21032 (City's Settlement) |

Attached documents include R-080-2021 - Proposed Board Resolution, DBE certification, and Bid Recommendation & Bid Tab from the EOR.

Wallace C Drennan, Inc is the lowest responsible bidder in the amount of \$15,866,180.00 and is recommended for acceptance.

Yours in service,

Mark D Van Hala, PE

Digitally signed by Mark D Van Hala, PE
DN: cn=Mark D Van Hala, PE, o=GSO, ou=JIRR,
email=mvanhala@swbno.org, c=US
Date: 2021.08.18 16:52:25 -05'00'

Mark D, Van Hala, P.E.
JIRR Program Administrator

Cc: E. Grey Lewis, Chief Financial Officer
Monique Rainey, PDU, Department
Jovan Walker, DPU, Department
Zandra Guesnon, GSO Administration
Julia Thomas, GSO Administration
Cash K Moses, Purchasing Director
Irma Plummer, EDBP Department
Alvin Porter, EDBP Department
Dexter Joseph, Budget Department
Edward Morris, Deputy Special Counsel
Steven. Giang, P.E., Networks Engineering Department
Kevin Johnson, JIRR Department
Norman Rockwell, P.E., JIRR Department
Khalid L. Saleh, Ph.D., JIRR City of New Orleans

Attachments:

1. R-080-2021.- Proposed Board Resolution,
2. DBE certification, and
3. Bid Recommendation & Bid Tab

**AUTHORIZATION FOR PROFESSIONAL SERVICES AGREEMENT WITH
PURE TECHNOLOGIES U.S. INC. DBA WACHS WATER SERVICES FOR ON-
CALL WATER VALVE OPERATION SERVICES**

WHEREAS, on June 16, 2021 the Sewerage and Water Board of New Orleans published notice of a Request for Proposal (the “RFP”) Solicitation # SWB-2021-07 On-Call Water Valve Operation Services; and

WHEREAS, on July 19, 2021, the Board received one (1) proposal in response to the RFP, and that was from Pure Technologies U.S. Inc. dba Wachs Water Services (the “Pure Technologies Proposal) including a proposed cost of \$1,594,203.00; and

WHEREAS, on August 5, 2021 the selection evaluation committee met to evaluate proposals received in response to Solicitation # SWB-2021-07, and scored the Pure Technologies Proposal a score of 92 of 100 possible points; and

WHEREAS, the Economically Disadvantaged Business Program scored the Pure Technologies Proposal 10 out of 10 for its proposed 35% DBE participation goal; and

WHEREAS, on August 6, 2021 the Purchasing Director issued a Notice of Recommendation to Award the agreement to provide on-call water valve operation services to Pure Technologies U.S. Inc. dba Wachs Water Services;

NOW, THEREFORE BE IT RESOLVED, that the President or President Pro Tem of the Board be and is hereby authorized to execute an agreement with Pure Technologies U.S. Inc. dba Wachs Water Services to provide on-call valve operation services in the amount of \$1,594,203.00 with an initial term of one (1) year with up to two extensions, and a DBE goal of 35%.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of the said Board,
duly called and held, according to law, on
October 20, 2021.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: August 18, 2021

To: Ron Spooner, P.E., General Superintendent

From: Mark Van Hala, P.E., JIRR Program Administrator

Re: **Bid Recommendation – Contract 2153 – On-Call Water Valve Operation Services – Solicitation #SWB-2021-06**

One proposal was received on July 19, 2021 for Contract 2153 – On-Call Water Valve Operation Services – Solicitation #SWB-2021-06. Pure Technologies U.S. Inc. dba Wachs Water Services submitted a proposal and a cost proposal in the amount of \$1,594,203.00.

Four Firms attended the mandatory pre-proposal meeting of June 25, 2021. Non-Board Attendees to this meeting included:

Zach Raley, President/Owner, Utiliserve, LLC, 318-564-6705,

raleyz@utiliservepro.com

Andrew Apgar, Business Development Manager, Hydromax USA, 863-398-9202,

andrew.apgar@hydromaxusa.com

Stephen Jeffus, Business Development Manager, Xylem dba Pure Technologies,

214-240-4412, stephen.jeffus@xylem.com

Lane Hughes, Project Manager, Xylem dba Pure Technologies, 512-418-6705

lane.hughes@xylem.com

Dave Kurtz, P.E. Xylem dba Pure Technologies, 214-558-9902

dave.kurtz@xylem.com

Wayne Pratt, Client Service Manager, Xylem dba Pure Technologies

847-946-5907, wayne.pratt@xylem.com

Pure Technologies U.S. Inc. dba Wachs Water Services proposal in the amount of \$1,594,203.00 is 9.5% below the Engineer's Estimate of \$1,762,020,200 for this project.

The Economically Disadvantaged Business Program scored Pure Technologies U.S. Inc. dba Wachs Water Services' DBE participation with 10 out of 10 as part of the selection committee on August 5, 2021.

Staff's selection committee scored Pure Technologies U.S. Inc. dba Wachs Water Services' DBE 92 out of 100 on August 5, 2021.

The Purchasing Director issued a Notice of Recommendation to Award to Pure Technologies U.S. Inc. dba Wachs Water Services, with a score of 92 out of 100, on August 6, 2021.

The Governor's Office Homeland Security & Emergency Preparedness (GOHSEP) will reimburse the Board based on our Settlement Agreement with FEMA, through Project Worksheet 21031.

Yours in service,

Mark D Van Hala, PE

Digitally signed by Mark D Van Hala, PE
DN: cn=Mark D Van Hala, PE, o=GSO, ou=JIRR,
email=mvanhala@swbno.org, c=US
Date: 2021.08.18 18:38:38 -05'00'

Mark D, Van Hala, P.E.,
JIRR Program Administrator

Cc: E. Grey Lewis, Chief Financial Officer
Fred Tharp, PE, Chief, Networks
Monique Rainey, PDU Department
Jovan Walker, DPU Department
Zandra Guesnon, GSO Administration
Julia Thomas, GSO Administration
Cash K Moses, Purchasing Director
Irma Plummer, EDBP Department
Dexter Joseph, Budget Department
Edward Morris, Deputy Special Counsel
Mary E. Arceneaux, Attorney IV
Steven Bass, P.E., Engineering Division Manager, Networks
Steven. Giang, P.E., Networks Engineering Department
Kevin Johnson, JIRR Department
David Shulman, CCM, JIRR Department
Randall Schexnayder, P.E., JIRR Department

Attachments:

Contract 2153 – On-Call Water Valve Operation Services RFP
Addendum 1 - 2021-SWB-07 - RFP-On-Call Water Valve Operation Services
Pure Technologies U.S. Inc. dba Wachs Water Services Proposal
Pure Technologies U.S. Inc. dba Wachs Water Services Cost Proposal 07-19-21
Notice of Recommendation - Purchasing Director
Proposed Board Resolution R-081-2021

**AUTHORIZATION FOR AWARD FOR PROFESSIONAL ENGINEERING,
CONSTRUCTION ADMINISTRATION, AND INSPECTION SERVICES WITH
POWER ENGINEERS, INC.**

WHEREAS, the Sewerage and Water Board of New Orleans (“Board”) is undertaking multiple engineering and construction projects to build a new power generation facility (the “West Power Complex”) at the Carrollton Water Plant (the “CWP”) as part of plans to modernize the Board’s power infrastructure; and

WHEREAS, design contracts are already in place for several of the project components, but it was known that additional components, referred to collectively as the “Group 3 Projects” are needed to achieve the desired objectives of fully integrating with a future, dedicated substation owned and operated by Entergy; and

WHEREAS, on May 5, 2021, the Board advertised a Request for Proposals (“RFP”) for Professional Engineering, Construction Administration, and Inspection Services for the West Power Complex at the Carrollton Water Plant (Exhibit “A”); and

WHEREAS, the Board received four (4) proposals in response to the RFP, including that of POWER Engineers, Inc., submitted on June 10, 2021, and after evaluation of all proposals, including that of POWER Engineers, the Selection Evaluation Committee on July 13, 2021, recommended that SWBNO enter into an agreement with POWER Engineers, Inc. to provide the desired services beginning with an initial task order to include work planning activities and preliminary design of critical project components;

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of the Sewerage and Water Board of New Orleans hereby accepts the staff recommendation of POWER Engineers, Inc., to provide professional engineering, construction administration, and inspection services for the West Power Complex at the Carrollton Water Plant; and

BE IT FURTHER RESOLVED, that staff is hereby authorized to negotiate cost of the contract in an amount not to exceed the project budget estimate of \$9.4M over 3 years; and

BE IT FURTHER RESOLVED, that the President or President Pro Tem of the Board be and is hereby authorized to execute an agreement with POWER Engineers, Inc., for professional engineering, construction administration, and inspection services for West Power Complex Group 3 Projects, for an initial term of three (3) years with up to five (5) successive one-year extensions with fees not to exceed \$9.4M over the initial term, and with a DBE goal of thirty-five (35%) percent.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

October 5, 2021

Ms. Kaitlin Tymrak
Sewerage and Water Board of New Orleans
625 Saint Joseph Street
New Orleans, LA 70165

Subject: Engineering Proposal for Initial Planning and Coordination for the West Power Complex at the Carrollton Water Plant, **Revision 1.**

Dear Kaitlin:

POWER's proposal for Group 3, Task 1 – Initial Planning and Coordination for the West Power Complex at the Carrollton Water Plant is included herein. Task 1 is the first of several planned tasks associated with Group 3 elements and associated engineering services. Group 1, Group 2, and Group 3 elements are outlined in the Sewerage and Water Board's RFQ Statement of Work.

This proposal includes the following attachments:

- Budget Breakdown
- Summary of Hours
- 2020 Audit Report – POWER Engineers
- FAR Rate – POWER Engineers
- Schedule of Charges – Sewerage and Water Board 2021

The goals of Group 3, Task 1 includes the production of a Master Work Plan incorporating the following:

- Project Approach/Work Plan/Quality Plan to accomplish activities in schedule allotted, including items needed from Owner.
- Proposed design and construction sequence to meet schedule
- Integrated schedule incorporating existing projects (high level, not at WBS level yet)
- Preliminary cost estimates of project elements (level of detail that is reasonable at this point of the design)
- Identification of permitting considerations or coordination required with outside agencies

In addition to the Master Work Plan, POWER recommends proceeding with preliminary engineering as part of Task 1 to facilitate meeting the overall project schedule. Preliminary engineering is an industry standard first step for design firms to develop concepts with the Owner and get approvals prior to proceeding with detailed design. The overall schedule will depend on timely design as well as timely equipment deliveries and construction. Site plan coordination and layout, conceptual Operations Center layout, and schematic electrical systems and controls systems are considered primary activities that affect multiple project participants and are key to a more accurate project schedule and project cost estimate. POWER recommends time be included for preliminary engineering in Task 1.

SCOPE OF WORK

POWER's scope of work for Task 1 will be supported by a multi-discipline staff along with POWER's key subconsultants. The following high-level outline describes the engineering activities to be performed by each discipline and subconsultant. Additional subcontractors may be needed in Task 1 and are listed as though they are included. Deliverables are described later in the proposal.

POWER ENGINEERS

Project Management/Project Management Assistants

- Contracting with Owner for Task 1
- Project setup – Project Procedure Manual; Invoicing procedures; CAD standards; documentation standards
- Subcontract preparation and award – subconsultants and subcontractors
- Document control
- Work Plan
- Quality Plan
- Monthly reporting
- Coordination
 - Participate in coordination meetings (virtual)
 - Attend monthly PM meetings (on-site)
 - Coordinate with Jacobs (schedule information)
 - Coordinate with Entergy (schedule information)
- Subcontract Administration - commercial
- Budget and Scope for next Task(s)

Project Engineer

- Work Plan support
- Coordination
 - Participate in coordination meetings (virtual)
 - Owner
 - Subconsultants
 - Subcontractors
 - Inter-discipline coordination (internal to POWER)
 - Attend monthly PM meetings (on-site)
 - Coordinate with Jacobs (technical coordination)
 - Coordinate with Entergy (technical coordination)

Support Services

- Scheduling
- Coordinate with POWER's PM and Project Engineer
- Cost estimating
- Project controls – monthly report support; earned value status

Civil

- Review existing design information (Jacobs, Entergy, Volkert C7/C8)

- Review existing site drawings and familiarize
- Survey specification (scope of work)
- Subsurface utility engineering specification (scope of work)
- Work Plan Support
- Design Basis
- Preliminary Group 3 design (for purposes of design coordination with Groups 1 & 2, cost estimating, and scheduling)
- Cost estimate support
- Schedule support
- Coordination
 - Participate in coordination meetings with Owner (virtual)
 - Coordinate with Owner design preferences
 - Technical oversight of civil subconsultant - Volkert
 - Coordinate discipline design interfaces with Jacobs
 - Coordinate discipline design interfaces with Entergy

Structural

- Review existing design information (Jacobs, Entergy, Volkert C7/C8)
- Review existing site drawings and familiarize
- Geotechnical specification (scope of work), if needed
- Work Plan Support
- Design Basis
- Preliminary Group 3 design (for purposes of design coordination with Groups 1 & 2, cost estimating, and scheduling)
- Cost estimate support
- Schedule support
- Coordination
 - Participate in coordination meetings (virtual)
 - Coordinate with Owner design preferences
 - Technical oversight of structural subconsultant - Volkert
 - Coordinate discipline design interfaces with Jacobs
 - Coordinate discipline design interfaces with Entergy

Architectural

- Design Basis
- Preliminary Group 3 design (for purposes of design coordination with Groups 1 & 2, cost estimating, and scheduling)
- Work Plan Support
- Cost estimate support
- Schedule support
- Coordination
 - Participate in coordination meetings (virtual)
 - Coordinate with Owner design preferences
 - Coordinate with local codes and building officials – potential permitting needs
 - Technical oversight of architectural & MEP subconsultant – WDG

Mechanical

- Review existing design information (Jacobs, Entergy)
- Review existing site drawings and familiarize
- Work Plan Support
- Design Basis
- Preliminary Group 3 design (for purposes of design coordination with Groups 1 & 2, cost estimating, and scheduling)
- Cost estimate support
- Schedule support
- Coordination
 - Participate in coordination meetings (virtual)
 - Coordinate with Owner design preferences
 - Technical oversight of mechanical subconsultant – Infinity Engineering
 - Coordinate discipline design interfaces with Jacobs
 - Coordinate discipline design interfaces with Entergy

Electrical

- Review existing design information (Jacobs, Entergy)
- Review existing site drawings and familiarize
- Work Plan Support
- Design Basis
- Preliminary Group 3 design (for purposes of design coordination with Groups 1 & 2, cost estimating, and scheduling)
- Cost estimate support
- Schedule support
- Coordination
 - Participate in coordination meetings (virtual)
 - Coordinate with Owner design preferences
 - Technical oversight of electrical subconsultant – Infinity Engineering
 - Coordinate discipline design interfaces with Jacobs
 - Coordinate discipline design interfaces with Entergy

I&C (Controls)

- Review existing design information (Jacobs, Entergy)
- Review existing site drawings and familiarize
- Work Plan Support
- Design Basis
- Preliminary Group 3 design (for purposes of design coordination with Groups 1 & 2, cost estimating, and scheduling)
- Cost estimate support
- Schedule support
- Coordination
 - Participate in coordination meetings (virtual)
 - Coordinate with Owner design preferences
 - Coordinate discipline design interfaces with Jacobs
 - Coordinate discipline design interfaces with Entergy

Environmental

- Coordination
 - Coordinate with Owner's permitting firm(s), if needed
 - Participate in coordination meetings (virtual) for purposes of identifying additional environmental regulatory requirements and permits required
- Identify new applicable environmental requirements, if any
- Identify additional permits required, if any
- Permitting matrix and schedule

SUBCONSULTANTS

- Volkert
 - Contracting (POWER subcontract)
 - Project Setup
 - Work Plan Support
 - Preliminary Group 3 design (for purposes of design coordination with Groups 1 & 2, cost estimating, and scheduling)
 - Cost Estimate Support
 - Schedule Support
 - Coordination
 - Participate in coordination meetings (virtual)
 - Attend monthly PM meetings
 - Reporting
 - CMAR Coordination and Support
- WDG
 - Contracting (POWER subcontract)
 - Project Setup
 - Work Plan Support
 - Preliminary Group 3 design (for purposes of design coordination with Groups 1 & 2, cost estimating, and scheduling)
 - Cost Estimate Support
 - Schedule Support
 - Coordination
 - Participate in coordination meetings (virtual)
 - Reporting
- Infinity
 - Contracting (POWER subcontract)
 - Project Setup
 - Work Plan Support
 - Preliminary Group 3 design (for purposes of design coordination with Groups 1 & 2, cost estimating, and scheduling)
 - Cost Estimate Support
 - Schedule Support
 - Coordination
 - Participate in coordination meetings (virtual)
 - Reporting

SUBCONTRACTORS

- Partial Boundary and Topographic survey
- Subsurface Utility Engineering (potholing expected)
- Additional geotechnical report information, if required

TASK 1 DELIVERABLES

By POWER

- Cost Estimate
- Schedule
- Permit Matrix and Schedule – Environmental and Non-environmental
- Master Work Plan
 - Approach / Work Plan / Quality Plan
 - Integrated Schedule – Including Milestones from Groups 1 & 2
 - Cost Estimate (Group 3) including back up data
- Design basis document
 - Establish Permitting Authority, applicable standards
 - Redundancy and reliability requirements
 - Civil - design storm conditions, rainfall
 - Structural - design conditions, wind speed, seismic, structural factors, top of concrete,
 - Architectural – headcount for Operations Center, fire protection basis,
 - Mechanical - design conditions, temperature extremes, humidity,
 - Fire Protection – insurance requirements, standard recommendations, design basis,
 - Electrical design conditions – temperature rating, arc flash design conditions,
- Preliminary design drawings:
 - Simplified One-Line – 24-kV, 13.8-kV, 6.6-kV, 480-V (all generators)
 - Simplified One-Line - Demolition
 - Metering and Protection One-line – Medium Voltage – 60 Hz
 - Metering and Protection One-Line – Medium Voltage – 25 Hz
 - Communications Architecture
 - P&ID – Fuel Oil
 - P&ID – Potable Water
 - P&ID – Fire Water
 - P&ID – Sanitary
 - P&ID – Natural Gas (future CTG)
 - P&ID – Demin Water (future CTG)
 - P&ID – Wastewater (future CTG)
 - P&ID – Reagent (future CTG)
 - Site Plan - Major Equipment General Arrangement – coordinated with Groups 1 & 2
 - Control Room and Electrical Equipment Room Layout – Operations Center
- Quantities (for purposes of cost estimate)
 - Structural
 - Mechanical
 - Electrical
 - Civil
- Monthly Reports

- Work completed last month
- Work to be performed next month
- Schedule analysis
- Financial
- Concerns

By Volkert

- Civil Site Plan – coordinated with POWER’s Site Plan and Entergy Site Plan
- Layout for access roadways with adequate turning radius for construction/ maintenance
- Coordination of and inclusion of utilities required for safe house.
- Grading and Drainage Plan based upon site plan and access roadways
- Supporting Documentation
 - Design Basis
 - Master Work Plan
 - Schedule
 - Cost Estimate
- Coordination and Consultation on CMAR process and early works packages
 - Development of scope components and schedule.
 - Scoring sensitivity review/ recommendation
 - Develop cost model for coordination with CMAR contractor
 - Advise and review as needed to ensure smoothness of process.
 - Cost estimating with HCCS for the beginnings of an independent review.

By WDG

- Programming and headcount for the Operations Center
- 3D renderings of the Operations Center (2 included)
- Supporting Documentation
 - Design Basis
 - Master Work Plan
 - Schedule
 - Cost Estimate
- Drawings
 - Site Plan – focused on items directly adjacent to the Operations Center such as sidewalks, ramps, equipment pads, and surface parking.
 - Floor Plans
 - Control Room layout
 - Roof Plans
 - Elevations
 - Wall and Building Sections
 - Details
 - Schematic Mechanical, Electrical and Plumbing plans
- Narratives
 - Building Code - Documentation of local/regional codes, restrictions, and guidelines applicable to the construction of the Operations Center Building.
 - Mechanical Engineering – Building Systems
 - Electrical Engineering – Building Systems

- Plumbing Engineering – Building Systems
- Architectural finishes / materials – Building Systems

By Infinity

- Routing of mechanical fuel oil from CTG area to diesel fuel tanks
- Routing of mechanical/electrical utilities from Operations Center to tie-in locations.
- Supporting Documentation
 - Master Work Plan
 - Schedule
 - Cost Estimate

By Subcontractors

- Partial Boundary and Topographic Survey
- Additional geotechnical information
- Underground utility survey

CLARIFICATIONS

1. The preliminary cost estimate is planned to only include Group 3 work, elements 1-6 as outlined in SWB's RFQ will be the base estimate. An optional estimate including Elements 7-8 (two CTG's plus two SFC's) will also be provided.
2. The conceptual cost estimate planned during Task 1 will be Class V or Class IV, depending on level of preliminary engineering performed in Task 1. The level of preliminary engineering proposed will lead to a Class IV estimate being developed and delivered.
3. A high-level preliminary project schedule is planned to be provided. The schedule will not include WBS level of breakdown at time. The schedule will be integrated to incorporate schedule input from Group 1 and Group 2 participants. Reasonable efforts to collect data from Group 1 and Group 2 planners is included. The integrated schedule will only include milestones from Group 1 and Group 2 and will not include detailed WBS level of breakdown.
4. The fee estimate for the Operations Center building is based on an anticipated 15,000 sf building with an approximate \$8,000,000 total construction cost. The anticipated operations building will consist of a main control room, offices, conference room, breakroom, IT/IS spaces, switchgear/electrical equipment room, and miscellaneous support spaces. The building will be designed to facilitate key personnel occupancy during severe weather events. The final building square footage and program will be developed during Task 1.
5. Landscaping design services are not included.
6. Owner's engineering services to onboard CMAR contractor are included by Volkert, but not included by POWER or POWER's other subconsultants as part of Task 1.
7. POWER's proposal estimate for Task 1 is based on all of the work being performed within a schedule of approximately four months after notice to proceed.
8. Attendance at on-site monthly PM meetings is included for POWER's project manager, POWER's project engineer, and representatives of Volkert. Attendance at four meetings is included.
9. Weekly virtual coordination meetings with the Owner are anticipated and included.

BUDGET AND ESTIMATED HOURS

The following summary table breaks down the total estimated hours and fees for POWER's team and a few additional subcontracts requested by the Owner. A greater level of detail is provided in the attachments.

Initial Planning and Coordination for the West Power Complex at the Carrollton Water Plant TASK 1 BUDGET AND ESTIMATED HOURS					
	Approx. Hours	Est. Fee	Est. Expenses	10% Markup	Est. Total
POWER Engineers, Inc.	2,546	\$484,693	\$4,035	NA	\$488,728
Subconsultants:					
Infinity Engineering Consultants (DBE)	307	\$43,275	TBD	\$4,328	\$47,603
WDG Architects Engineers (DBE)	682	\$102,300	TBD	\$10,230	\$112,530
Volkert	1067	\$176,603	\$2,000	\$17,860	\$196,463
Subcontracted Services:					
Geotech (DBE) (Estimated)	-	\$20,000	-	\$2,000	\$22,000
Survey (Estimated)	-	\$40,000	-	\$4,000	\$44,000
Subsurface Utility Locations (Estimated)	-	\$50,000	-	\$5,000	\$55,000
TOTAL ESTIMATE	4,602	\$916,871	\$6,035	\$43,418	\$966,324

POWER's fee estimate for Task 1 is \$966,324 based on an estimated T&E basis.

This scope and fee will serve as the basis for POWER's understanding of Task 1. Rate schedules are included in the attachments for additional work or descoping of work.

POWER has performed a high-level estimate of engineering support required for the next three years. POWER's estimate is \$9,400,000. The estimate and associated details of estimate were submitted on September 25, 2021.

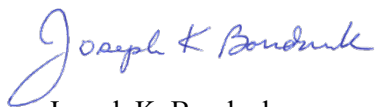
SCHEDULE

The anticipated schedule for the Scope of Work is based on the following:

- **Contract Signing: mid-October 2021**
- **Task 1 Execution: mid-October 2021 through January 2022**

If you have any questions regarding our proposal, please don't hesitate to call me at (913) 209-4231.

Sincerely,



Joseph K. Bondank
Sr. Project Manager
POWER Engineers, Inc.

FIRST RENEWAL FOR CONTRACT YG20-0049 – FURNISHING AND DELIVERING GASOLINE AND DIESEL FUEL

WHEREAS, under the provisions of the contract, the Sewerage and Water Board of New Orleans (Board), with the supplier's concurrence, reserves the right to extend their contract; and

WHEREAS, the Board entered into Contract No. YG20-0049 on April 30, 2020 with Lard Oil (supplier), in the amount of \$2,617,705.52; and

WHEREAS, the supplier desires to extend its contract facilitating the continuity of its services, furnishing and delivering gasoline and diesel fuel; and

WHEREAS, no change orders have been requested for YG20-0049 to date; and

WHEREAS, the DBE participation for this project is 0%; and

WHEREAS, this Renewal in the amount of \$1,308,852.76 will extend the contract completion date for an additional 365 days and bring the total contract amount to \$3,926,558.28 and funds for this project are budgeted under the Operations & Maintenance Budget 0840/4460; and

NOW, THEREFORE BE IT RESOLVED, that the request of Lard Oil, to extend its contract through **July 31, 2022**, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

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

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT RENEWAL No. 1

CONTRACT YG20-0049: Provide Gasoline and Diesel Fuel for the S&WB of New Orleans

Approval to modify contract YG20-0049, between the Sewerage and Water Board and Lard Oil in the amount of \$1,308,852.76

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
<i>Lard Oil</i>	<i>N/A</i>		
Total		0.00%	0.00%

DESCRIPTION AND PURPOSE

Original Contract Value	\$2,617,705.52
Previous Change Orders	\$0.00
% Change of Contract To Date	0.0%
Value of Requested Change	\$0.00
% For This Change Order	0.0%
Previous Renewals	\$0.00
Value of Requested Renewal	\$1,308,852.76
<i>Has a NTP been Issued</i>	<i>Yes</i>
Total Revised Contract Value	\$3,926,558.28
% Total Change of Contract	50.0%
Original Contract Completion Date	8/1/2021
Previously Approved Extensions (Days)	0
Time Extension Requested (Days)	365
Proposed Contract Completion Date	8/1/2022

Purpose and Scope of the Contract:

This contract is a service contract required in order to fuel the S&WB's fleet of vehicles, pumps and generators that are throughout Orleans Parish. This contract will be used to maintain a properly functioning sewer collection system throughout the parish.

Reason for Change:

Error/Omission <input type="checkbox"/>	Differing Site Condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <input checked="" type="checkbox"/> Renewal <input checked="" type="checkbox"/>	

The reason for this action is to obtain renewal #2 for contract YG20-0049 and extend the contract's services for an additional year (365 days).

Spending to Date:

Cumulative Contract Amount (as of 8/1/2021)	\$2,617,705.52
Cumulative Contract Spending (as of 8/1/2021)	\$1,295,800.74

Contractor's Past Performance:

The contractor's performance has been satisfactory to date.

PROCUREMENT INFORMATION

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
Commodity	Public Works Services	Contract Number	YG20-0049
Contractor Market	Public Bid with no DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.) :	

BUDGET INFORMATION

Funding	O & M 0840/4460	Department	Support Services
System	General Fund	Project Manager	David Cappel
Job Number	YG21-0066	Purchase Order #	6000140

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursable?
Sewer System	40%	\$523,541.10	No
Water System	40%	\$523,541.10	
Drainage System	20%	\$261,770.56	
TOTAL		\$1,308,852.76	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

David Cappel, P.E
Interim Director of Support Services
Support Services Department

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

CONTRACT CHANGE ORDERS

**RATIFICATION OF CHANGE ORDER NO. 3 AND FINAL ACCEPTANCE FOR
CONTRACT 1404 – ALGIERS WATER PURIFICATION PLANT IMPROVEMENTS
PROJECT**

WHEREAS, the Sewerage and Water Board entered into Contract 1404 with Max Foote Construction, Inc. in the amount of \$7,240,000.00 for repairs and improvements to Algiers Water Plant purification process; and,

WHEREAS, Change Order 1 represents three (3) work items, Field Change Orders 1, 2, and 3. These changes include line-stops, soil and concrete testing, one (1) 24” raw water butterfly valve; and,

WHEREAS, Change Order 1, in the amount of \$221,016.92, brings the accumulated Contract change order total to \$221,016.92, or 3.05% of the original Contract value; and

WHEREAS, Change Order No. 1 for Contract 1404 was approved by the Sewerage and Water Board of New Orleans; and

WHEREAS, Change Order No. 2 represents (7) seven work items, Field Change Orders 4, 5, 6, 7, 8, 9, and 10. These changes include moving an underground ductbank, additional cable paths, fiber, cable panels, and updated hypochlorite pumping system; and

WHEREAS, Change Order 2, in the amount of \$263,889.16, brings the accumulated contract change order total to \$484,906.08, 6.7% of the original contract value; and

WHEREAS, Change Order No. 2 for Contract 1404 was approved by the Sewerage and Water Board of New Orleans; and

WHEREAS, this final change order (Change Order 3) represents (4) four construction items including additional wiring required for clarifier 1, electrical switches for fluoride day-tank, fiber cable between chemical building and filter gallery, and clarifier 1 floor sealant and control panel; and

WHEREAS, this change order (Change Order 3) in the amount of \$73,169.61 brings the accumulated contract change order total to \$558,075.69 or 7% of the original contract value; and

WHEREAS, Contract 1404 is ready for Final Acceptance by the Sewerage and Water Board of New Orleans; and

NOW THEREFORE BE IT RESOLVED, that the Sewerage and Water Board of New Orleans hereby ratifies Change Order No. 3 for Contract 1404 and approves the Final Acceptance of Contract 1404 in the total Contract Amount of \$7,798,075.69.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

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

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

**CONTRACT CHANGE ORDER 3 and FINAL ACCEPTANCE
Contract 1404 Algiers Water Purification Plant Improvements**

Approval to modify contract # 1404 between the Sewerage and Water Board and Max Foote Construction Co. LLC, in the amount of \$73,169.61

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION GOAL: 35%	
PRIME	SUBS	TARGET	ACTUAL (as of 8/24/21)
<i>Max Foote Construction, LLC</i>	<i>Chester Electric</i>	5.10%	5.31%
	<i>Lacy and Company</i>	6.70%	9.04%
	<i>Larry McCorkle Rebar</i>	0.90%	0.30%
	<i>Mitchell Contracting</i>	24.30%	24.52%
	<i>Baum Environmental</i>	0.01%	0.00%
	<i>Pete's Disposal</i>	0.40%	0.00%
	<i>DeLeon and Sons Masonry</i>	0.68%	0.00%
Total		38.09%	39.17%

DESCRIPTION AND PURPOSE

Original Contract Value	\$7,240,000.00
Previous Change Orders	\$484,906.08
% Change of Contract To Date	6.7%
Value of Requested Change	\$73,169.61
% For This Change Order	1.0%
<i>Has a NTP been Issued</i>	<i>Yes</i>
Total Revised Contract Value	\$7,798,075.69
% Total Change of Contract	7.7%
Original Contract Completion Date	1/22/2020
Previously Approved Extensions (Days)	388
Time Extension Requested (Days)	0
Proposed Contract Completion Date	2/13/2021

Purpose and Scope of the Contract:

The Original SOW for The Algiers Water Plant consists of replacing clarifier 1 and performing routine maintenance on clarifiers 2 and 4 and preparing clarifier 3 for service. Additional goals include updating chemical storage and feed, finished and raw water feed, and implementing SCADA compatibility within the purification process.

Reason for Change:

Error/Omission	NO	Differing Site Condition	YES	Regulatory Requirement	YES
Design Change	YES	Other	_____		

MF Proposal 016 - For the requested change from single mode to multi mode 48 strand fiber between the chemical building and the filter gallery to maintain consistency and prevent additional equipment modifications.

\$5,929.76/0 days.

Proposal 21 - Wiring required for clarifier 1 torque controls were bid based on clarifier equipment package, but were realized in shop drawings. There was difference between the submittal and the actual.

☐ \$3,085.71/0 days

Proposal 22 - Hand switches were added in the Fluoride Room to control day tank pump. S&WB was indecisive in deciding between electric or pneumatic operation and did not respond upon inquiring of consultant, therefore leaving day tank pump switches out of the bid documents.

☐ \$4,827.21/0 days.

Proposal 30 - Groundwater seepage occurred through the floor of clarifier 1 post construction at the joint of a steel plate and the concrete slab. Grout was removed and replaced with expandable caulk/flex seal to allow movement.

\$5,529.18/0 days

Proposal 33 - Replace Clarifier 1 Control Panel - Power to the unit was removed, deenergizing the panel heater and causing corrosion and requiring replacement.

\$53,979.75/0 days

Spending to Date:

Cumulative Contract Amount (as of 5/24/2021)	\$7,724,906.08
Cumulative Contract Spending (as of 5/24/2021)	\$7,298,186.92

Contractor's Past Performance:

Contractor's performance has been acceptable to date.

PROCUREMENT INFORMATION

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
Commodity	Public Works Construction	Contract Number	1404
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes	CMRC Date (if nec.):	5/27/2021 & 9/23/2021

BUDGET INFORMATION

Funding	Capital 157-02	Department	Mechanical Engineering
System	Water	Project Manager	David Hingle
Job Number	1404	Purchase Order #	PG20206000060

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	100%	\$73,169.61	No
Water System			
Drainage System			

TOTAL		\$	73,169.61
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I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

David Hingle, PE
Mechanical Engineer
Mechanical Engineering

RECEIVED

SEP 24 2021

SEWERAGE & WATER BOARD OF NEW ORLEANS

GENERAL SUPERINTENDENT DEPT.

- FINAL ACCEPTANCE STATEMENT -

DATE: 24-Sep-21
FROM: David Hingle, P.E. Mechanical Engineering
TO: Ron Spooner, P.E. Chief of Engineering/Interim General Superintendent
RE: Contract No.: 1404
Via: Chris Bergeron, P.E. Engineering Division Manager
TITLE: Algiers Water Purification Plant Improvements

This is to advise that all work on the above-captioned Contract is now completed and acceptance of the Contract is recommended.

CONTRACTOR:	Max Foote Construction, LLC
LUMP SUM BID:	\$7,240,000.00
UNIT PRICE BID:	\$0.00
TOTAL CONTRACT BID:	\$7,240,000.00
UNIT PRICE EXTENSIONS TO CONTRACT:	0
NO. CHANGE ORDERS:	3
TOTAL CHANGE ORDER AMOUNT:	\$558,075.69
(Do not include unit price work in Change Orders)	
TOTAL CONTRACT COST:	\$7,798,075.69
CHANGE ORDERS AS PER CENT OF LUMP SUM AND UNIT PRICE BID TOTAL:	7.71%
DATE WORK ORDER ISSUED:	15-Oct-18
DATE OF SUBSTANTIAL COMPLETION	1-Feb-21
INCOMPLETE PUNCHLIST ITEMS CREDIT DUE TO S&WB:	\$0.00
CONTRACT LIQUIDATED DAMAGES DUE TO S&WB:	\$0.00
RETAINAGE INCLUDING FINAL CHANGE ORDER DUE TO CONTRACTOR:	\$459,414.91
TOTAL AMOUNT DUE TO S&WB:	\$0.00
CONTRACT DBE Participation goal:	35%
CONTRACT DBE Participation achieved:	39.17%


David Hingle, P.E.
Mechanical Engineering


M. Ron Spooner, P. E.
Chief of Engineering/Interim General Superintendent

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SEP 24 2021

ENGINEERING DIVISION
October 2021 GSO Report

RATIFICATION OF CHANGE ORDER NO. 4 FOR CONTRACT 1377 – WATER HAMMER HAZARD MITIGATION PROGRAM – CLAIBORNE AVE. PUMPING STATION AND OFF-SITE IMPROVEMENTS

WHEREAS, on November 20, 2019, by Resolution R-175-2019, the Sewerage and Water Board of New Orleans awarded Contract 1377 to **M.R. Pittman Group, LLC** in the amount of \$35,345,100.00 for Water Hammer Hazard Mitigation Program – Claiborne Ave. Pumping Station and Off-Site Improvements; and,

WHEREAS, the Board by Resolution R-054-2021 approved Change Order 1 on May 19, 2021, increasing the Contract Value by \$1,161,235.98; and

WHEREAS, the Board by Resolution R-056-2021 approved Change Order 2 on June 16, 2021, increasing the Contract Value by \$261,260.92; and

WHEREAS, the Board by Resolution R-079-2021 approved Change Order 3 on July 14, 2021, increasing the Contract Value by \$148,321.11; and

WHEREAS, this Change Order addresses the addition of a fiber-optic cable and direct costs for security, safety, and housekeeping for the presidential visit to the water treatment plant; and

WHEREAS, this Change Order, in the amount of \$62,347.42, or 0.2% of the Original Contract Value, brings the accumulated Contract Change Order Total to \$1,633,165.43, or 4.6% of the Original Contract Value.

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 4 for Contract 1377 is ratified by the Sewerage and Water Board of New Orleans increasing the amount of the contract by \$62,347.42, bringing the Contract total to \$36,978,265.43.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT CHANGE ORDER NO. 004

CONTRACT No. 1377 Water Hammer Mitigation Program, Claiborne Ave. Pump Station & Offsite Improvements

Approval to modify Contract No. 1377 in the amount of \$62,347.42

CONTRACTOR/SUB/VENDOR INFORMATION

DBE PARTICIPATION GOAL: 36%			
PRIME	SUBS	TARGET	ACTUAL (as of 08/24/2021)
<i>M.R. Pittman Group</i>	<i>Bayou Concrete Pumping LLC</i>	0.50%	0.00%
	<i>Bayou Construction Group</i>	0.10%	0.16%
	<i>The Beta Group</i>	0.40%	0.21%
	<i>Choice Supply Solutions, LLC</i>	5.80%	7.74%
	<i>EBE Fencing</i>	0.10%	0.00%
	<i>Gainey's Concrete Products</i>	0.40%	0.00%
	<i>JEI Solutions, Inc.</i>	15.80%	12.76%
	<i>Landrieu Concrete & Cement Industries</i>	2.50%	0.83%
	<i>FP Richard, LLC, d/b/a Rue Contractors</i>	6.40%	1.80%
	<i>Thornhill Services, Inc.</i>	3.30%	2.90%
	<i>Traffic Commander</i>	0.70%	0.00%
	<i>Waldo Brothers, Inc.</i>	0.10%	0.90%
Total		36.10%	27.30%

DESCRIPTION AND PURPOSE

Original Contract Value	\$35,345,100.00
Previous Change Orders	\$1,570,818.01
% Change of Contract To Date	4.4%
Value of Requested Change	\$62,347.42
% For This Change Order	0.2%
<i>Has a NTP been Issued</i>	<i>Yes</i>
Total Revised Contract Value	\$36,978,265.43
% Total Change of Contract	4.6%
Original Contract Completion Date	6/27/2022
Previously Approved Extensions (Days)	118
Time Extension Requested (Days)	3
Proposed Contract Completion Date	10/26/2022

Purpose and Scope of the Contract:

The contemplated project consists of general construction of the Claiborne Avenue Pump Station and Off-Site Improvements, rebuilding existing pumps, new electric pump motors with variable frequency drives (VFD's), vacuum priming system, building structures, concrete meter structures, valve and meter vaults, yard piping, site work, earthwork, traffic rerouting, valves and fittings,

electrical, control and instrumentation equipment and integration and miscellaneous appurtenances. Work is primarily located at the Carrollton Water Purification Plant at 8800 S. Claiborne Ave for the Sewerage and Water Board of New Orleans, Owner. Off-site work is located at 8933 Stroelitz Street.

Reason for Change:

Error/Omission	Differing Site Condition	Regulatory Requirement
Design Change	Other <input checked="" type="checkbox"/> X <input type="checkbox"/>	

FCO-029, WCD-029-Fiber Optic Addition: Provide and install a 12 strand, multimode fiber optic cable between CPL-500 and RIO-700 to accommodate this fiber optic cable connection under this Contract and not part of the other S&WB Contract 1370A to ensure this installation would be completed in advance of the startup and commissioning for the rehabilitated pumps PMP-510 and PMP-520. \$9,076.21

FCO-031, RFC-009 - S&WB Special Event (President Visit): Time and Material Costs for labor, equipment, materials and supplies as directed within S&WB email authorization for emergency change order work activities required to provide enhanced security, safety and house keeping measures around and within the Claiborne Ave. Pump Station in preparation for President Biden site visit on Thursday, May 6, 2021. \$53,271.21

Spending to Date:

Cumulative Contract Amount (as of 07/31/2021)	\$36,915,918.01
Cumulative Contract Spending (as of 07/31/2021)	\$27,639,631.90

Contractor's Past Performance:

M.R. Pittman Group, LLC. Is work on this project has been acceptable.

PROCUREMENT INFORMATION

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
Commodity	Public Works Construction	Contract Number	1377
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> X <input type="checkbox"/> No	CMRC Date (if nec.):	8/26/2021

BUDGET INFORMATION

Funding	CP 175-00	Department	Mechanical Engineering
System	Water	Project Manager	Chris Bergeron
Job Number	01377FEM	Purchase Order #	PG2020600094

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	100%	\$ 62,347.42	Partial
Water System			
Drainage System			
FEMA PW 18836			
Other			
TOTAL		\$ 62,347.42	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

Chris Bergeron
Engineering Division Manager
Mechanical Engineering

RATIFICATION OF CHANGE ORDER NO. 5 BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND CYCLE CONSTRUCTION COMPANY, LLC FOR CONTRACT 30109 SEWER PUMPING STATION A STRUCTURAL REHABILITATION

WHEREAS, on April 6, 2018, the Sewerage and Water Board entered into Contract 30109 with Cycle Construction Company, LLC in the amount of \$1,669,984.00 for Sewer Pumping Station A Structural Rehabilitation; and,

WHEREAS, the Board by Resolution R-019-2019 approved Change Order 1 on February 20, 2019, increasing the contract value by \$169,598.81; and

WHEREAS, the Board by Resolution R-021-2020 approved Change Order 2 on February 19, 2020, increasing the contract value by \$155,847.87; and

WHEREAS, the Board by Resolution R-102-2020 approved Change Order 3 on September 24, 2020, increasing the contract value by \$399,905.54; and

WHEREAS, the Board by Resolution R-057-2021 approved Change Order 4 on June 16, 2021 increasing the contract value by \$273,778.33; and

WHEREAS, this change order addresses field change orders FCO-015 to FCO-021, composed of extra costs associated with hazardous material testing, water line relocation, storage room roof replacement, additional shoring, selective demolition and rebuild of brick wall that is currently part of main wind force resisting system, and associated time; and

WHEREAS, this Change Order, in the amount of \$812,753.48, brings the accumulated Contract Change Order total to \$1,811,884.03, or 108.5% percent of the original Contract value and adds 179 days to the contract time; and

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 5 for Contract 30109 is ratified by the Sewerage and Water Board of New Orleans increasing the amount of the contract by \$812,753.48, bringing the Contract total to \$3,481,868.03.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT CHANGE ORDER No. 5

Contract 30109 Sewer Pumping Station A Structural Rehabilitation

Approval to modify contract 30109, between the Sewerage and Water Board and Cycle Construction Company LLC., in the amount of \$812,753.48

CONTRACTOR/SUB/VENDOR INFORMATION

DBE PARTICIPATION GOAL: 36%			
PRIME	SUBS	TARGET	ACTUAL (as of 7/14/21)
Cycle Construction Company, LLC	K-Belle Consulting	32.09%	10.85%
	Traffic Solutions	0.26%	0.26%
	Urban Systems	0.21%	0.21%
	RLH investments	2.78%	
	Nola Steele	1.47%	
	A&A Enterprises	0.26%	
Total		37.07%	11.32%

DESCRIPTION AND PURPOSE

Original Contract Value	\$1,669,984.00
Previous Change Orders	\$999,130.55
% Change of Contract To Date	59.8%
Value of Requested Change	\$812,753.48
% For This Change Order	48.7%
Has a NTP been Issued	Yes
Total Revised Contract Value	\$3,481,868.03
% Total Change of Contract	108.5%
Original Contract Completion Date	3/3/19
Previously Approved Extensions (Days)	845
Time Extension Requested (Days)	179
Proposed Contract Completion Date	12/21/21

Purpose and Scope of the Contract:

The "Old Boiler Room" of the Sewer Pump Station A (SPS-A) Facility has experienced noticeable cracking of the walls and floor related to settlement of the northeast corner of the building. The purpose of this contract is to strengthen the existing foundation and walls of the structure to replace lost capacity and meet current design standards.

The original scope of work (SOW) includes installation of new micropiles; reinforcement and encasement of the existing grade beam; installation of reinforced concrete wall, beams and pilasters; concrete crack repair of existing masonry walls; and site restoration.

Reason for Change:

Error/Omission	<input type="checkbox"/>	Differing Site Condition	<input checked="" type="checkbox"/>	Regulatory Requirement	<input type="checkbox"/>
Design Change	<input checked="" type="checkbox"/>	Other	<input type="checkbox"/>		

FCO 15 - Due to major settlement issues on the East wall of the pump station, the windows are no longer aligned. These windows are to be removed and placed back in it's appropriate position. Remediation of hazardous materials such as lead or asbestos will be done prior to reinstallation. This FCO is for the testing of hazardous materials. Total cost of this FCO: \$3,259.50. NTP has been issued.

FCO 16 - Excavation was done on the exterior of the building to install piles and work on the grade beam. A waterline that feed into the pump station was leaking into the pits. This waterline was repaired but will be permanently relocated to accommodate the final design of the exterior work of the building. All water lines entering the building will run into a single grouped location in line with each other. Total cost of this FCO: \$7,453.66.

FCO 17 - Part of the original scope in this area was to remove wall and roof sections of the storage room in order to have the

appropriate access needed for installation of piles as well as grade beam repairs. Then this area would be rebuilt and patched. After demolishing the wall and portions of the roof it was discovered that the roofs beams, joist and plywood sheets were damaged beyond repair due to termite damage. This FCO will replace the roof completely with new wood members and shingles. The asbestos shingles that are currently on the roof will be removed following all environmental regulations. Total cost of this FCO: \$52,028.13

FCO 18 - Due to the buildings settlement cracks in the walls are expanding causing movement in the buildings roof truss system. Steel members of the roof truss have bent and shifted in various places. Some are of these bent members are old but the condition and strength are unknown at this point as they have not been monitored since previous steel repairs/additions have been made in the past. For the safety of the everyone working on site we requested that additional shoring be installed to support the roof on the east side of the building. This FCO is for shoring engineering, parts and installation. Total cost of this FCO: \$51,468.29. NTP has been issued

FCO 19 - Crack repairs were to be done on the North and East wall with grout injections to strengthen the main wind force resisting system. Due to ongoing settlement the wall cracks have separated so much in certain areas that normal crack repair is no longer a viable option. It was determined that selective demolition and rebuild of the masonry wall was the optimal path forward to repairing the walls. This specific work will take place only on the top half of the walls. This effort will require additional shoring and resequencing of work. Furthermore due to the nature of the work being unconventional and the risk factors associated with the condition of the building, work may be slow and tedious. Total cost of this FCO: \$601,442.00.

FCO 20 - Steel anchor rods were to be installed throughout the walls of the station. During the initial installation of these anchors voids were found within the brick walls. The design engineer determined that Simpson Heli Tie Anchors would be a better solution to strengthen and reinforce the existing walls. These anchors do not rely on epoxy or grout for tensile strength. Total cost of this FCO: \$22,475.22. NTP has been issued.

FCO 21 - This FCO is for a contract time extension of 179 days and includes field overhead, superintendent full time, project manager 1 day a week and administration 4 hours a week. This time requested is for additional work from Field Change Order 15-20. Total cost of this FCO:

Spending to Date:

Cumulative Contract Amount (as of 7/1/2021)	\$2,669,114.55
Cumulative Contract Spending (as of 7/1/2021)	\$1,494,968.06

Contractor's Past Performance:

Although there have been unforeseen site conditions that have proven to be difficult obstacles the contractor's timelines of deliverables, conformance to SWBNO policies and procedures, quality meet expectations. To date the contractor has not achieved a DBE participation rate of 36% because DBE Subcontractors have not reached their scope at this time.

PROCUREMENT INFORMATION

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
Commodity	Public Works Construction	Contract Number	30109
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.):	6/3/21 and 6/17/21

BUDGET INFORMATION

Funding	Capital 326-03, 326-00, 339-01	Department	Civil Engineering
System	Sewer	Project Manager	Daniel Avalos
Job Number	30109	Purchase Order #	PG2018 6000202

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursable?
Sewer System	100%	\$812,753.48	no
Water System			
Drainage System			
TOTAL		\$ 812,753.48	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.



Daniel Avalos, P.E.
Senior Engineer
Civil Engineering

RATIFICATION OF CHANGE ORDER NO. 4 FOR CONTRACT 1403 – DEMOLITION OF ABANDONED C-7 AND C-8 BASINS AND OTHER SITE IMPROVEMENTS AT THE CARROLLTON WATER PLANT

WHEREAS, on October 27, 2020 the Sewerage and Water Board (S&WB) entered into Contract 1403 with Cycle Construction Company, LLC in the amount of \$7,619,394.00 for the Construction of Carrollton Water Plant West Substation/Demolition of C7 and C8 Basins; and,

WHEREAS, the Board by Resolution No. R-042-2021 approved Change Order No. 1 on May 19, 2021, increasing the Contract value by \$300,000; and

WHEREAS, the Board by Resolution No. R-054-2021 approved Change Order No. 2 on June 15, 2021, increasing the Contract value by \$240,162.38 and adding 60 days to the Contract Time; and

WHEREAS, the Board by Resolution No. R-066-2021 approved Change Order No. 3 on July 14, 2021, increasing the contract value by \$1,645,679.15 and adding 66 days to the Contract Time, and

WHEREAS, This Change Order addresses FCO-008 comprising the compensation for expenses in addressing changes to the electrical supply to the new pump station; and

WHEREAS, This Change Order, in the amount of \$381,731.98 or 5.0% of the original contract value, brings the accumulated Contract Change Order total to \$2,567,573.51, or 33.7% of the Original Contract Value; and

WHEREAS, This Change Order does not change the Contract Time which remains a total of 456 days thereby keeping the Contract completion date of February 14, 2022;

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 4 for Contract 1403 is ratified by the Sewerage and Water Board of New Orleans increasing the amount of the Contract by \$381,731.98, bringing the Contract Total to \$10,186,967.51 and keeping the Contract Time to a total of 456 days.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021

Ghassan Korban
EXECUTIVE DIRECTOR

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT CHANGE ORDER NO 4 - FCO 008

CN 1403 - Demolition of Abandoned C-7 & C-8 Basins and Other Site Improvements at the Carrollton Water Plant

This Field Change Order deletes the 480v electrical feed to the new sludge pump station and replaces it with a 4160v feed and transformer at the station

CONTRACTOR/SUB/VENDOR INFORMATION

DBE PARTICIPATION GOAL: 36%			
PRIME	SUBS	TARGET	ACTUAL (as of 7/8/21)
<i>Cycle Construction Company, LLC</i>	<i>Three C's Properties</i>	32.19%	38.73%
	<i>Twin Shores</i>	7.33%	11.52%
	<i>Industry Junction</i>	n/a	5.89%
Total		39.52%	56.14%

DESCRIPTION AND PURPOSE

Original Contract Value	\$ 7,619,394.00
Previous Change Orders	\$ 2,185,841.53
% Change of Contract To Date	28.7%
Value of Requested Change	\$ 381,731.98
% For This Change Order	5.0%
<i>Has a NTP been Issued</i>	<i>Yes</i>
Total Revised Contract Value	\$ 10,186,967.51
% Total Change of Contract	33.7%
Original Contract Completion Date	10/11/2021
Previously Approved Extensions (Days)	126
Time Extension Requested (Days)	0
Proposed Contract Completion Date	2/14/2022

Purpose and Scope of the Contract:

This project converts the abandoned C7 and C8 basins into the new West Power Complex for Carrollton Water Plant. A new Entergy substation will occupy the C8 basin and S&WB generation facilities will occupy the C7 basin. Eventually three combustion gas turbines, three static frequency converters, and a grid control building will occupy C7.

Reason for Change:

Error/Omission <input checked="" type="checkbox"/>	Differing Site Condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <input type="checkbox"/>	

The original electrical design called for a 480v feed to be provided to the new sludge pump station from the electrical building at the southeast corner of the C7 basin. That building has no equipment that can provide such a feed. This FCO deletes that design and replaces it with a new 4160v feed from the L4 Electrical Building at the southwest corner of the C7 basin. The new work includes a tie-in to existing L4 switchgear; a new 4160v disconnect switch; concrete coring, conduit, pull boxes, and conductor to the sludge pump building; a new transformer at the building; and tie-in of the transformer secondary to the originally designed electrical panels.

Spending to Date:

Cumulative Contract Amount (Through FCO 006)	\$9,805,235.53
Cumulative Contract Spending (as of 5/31/2021)	\$5,114,740.44

Contractor's Past Performance:

Satisfactory

PROCUREMENT INFORMATION

Contract Type	Base Bid + Alt #1	Award Based On	Lowest Competitive Bid
Commodity	Construction	Contract Number	1403
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.):	7/8/2021

BUDGET INFORMATION

Funding	610-02	Department	Civil Engineering
System	Multiple	Project Manager	Frank C. Fromherz II
Job Number	1403	Purchase Order #	600174 PG2020

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursable?
Sewer System	40%	\$ 152,692.79	Project is funded through Capital Outlay Program. 75% of eligible costs are reimbursable.
Water System	40%	\$ 152,692.79	
Drainage System	20%	\$ 76,346.40	
TOTAL	100%	\$ 381,731.98	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

Frank C. Fromherz II, P.E.
Senior Project Manager
Civil Engineering

**CHANGE ORDER NO. 2 FOR CONTRACT 30218 – RESTORATION OF GRAVITY
FLOW SANITARY SEWER MAINS BY POINT REPAIR AT VARIOUS SITES
THROUGHOUT ORLEANS PARISH**

WHEREAS, the Sewerage and Water Board of New Orleans entered into Contract 30218 with Wallace C. Drennan Inc. on September 10, 2018 in the amount of \$3,977,043.00, (R-108-2018), of which only \$3,453,175.20 was spent; and

WHEREAS, Wallace C. Drennan, Inc. was awarded a one (1) year Contract Renewal No.1 on September 18, 2019 in the amount of \$3,977,043.00 (R-148-2019) bringing the total contract amount to \$7,430,218.20; and,

WHEREAS, Wallace C. Drennan, Inc. was awarded a one (1) year Contract Renewal No.2 on August 19, 2019 in the amount of \$3,977,043.00 (R-077-2019) bringing the total contract amount to \$11,407,261.20; and,

WHEREAS, Change Order No. 1 was approved on November 18, 2020 in the amount of \$1,000,000.00 and zero (0) days (R-127-2020) bringing the total contract amount to \$12,407,261.20; and,

WHEREAS, this Change Order No. 2 will extend the contract duration by sixty (60) days and extend the contract expiration date to 11/17/2021; and,

WHEREAS, this Change Order No. 2 in the amount of \$3,750,00.00 dollars represents 32.9% change in contract amount and brings the total contract amount to \$16,157,261.20; and,

NOW THEREFORE BE IT RESOLVED, the approval of Change Order No. 2 for Contract 30218 is ratified by the Sewerage and Water Board of New Orleans increasing the amount of the contract by \$3,750,000.00, bringing the Contract total to \$16,157,261.20.

____ I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT CHANGE ORDER No. 2

CONTRACT 30218 RESTORATION OF GRAVITY FLOW SANITARY SEWER MAINS BY POINT REPAIR AT VARIOUS SITES THROUGHOUT ORLEANS PARISH

Approval to modify contract 30218, between the Sewerage and Water Board and Wallace C. Drennan, in the amount of \$3,750,000.00

CONTRACTOR/SUB/VENDOR INFORMATION

DBE PARTICIPATION GOAL: 36%			
PRIME	SUBS	TARGET	ACTUAL (as of 9/23/21)
Wallace C. Drennan	Prince Dump Truck Services	8.80%	6.75%
Wallace C. Drennan	Choice Supply Solutions, LLC	4.44%	4.26%
Wallace C. Drennan	C&M Construction Group Inc.	23.08%	25.59%
Total		36.32%	36.60%

DESCRIPTION AND PURPOSE

Original Contract Value	\$11,407,261.20
Previous Change Orders	\$1,000,000.00
% Change of Contract To Date	8.8%
Value of Requested Change	\$3,750,000.00
% For This Change Order	32.9%
Has a NTP been Issued	Yes
Total Revised Contract Value	\$16,157,261.20
% Total Change of Contract	41.6%
Original Contract Completion Date	9/18/2021
Previously Approved Extensions (Days)	0
Time Extension Requested (Days)	60
Proposed Contract Completion Date	11/17/2021

Purpose and Scope of the Contract:

This Sewer Point Repair O&M contract is used to make repairs to existing sanitary sewer mains, existing sanitary sewer laterals, and rehabilitation of existing sewer manholes. The contract is also occasionally used to video and clean sanitary sewer mains in order to determine location of break and to determine integrity of the remaining pipe after a near by repair is made. This contract is used to maintain the integrity of the sanitary sewer collection system throughout Orleans Parish.

Reason for Change:

Error/Omission <input type="checkbox"/>	Differing Site Condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <input checked="" type="checkbox"/>	

The reason for this is to add funds to Contract 30218 due to unforeseen expenditures in regards to 45 sewer pump stations and 1 drainage pump station # 18 relating to power outages in the aftermath of Hurricane Ida. The contractor was able to make an emergency response in a timely manner in order to minimize the chance of sewer overflows throughout the city and to remain in compliance with EPA requirements. Pump station assistance included installing diesel pumps to bypass sewer to an EDC, using trucks to haul sewer from station wetwells, and installing power generators in order for stations to use the existing pumps.

Spending to Date:

Cumulative Contract Amount (as of 9/17/2021)	\$12,407,261.20
Cumulative Contract Spending (as of 7/31/2021)	\$10,034,999.62

Contractor's Past Performance:

Contractor's Performance has been satisfactory to date.

PROCUREMENT INFORMATION

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
Commodity	Public Works Construction	Contract Number	30218
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.) :	

BUDGET INFORMATION

Funding		Department	Networks
System	Sewer	Project Manager	Andrew Nettles
Job Number		Purchase Order #	

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursable?
Sewer System	100%	\$3,750,000.00	Yes
Water System			
Drainage System			
TOTAL		\$ 3,750,000.00	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

Fred O. Tharp, P.E.
Chief of Networks
Networks Department

**CHANGE ORDER NO. 1 FOR CONTRACT 30217 – CLEANING AND CCTV INSPECTION OF
SANITARY SEWER MAIN AT SCATTERED SITES WITHIN ORLEANS PARISH**

WHEREAS, the Sewerage and Water Board of New Orleans entered into Contract No. 30217 on July 18, 2018 with Compliance EnviroSystems LLC (CES) in the amount of \$715,350.00(R-107-2018); and

WHEREAS, CES was awarded a one (1) year Contract Renewal No. 1 on September 18, 2019 in the amount of \$715,350.00 (R-161-2019), bringing the total contract dollar amount to \$1,430,700.00; and

WHEREAS, CES was awarded a one (1) year Contract Renewal No. 2 on July 22, 2020 in the amount of \$715,350.00 (R-080-2020), bringing the total contract dollar amount to \$2,146,050.00; and

WHEREAS, This Change Order 1 represents an extension to the contract by one hundred and eighty (180) days, bringing the contract end date to January 13, 2022 with no additional cost.

NOW, THEREFORE BE IT RESOLVED, that Change Order 1 for Contract 30219 between the Sewerage and Water Board of New Orleans and **Compliance EnviroSystems LLC** to extend its contract through **January 13, 2022**, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT CHANGE ORDER FOR TIME EXTENSION

CONTRACT 30217: Cleaning and CCTV Inspection of Sanitary Sewer Mains at Scattered Sites Within Orleans Parish

Approval to extend the duration of Contract 30217, between the Sewerage and Water Board and Compliance EnviroSystems, LLC, by one-hundred eighty (180) days.

CONTRACT CHANGE ORDER FOR TIME EXTENSION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
<i>Compliance EnviroSystems, LLC</i>	<i>Blue Flash Sewer Service, Inc</i>	36.00%	29.40%
Total		36.00%	29.40%

DESCRIPTION AND PURPOSE

Original Contract Value	\$2,146,050.00
Previous Change Orders	\$0.00
% Change of Contract To Date	0.0%
Value of Requested Change	\$0.00
% For This Change Order	0.0%
<i>Has a NTP been Issued</i>	<i>Yes</i>
Total Revised Contract Value	\$2,146,050.00
% Total Change of Contract	0.0%
Original Contract Completion Date	7/18/2019
Previously Approved Extensions (Days)	730
Time Extension Requested (Days)	180
Proposed Contract Completion Date	1/13/2022

Purpose and Scope of the Contract:

This contract is a maintenance contract required in order to clean sewer mains, manholes, and lateral connections as well as perform CCTV inspection of sewer mains and sewer laterals throughout Orleans Parish as deemed necessary. This contract is used to maintain a properly functioning sewer collection system throughout the parish.

Reason for Change:

Error/Omission <input type="checkbox"/>	Differing Site Condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <u>Time Extension</u> <input checked="" type="checkbox"/>	

The reason for change order is to obtain an extension for Contract 30217 of the contract's services for an additional one-hundred eighty (180) days. Due to weather and JIRR conflicts, the team has been delayed in completing the needed cleaning schedule of sanitary sewers. This extension will assist in continuing to provide CCTV inspection and cleaning of the sanitary sewer system as well as the drain system throughout Orleans Parish.

Pending to Date:

Cumulative Contract Amount (as of 7/22/2021)	\$2,146,050.00
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Cumulative Contract Spending (as of 7/22/2021)

\$1,732,527.56

Contractor's Past Performance:*The contractor's performance has been satisfactory to date.***PROCUREMENT INFORMATION**

Contract Type	Base Bid	Award Based On	Lowest Competitive Bid
Commodity	Public Works Construction	Contract Number	30217
Contractor Market	Public Bid with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.) :	

BUDGET INFORMATION

Funding	O & M 6621/4411	Department	Networks
System	Sewer	Project Manager	Ashraf Abdelbaqi
Job Number	30217	Purchase Order #	6000067 PG2021

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursable?
Sewer System	100%	\$0.00	No
Water System			
Drainage System			
TOTAL		\$0.00	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

Fred Tharp, P.E
Chief of Networks

CHANGE ORDER NO. 1 FOR CONTRACT 30219 – RESTORATION OF EXISTING GRAVITY FLOW SANITARY SEWERS BY EXCAVATION AND REPLACEMENT FROM MANHOLE TO MANHOLE, CIPP LINING FROM MANHOLE TO MANHOLE, CIPP LINING OF SERVICE LATERALS AND POINT REPAIRS AT VARIOUS SITES THROUGHOUT THE CITY OF NEW ORLEANS.

WHEREAS, under the provisions of the contract, the Board, with the contractor's concurrence, reserves the right to extend their contract; and

WHEREAS, the Sewerage and Water Board of New Orleans entered into Contract No. 30219 with Wallace Drennan, Inc. for the amount of \$3,877,123.00(R-120-2018) of which only \$2,711,633.06; and

WHEREAS, Wallace Drennan was awarded a one (1) year Contract Renewal No. 1 on September 18, 2019 in the amount of \$3,877,123.00 (R-149-2019), bringing the total contract dollar amount to \$6,588,756.06; and

WHEREAS, Wallace Drennan was awarded a one (1) year Contract Renewal No. 2 on August 19, 2020 in the amount of \$3,877,123.00 (R-149-2019), bringing the total contract dollar amount to \$10,465,879.06; and

WHEREAS, This Change Order 1 represents an extension to the contract by one hundred and twenty (120) days, bringing the contract end date to December 17, 2021 with no additional cost.

NOW, THEREFORE, BE IT RESOLVED, that Change Order 1 for Contract 30219 between the Sewerage and Water Board of New Orleans and **Wallace C. Drennan, Inc.**, to extend its contract through **December 17, 2021**, is hereby approved.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a resolution adopted
at the Regular Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

Ghassan Korban
EXECUTIVE DIRECTOR
SEWERAGE AND WATER BOARD OF NEW ORLEANS

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**



ACTION REQUESTED

CONTRACT 30219 Time Extension CHANGE ORDER No. 1

CONTRACT 30219 Replacement of Sewer Mains from Manhole to Manhole and CIPP Lining of Sewer Mains and Laterals throughout Orleans Parish

Approval to modify contract 30219, between the Sewerage and Water Board and Wallace C. Drennan Inc., in the amount of \$0.00 and extend the Contract duration by an additional 120 days.

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
Wallace C. Drennan Inc	C&M Construction Group Inc.	25.79%	14.53%
	Choice Supply Solutions, LLC	0.77%	5.22%
	Prince Dump Truck Services	6.45%	4.86%
	Dieudonne Enterprises	3.87%	0.77%
Total		36.88%	25.38%

DESCRIPTION AND PURPOSE

Original Contract Value	\$10,465,879.10
Previous Change Orders	\$0.00
% Change of Contract To Date	0.0%
Value of Requested Change	\$0.00
% For This Change Order	0.0%
Has a NTP been Issued	NO
Total Revised Contract Value	\$10,465,879.10
% Total Change of Contract	0.0%
Original Contract Completion Date	8/19/2021
Previously Approved Extensions (Days)	0
Time Extension Requested (Days)	120
Proposed Contract Completion Date	12/17/2021

Purpose and Scope of the Contract:

The purpose of this contract is for Restoration of Existing Gravity Flow Sanitary Sewers by Excavation and Replacements from Manhole to Manhole, CIPP Lining from Manhole to Manhole, CIPP Lining of service Laterals and Point Repairs at various sites throughout the city of New Orleans.

Reason for Change:

Error/Omission <input type="checkbox"/>	Differing Site Condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other _Extension_ <input checked="" type="checkbox"/>	

The purpose of this request is to approve the extension of Sewer Capital Replacement Contract 30219 by an additional 120 days and \$0.00. This duration extension only Change Order is required in order to continue to provide services for replacement and lining of sewer mains other wise deemed unrepairable by point repair by the engineer.

Spending to Date:

Cumulative Contract Amount (as of 1/1/2020)	\$10,465,879.10
Cumulative Contract Spending (as of 1/1/2020)	\$9,172,724.35

Contractor's Past Performance:

The contractor's performance has been satisfactory to date.

PROCUREMENT INFORMATION

Contract Type	Fixed Unit Rate	Award Based On	Lowest Competitive Bid
Commodity	Construction Services	Contract Number	30219
Contractor Market	Open Market with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.) :	

BUDGET INFORMATION

Funding	CP 318-02/318-03	Department	Networks
System	Sewer	Project Manager	Andrew Nettles
Job Number		Purchase Order #	6000025

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursable?
Sewer System	100%	\$ 10,465,879.10	NO
Water System			
Drainage System			
TOTAL		\$ 10,465,879.10	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

FRED THARP, P.E.

GENERAL SUPERINTENDENT'S RECOMMENDATIONS

CONTRACT AMENDMENTS

**CONTRACT AMENDMENT NO. 10 TO THE AGREEMENT BETWEEN
THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND CH2M
HILL ENGINEERS, INC FOR PROGRAM MANAGEMENT, DESIGN AND
ENGINEERING SERVICES FOR THE RETROFIT POWER PLANT
HAZARD MITIGATION GRANT PROJECT**

WHEREAS, by action of the Board through the adoption of Resolution R-012-2013, Consultant was awarded the agreement for design and engineering services for the Retrofit Power Plant Hazard Mitigation Project at the Carrollton Water Treatment Plant, the Oak Street Raw Water Intake and Pump Station and the Board's power network on the East Bank of the city of New Orleans; and

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

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

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

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

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

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

WHEREAS, by action of the Board through the adoption of Resolution R-043-2019, the existing agreement with Consultant was increased to \$41,405,359; and

WHEREAS, by action of the Board through the adoption of Resolution R-043-2019, the existing agreement with Consultant was extended to December 31, 2020; and

WHEREAS, by action of the Board through the adoption of Resolution R-202-2019, the existing agreement with Consultant was increased to \$43,452,081; and

WHEREAS, by action of the Board through the adoption of Resolution R-124-2020, the existing agreement with Consultant was increased to \$45,224,565; and

WHEREAS, this amendment provides for the continuation of services supporting the HMGP Power Plant Retrofit Program through December 31, 2021 for an amount not-to-exceed \$457,640.00, and

NOW THEREFORE BE IT RESOLVED, that the President and/or President Pro Tem be and is hereby authorized to execute the amendment to this agreement with CH2M HILL Engineers, Inc., a wholly owned subsidiary of Jacobs Engineering Group Inc. (Jacobs) increasing the fee authorized to be paid to Jacobs by \$457,640 (%) for a contract total of \$45,682,205 and extending the contract duration to December 31, 2021.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans, do hereby
certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

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

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS CONTRACTOR FACT SHEET



ACTION REQUESTED

AMENDMENT #10

RETROFIT POWER PLANT HAZARD MITIGATION GRANT PROGRAM PROJECT

Request authorization for Amendment No. 10 to the agreement between SWBNO and CH2M Hill Engineers, Inc increasing the fee by \$457,640.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	DBE PARTICIPATION GOAL:	
		Target	Actual
CH2M Hill Engineers, Inc.	Trigon Associates	23%	12.13%
	ILSI	12%	8.55%
	Beta Group.	0%	0.02%
	J. D. Russell Consulting	0%	0.04%
	Dale Stockstill	0%	0.10%
	Batture LLC	0%	0.05%

DESCRIPTION AND PURPOSE

Original Contract Value:	\$12,497,750.00
Previous Amendments 1-9 :	\$32,726,815.00
% Change of Contract:	262%
Value of Requested Change:	\$457,640
% Change of Contract:	4%
Has an NTP been issued:	Yes
Total Revised Contract Value:	\$45,682,205.00
% Change of Contract to Date:	366%
Original Contract Duration:	Upon completion of authorized HMGP projects
Time extension requested:	N/A

Proposed Contract Completion Date: **December 2021**

Purpose and Scope of the Contract:

Qualified engineering consultant providing design, design build procurement support, engineering services, and program management for the Retrofit Power Plant Hazard Mitigation Project at the Carrollton Water Treatment Plant, the Oak Street Raw Water Intake and Pumping Station and the Board's power facilities on the East Bank of the City of New Orleans.

Reason for Change

Design error/Omission <input type="checkbox"/>	Differing Site condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>	Design Change <input type="checkbox"/>	Other _____ <input checked="" type="checkbox"/>
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Continued engineering support on the HMGP Power Plant Retrofit Program through scheduled completion in 2021. Services include Program Management, Design Engineering Services, Construction Supervision, Inspection Services.

Spending to date:

Cumulative Contract Value (as of 7/2/2021): \$45,224,565
Cumulative Contract Spending (as of 7/2/2021): \$45,017,057

Contractor's Past Performance:

The engineer's timeliness of deliverables, conformance to SWBNO policies and procedures, quality meet expectations. Total DBE participation to date is approximately 21%. DBE participation is forecasted to be 21%.

PROCUREMENT INFORMATION

Contract Type:	RFQ/RFPs	Award Based On:	Best Value
Commodity:	Professional Services	Contract Number:	N/A
Contractor Market:	Open Market		
Compliance with procurement laws	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

BUDGET INFORMATION

Funding:	Capital	Department:	7000
System:	Combined	Department Head:	M. Ron Spooner
Job Number:		Purchase Order #:	

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount
Sewer System	13%	\$59,493.20
Water System	34%	\$155,597.60
Drainage System	53%	\$242,549.20
TOTAL ESTIMATED DOLLAR AMOUNT OF Change Order		\$457,640.00

User	Share%	Dollar Amount
FEMA Reimbursable	84.3%	\$385,993.43
Sewer/Water/Drainage Systems	15.7%	\$71,646.57

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

M. Ron Spooner, P.E.
Chief of Engineering
Interim General Superintendent

AUTHORIZATION OF AMENDMENT NO. 6 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND G.E.C. INC. FOR DESIGN AND ENGINEERING SERVICES FOR THE WATER LINE REPLACEMENT PROGRAM

WHEREAS, by Resolution R-040-2012 approved on March 15, 2012, **THE SEWERAGE AND WATER BOARD OF NEW ORLEANS** (“Board”) authorized execution of a contract with **G.E.C. Inc.** (Consultant) of the Original Agreement for Consultant to provide engineering and design services for the Board’s Water Line Replacement Program (“WLRP”) for the St. Bernard Area, Fairgrounds and Bayou St. John neighborhoods at a fee not to exceed ten (10) percent of construction for design, six (6) percent for inspection and two (2) percent for supplemental services, excluding surveying services, for a sum total not to exceed eighteen (18) percent of the cost of construction, with DBA participation of 35%; and

WHEREAS, by Resolution R-157-2014 approved August 20, 2014, the Board authorized execution of Amendment No. 1 which added program/project management and design/inspection services of repair or replacement of street drainage and authorized fees to reflect the FEMA approved PWs for design construction inspection of work, not to exceed 10% of the construction cost; and

WHEREAS, by Resolution R-075-2019 approved August 21, 2019, the Board authorized execution of Amendment No. 2 which removed inspection services and supplemental services included as part of the Original Agreement, and removed project/program management services added by Amendment No. 1 from the scope of services to be provided and reduced fees accordingly, incorporated clauses that allow for fair and reasonable fees to be negotiated in accordance with State Guidelines and Cost Reasonable Analysis of the State of Louisiana, Division of Administration, Office of Facility Planning, incorporate current FEMA and Federal Requirements clauses, establish fees and rates for engineering construction services for projects RR004 Bayou St. John, Fairgrounds, Seventh Ward Group B, RR165 St. Bernard Group A and TM002 St. Bernard Avenue Transmission Main at a not to exceed fee of \$181,609.59 for a total maximum compensation not to exceed \$581,356.25 and set the contract end date at May 30, 2022; and

WHEREAS, Amendment No. 3, dated October 14, 2020 added services for RR004 Bayou St. John, Fairgrounds, Seventh Ward Group B and RR165 St. Bernard Group A at a not to exceed fee of \$256,566.89 for a total maximum compensation not to exceed \$837,923.14 and set the contract end date at June 30, 2023; and

WHEREAS, Amendment No. 4, dated December 23, 2020, established fees for engineering design services for projects RR005 Bayou St. John, Fairgrounds, Seventh Ward Group C and RR007 Bayou St. John, Fairgrounds, Seventh Ward Group E in the not to exceed amount of \$4,488.09 for a total maximum compensation not to exceed \$842,411.23; and

WHEREAS, Amendment No. 5 will establish fees for engineering construction services for RR006 Bayou St. John, Fairgrounds, Seventh Ward Group D at a not to exceed fee of \$105,120.00 for a total maximum compensation not to exceed \$947,531.23; and

WHEREAS, the Board has negotiated fees for engineering construction services for RR005 Bayou St. John, Fairgrounds, Seventh Ward Group C in the amount not to exceed \$79,759.90 and RR007 Bayou St. John, Fairgrounds, Seventh Ward Group E in the amount not to exceed \$69,961.00, amendment not to exceed \$ 149,720.90 , for a total maximum compensation not to exceed \$1,097,252.13.

NOW THEREFORE, BE IT RESOLVED, that the President or President Pro Tem of the Sewerage and Water Board is hereby authorized to execute on behalf of the Sewerage and Water Board of New Orleans Amendment No. 6 with G.E.C. Inc. for JIRR work not to exceed \$149,720.90 for the above described, and a maximum agreement value not to exceed \$1,097,252.13.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

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

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS PROFESSIONAL SERVICES FACT SHEET**



ACTION REQUESTED

Amendment to Professional Engineering Services Agreement

G.E.C. Inc. WLRP Agreement - RR005 and RR007

Request authorization for Amendment No. 6 to our WLRP Agreement for Projects RR005 Bayou St. John, Fairgrounds, Seventh Ward Group C in the amount not to Exceed \$79,759.90 and RR007 Bayou St. John, Fairgrounds, Seventh Ward Group E in the amount not to

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
G.E.C. Inc.	Trigon Associates, LLC Dragon Limited, Inc.	35.00%	17.82% 9.71%
Total		35.00%	27.53%

DESCRIPTION AND PURPOSE

Original Contract - Not to Exceed 18% Cost of C	\$0.00
Amendments 1-5	\$947,531.23
Value of Requested Amendment	\$149,720.90
Has a NTP been Issued	No
Total Revised Contract Value	\$1,097,252.13
Original Contract Completion Date	End of Construction
Previously Approved Extensions (Days)	6/30/2023
Time Extension Requested (Days)	0
Proposed Contract Completion Date	6/30/2023

Purpose and Scope of the Contract:

Per R-040-2012 on 3/15/2012 an agreement for Water Line Replacement Program (WLRP) engineering services for the following neighborhoods – St. Bernard, Fairgrounds, and Bayou St. John was executed 11/20/2012. This WLRP Agreement is FEMA reimbursible. Engineering construction services will be reimbursed through the FEMA Project Worksheet (PW) 21031 The Settlement.

Reason for Change:

Negotiate Fees <input checked="" type="checkbox"/>	Differing Site Condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <input type="checkbox"/>	

Amendment No.6 is required to capture negotiated engineering construction services fees for projects RR005 Bayou St. John, Fairgrounds, Seventh Ward Group C in the amount not to Exceed \$79,759.90 and RR007 Bayou St. John, Fairgrounds, Seventh Ward Group E in the amount not to exceed \$69,961.00.

Spending to Date:

Cumulative Contract Amount (thru No.5)	\$947,531.23
Cumulative Contract Spending (as of 2/3/2021)	\$481,683.75

Contractor's Past Performance:

The designer's timeliness of deliverables, conformance to SWBNO policies, procedures, and quality meet expectations. DBE participation will be met by Resident Inspection services during Construction.

PROCUREMENT INFORMATION

Contract Type	Professional Services	Award Base	Qualified List
Commodity	Public Works Construction	Name & FEMA PW	WLRP & 21031
Contractor Market	Public RFQ with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.) :	7/22/2021

BUDGET INFORMATION

Funding	CP 175-13	Department	JIRR
System	Water	Project Manager	Er. Susan Diehl
Job Number	A1348FEM	Purchase Order #	PG20206000076

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	100%		FEMA - 100%
Water System		\$ 149,720.90	
Drainage System			
TOTAL		\$ 149,720.90	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

 Mark D. Van Hala, P.E.
 Program Administrator
 Joint Infrastructure Recovery Request

AUTHORIZATION OF AMENDMENT NO. 6 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND MOTT MACDONALD, LLC (successor in interest to LAMBERT ENGINEERS, LLC) FOR DESIGN AND ENGINEERING SERVICES FOR THE WATER LINE REPLACEMENT PROGRAM

WHEREAS, by Resolution R-041-2012 approved March 15, 2012, **THE SEWERAGE AND WATER BOARD OF NEW ORLEANS** (“Board”) authorized execution of a contract with **LAMBERT ENGINEERS, LLC** of the Original Agreement for Consultant to provide engineering and design services for the Board’s Water Line Replacement Program (“WLRP”) for the Dillard and St. Anthony neighborhoods at a fee not to exceed ten (10) percent of construction for design, six (6) percent for inspection and two (2) percent for supplemental services, excluding surveying services, for a sum total not to exceed eighteen (18) percent of the cost of construction, with DBA participation of 40%; and

WHEREAS, by Resolution R-159-2014 approved August 20, 2014, the Board authorized execution of Amendment No. 1 which added program/project management and design/inspection services of repair or replacement of street drainage and authorized fees to reflect the FEMA approved PWs for design construction inspection of work, not to exceed 10% of the construction cost; and

WHEREAS, by that certain assignment and Assumption Agreement dated October 13, 2015 (the “Assignment”), and authorized by Board Resolution R-139-2015 approved August 19, 2015, Lambert assigned to Hatch Mott MacDonald, LLC and Hatch Mott MacDonald, LLC accepted all rights, interests and obligations, rights to payment, under the Original Agreement as amended; Hatch Mott MacDonald, LLC unconditionally assumed and bound itself to perform all obligations thereunder; and the Board agreed to same; all as more fully set forth therein; and

WHEREAS, Hatch Mott MacDonald, LLC changed its name to Mott MacDonald, LLC (Consultant), as reflected on the official records of the Louisiana Secretary of State; and

WHEREAS, Amendment No. 2, dated December 16, 2020, removed inspection services and supplemental services included as part of the Original Agreement, and remove project/program management services added by Amendment No. 1 from the scope of services to be provided and reduce fees accordingly, incorporate clauses that allow for fair and reasonable fees to be negotiated in accordance with State Guidelines and Cost Reasonable Analysis of the State of Louisiana, Division of Administration, Office of Facility Planning, incorporate current FEMA and Federal Requirements clauses, establish fees and rates for engineering construction services for projects RR031, RR032 not to exceed 133,262.50 for a total fee not to exceed \$633,107.76, and set the contract end date at June 30, 2023; and

WHEREAS, Amendment No. 3, dated March 30, 2021, established fees for engineering design services for projects RR159 St. Anthony Group A the amount of \$175,020.00 for a total fee not to exceed \$808,127.76; and

WHEREAS, Amendment No. 4 dated June 25, 2021 established fees for engineering construction services for project RR032 Dillard Group B in the amount of \$3,597.50, for a total maximum compensation not to exceed \$811,725.26; and

WHEREAS, Amendment No. 5 dated August ??, 2021 will establish fees for engineering and construction services for projects RR045 Filmore South Group D \$9,354.00, RR159 St. Anthony West Group A

\$127,683.63, RR197 West End Group E \$9,617.88, RR198 West End Group F \$30,000.00, amendment not to exceed \$176,655.51, for a total maximum compensation not to exceed \$988,380.77; and

WHEREAS, the Board has negotiated Resident Inspection fees for RR045 Filmore South Group D \$91,344.00, RR159 St. Anthony West Group A \$250,800.00, RR197 West End Group E \$171,980.00 and RR198 West End Group F \$131,599.00, amendment not to exceed \$ \$645,723.00, for a total maximum compensation not to exceed \$1,634,103.77.

NOW THEREFORE, BE IT RESOLVED, that the President or President Pro Tem of the Sewerage and Water Board is hereby authorized to execute on behalf of the Sewerage and Water Board of New Orleans Amendment No. 6 with Mott MacDonald, LLC for JIRR work not to exceed \$645,723.00 for the above described work, and for a maximum agreement value not to exceed \$1,634,103.77.

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

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

**Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS PROFESSIONAL SERVICES FACT SHEET**



ACTION REQUESTED

**Amendment 6 to Professional Engineering Services Agreement
Mott MacDonald, LLC WLRP Agreement**

Request authorization to process Amendment No. 6 for project RR159 St. Anthony Group A NTE \$250,800.00; RR197 West End Group E NTE \$171,980.00; RR045 Filmore South Group D NTE \$91,344.00; and RR198 West End Group F NTE \$131,599.00

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME	SUBS	DBE PARTICIPATION	
		TARGET	ACTUAL
Mott MacDonald, LLC (pka Lambert Engineer, LLC Hatch Mott MacDonald, LLC)	Integrated Logistical Support Inc. Rahman & Associates Inc. TNR, LLC	35.00%	
Total		35.00%	0.00%

DESCRIPTION AND PURPOSE

Original Contract - Not to Exceed 18% Cost of Construction	
Amendments 1-5	\$988,380.77
Value of Requested Work	\$645,723.00
Has a NTP been Issued	Yes
Total Revised Contract Value	\$1,634,103.77
Original Contract Completion Date	End of Construction
Previously Approved Extensions (Days)	6/30/2023
Time Extension Requested (Days)	
Proposed Contract Completion Date	6/30/2023

Purpose and Scope of the Contract:

This agreement provides engineering services for the Joint Infrastructure Recovery Request (JIRR) program in coordination with the City of New Orleans (CNO) Recovery Roads (RR) Program for St. Anthony, West End, and Dillard neighborhoods.

Reason for Change:

Negotiate Fees <input checked="" type="checkbox"/>	Differing Site Condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <input type="checkbox"/>	

Add negotiated fees for Resident Inspection of FEMA waterlines, added waterlines, and sewer lines in RR045 Filmore South Group D; RR197 West End Group F; RR198 West End Group G; and Resident Inspection of FEMA waterlines and added waterlines in RR159 St. Anthony Group A. Future amendments may be needed once projects enter the construction phase.

Spending to Date:

Cumulative Contract Amount (as of 8/17/2021)	\$988,380.77
Cumulative Contract Spending (as of 8/17/2021)	\$547,282.43

Contractor's Past Performance:

The designer's timeliness of deliverables, conformance to SWBNO policies, procedures, and quality meet expectations. DBE participation will be met by Resident Inspection services during Construction.

PROCUREMENT INFORMATION

Contract Type	Professional Services	Award Based On	Qualified List
Commodity	Public Works Construction	Name & FEMA PW	WLRP & 21031
Contractor Market	Public RFQ with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.) :	8/19/2021

BUDGET INFORMATION

Funding	CP 175-13; CP 317-06	Department	JIRR
System	Water, Sewer	Project Manager	Susan Diehl
Job Number	A1348FEM; A1370FEM; C1399WIF	Purchase Order #	PG20216000007

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	31%	\$ 200,604.80	WIFIA - 49%
Water System	69%	\$ 445,118.20	FEMA - 100%
Drainage System			
TOTAL		\$ 645,723.00	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

Mark D. Van Hala, P.E.
Program Administrator
Joint Infrastructure Recovery Request

AUTHORIZATION OF AMENDMENT NO. 3 TO THE AGREEMENT BETWEEN THE SEWERAGE AND WATER BOARD OF NEW ORLEANS AND INTEGRATED LOGISTICAL SUPPORT, INC. FOR DESIGN AND ENGINEERING SERVICES FOR THE WATER LINE REPLACEMENT PROGRAM

WHEREAS, by Resolution R-115-2015 approved June 17, 2015, **THE SEWERAGE AND WATER BOARD OF NEW ORLEANS** (“Board”) authorized execution of a contract with **Integrated Logistical Support, Inc.** (Consultant) and the Original Agreement is dated August 5, 2015. The Consultant to provide engineering and design services for the Board’s Water Line Replacement Program (“WLRP”) for the Desire Area, Desire Development, Gentilly Terrace and Milneburg neighborhoods at a fee not to exceed ten (10) percent of construction for design, six (6) percent for inspection and two (2) percent for supplemental services, excluding surveying services, for a sum total not to exceed eighteen (18) percent of the cost of construction, with DBE participation goal of 35%; and

WHEREAS, the Board executed Amendment No. 1 on May 21, 2020 that provided negotiated fees for projects RR130 Milneburg Group A and RR131 Milneburg Group B for an amendment not to exceed \$343,787.00 and total agreement not to exceed \$816,043.55, added the Settlement Clauses and set the completion date at June 30, 2023; and

WHEREAS, the Board executed Amendment No. 2 on November 10, 2020 that provided negotiated fees for projects RR131 Milneburg Group B for an amendment not to exceed \$75,348.00 and total agreement not to exceed \$891,391.55; and

WHEREAS, the Board has negotiated fees for engineering construction services for RR087 Lakeview North Group E, RR084 Lakeview North Group B, RR052 Gentilly Terrace Group B, RR088 Lakeview North Group F, and RR089 Lakeview North Group G. Amendment not to exceed \$1,758,575.00, for a total maximum compensation not to exceed \$2,649,966.55.

NOW THEREFORE, BE IT RESOLVED, that the President or President Pro Tem of the Sewerage and Water Board is hereby authorized to execute on behalf of the Sewerage and Water Board of New Orleans Amendment No. 3 with Integrated Logistical Support, Inc. for JIRR work not to exceed \$1,758,575.00, and a maximum agreement value not to exceed \$2,649,966.55

I, Ghassan Korban, Executive Director,
Sewerage and Water Board of New Orleans,
do hereby certify that the above and foregoing
is a true and correct copy of a Resolution adopted
at the Regular Monthly Meeting of said Board,
duly called and held, according to law, on
October 20, 2021.

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

Sewerage and Water Board of New Orleans
BOARD OF DIRECTORS PROFESSIONAL SERVICES FACT SHEET



ACTION REQUESTED

**Amendment 3 to Professional Engineering Services Agreement
Integrated Logistical Support, Inc. WLRP Agreement - RR084, RR087, RR088, RR052, & RR089**

Request authorization to process Amendment No. 3 for projects RR084 Lakeview North Group B NTE \$375,067.00; RR087 Lakeview North Group E NTE \$197,607.00; RR088 Lakeview North Group F NTE \$205,721.00; and future fees to be negotiated for RR052 Gentilly Terrace Group B, and RR089 Lakeview North Group G NTE \$990,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

		DBE PARTICIPATION	
PRIME	SUBS	TARGET	ACTUAL
<i>Integrated Logistical Systems, Inc.</i>	<i>Condall Consulting Group LLC Trigon Associates Infinity Engineering Consultants, LLC</i>	35.00%	
Total		35.00%	0.00%

DESCRIPTION AND PURPOSE

Original Contract - Not to Exceed 18% Cost of Construction	
Amendments 1-2	\$891,391.55
Value of Requested Work	\$1,758,575.00
Has a NTP been Issued	Yes - No
Total Revised Contract Value	\$2,649,966.55
Original Contract Completion Date	End of Construction
Previously Approved Extensions (Days)	6/30/2023
Time Extension Requested (Days)	
Proposed Contract Completion Date	6/30/2023

Purpose and Scope of the Contract:

This agreement provides engineering services for the Joint Infrastructure Recovery Request (JIIR) program in coordination with the City of New Orleans (CNO) Recovery Roads (RR) Program for Desire, Gentilly Terrace, Milneburg, and Lakeview neighborhoods.

Reason for Change:

Negotiate Fees <input checked="" type="checkbox"/>	Differing Site Condition <input type="checkbox"/>	Regulatory Requirement <input type="checkbox"/>
Design Change <input type="checkbox"/>	Other <input checked="" type="checkbox"/>	

Add negotiated fees for basic services (bid/award, construction administration, record drawings) of FEMA waterlines in RR084 Lakeview North Group B, RR087 Lakeview North Group E, and RR088 Lakeview North Group F, and Resident Inspection for both projects. Future fees under negotiation include final bid document preparation, basic services (bid/award, construction administration, record drawings) and resident inspection for RR052 Gentilly Terrace Group B, , and RR089 Lakeview North Group G.

Spending to Date:

Cumulative Contract Amount (as of 9/27/2021)	\$891,391.55
Cumulative Contract Spending (as of 8/17/2021)	\$587,563.73

Contractor's Past Performance:

The designer's timeliness of deliverables, conformance to SWBNO policies, procedures, and quality meet expectations. DBE participation will be met by Resident Inspection services during Construction.

PROCUREMENT INFORMATION

Contract Type	Professional Services	Award Based On	Qualified List
Commodity	Public Works Construction	Name & FEMA PW	WLRP & 21031
Contractor Market	Public RFQ with DBE participation		
Compliance with Procurement Laws?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CMRC Date (if nec.) :	9/30/2021

BUDGET INFORMATION

Funding	CP 175-13; CP 317-06	Department	JIRR
System	Water, Sewer	Project Manager	Susan Diehl
Job Number	A1348FEM, A1370FEM, C1399WIF	Purchase Order #	PG20206000123

ESTIMATED FUND SOURCE

User	Share%	Dollar Amount	Reimbursible?
Sewer System	37%	\$652,986.00	WIFIA - 49%
Water System	63%	\$1,105,589.00	FEMA - 100%
Drainage System			
TOTAL		\$ 1,758,575.00	

I certify that this contract action complies with all Sewerage and Water Board procurement policies and guidance, ethics rules and meets necessary regulatory requirements, including compliance with financing sources.

Mark D. Van Hala, P.E.
Program Administrator
Joint Infrastructure Recovery Request

Project Delivery Unit
Sept 2021 Closeout Snapshot

FEMA Public Assistance	# of Project Worksheets	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - St. Joseph Headquarters	20	\$ 5,601,694.51	\$ 5,182,466.98	\$ 419,227.53	93%	19	\$ 2,236,513.15	\$ 2,236,513.15	19	\$ 2,236,513.15	95%	95%	0	\$ -
Hurricane Katrina - Central Yard	42	\$ 28,139,947.74	\$ 26,173,609.39	\$ 1,966,338.35	93%	42	\$ 28,139,947.74	\$ 27,858,548.26	32	\$ 22,025,919.44	100%	76%	10	\$ 6,114,028.30
Hurricane Katrina - Wastewater Treatment Plant	128	\$ 90,803,270.37	\$ 83,014,642.92	\$ 7,788,627.45	91%	127	\$ 82,684,591.55	\$ 81,857,745.63	120	\$ 37,176,177.85	99%	94%	7	\$ 45,508,413.70
Hurricane Katrina - Carrollton Water Plant	55	\$ 76,019,829.37	\$ 67,935,783.12	\$ 8,084,046.25	89%	54	\$ 64,304,777.65	\$ 63,661,729.87	51	\$ 13,730,451.46	98%	93%	3	\$ 50,574,326.19
Hurricane Katrina - Distribution Network	27	\$ 192,430,132.29	\$ 181,225,810.33	\$ 11,204,321.96	94%	25	\$ 114,411,682.59	\$ 113,267,565.76	18	\$ 30,028,021.61	93%	67%	7	\$ 84,383,660.98
Hurricane Katrina - Pump Stations	166	\$ 81,286,159.38	\$ 73,127,649.59	\$ 8,158,509.79	90%	163	\$ 80,495,346.21	\$ 79,690,392.75	144	\$ 58,844,680.54	98%	87%	19	\$ 21,650,665.67
Hurricane Gustav	9	\$ 667,553.90	\$ 668,689.06	\$ (1,135.16)	100%	9	\$ 667,553.90	\$ 660,878.36	8	\$ 665,778.64	100%	89%	1	\$ 1,775.26
Hurricane Isaac	8	\$ 1,459,598.43	\$ 955,019.44	\$ 504,578.99	65%	7	\$ 1,554,775.01	\$ 1,539,227.26	2	\$ 7,391.29	88%	25%	5	\$ 1,547,383.72
Tropical Storm Nate	2	\$ 439,728.39	\$ 346,207.41	\$ 93,520.98	79%	1	\$ 439,728.39	\$ 435,331.11			50%	0%	1	\$ 439,728.39
Hurricane Barry	2	\$ 947,134.10	\$ 5,625.10	\$ 941,509.00	1%		\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Sally	1	\$ 15,767.10	\$ 14,781.65	\$ 985.45	94%	1	\$ 14,781.65	\$ 14,781.65	1	\$ 14,781.65	0%	100%	0	
Total	460	\$ 477,810,815.58	\$ 438,650,284.99	\$ 39,160,530.59	92%	448	\$ 374,949,697.84	\$ 371,222,713.81	395	\$ 164,729,715.63	97%	86%	53	\$ 210,219,982.21

FEMA Joint Infrastructure	# of Project Worksheets	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - JIRR settlement	2	\$268,448,968.15	\$ 39,298,746.15	\$ 229,150,222.00	15%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Katrina - JIRR Donors	53	\$ 67,021,146.37	\$ 54,387,568.41	\$ 12,633,577.96	81%	41	\$ 47,071,794.13	\$ 46,601,076.19	8	\$ 680,885.32	77%	15%	33	\$ 46,390,908.81
Total	55	\$ 335,470,114.52	\$ 93,686,314.56	\$ 241,783,799.96	28%	41	\$ 47,071,794.13	\$ 46,601,076.19	8	\$ 680,885.32	75%	15%	33	\$ 46,390,908.81

FEMA Hazard Mitigation Grant Program	# of Contracts	FEMA Obligated	FEMA Revenue Received per LAHM	FEMA Obligation Balance	% Financially Complete	# of Contracts Completed	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - Retrofit of Power House	17	\$166,795,389.00	\$ 131,805,316.45	\$ 34,990,072.55	79%	11	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Katrina - Flood Mitigation of 9 SPS	9	\$ 19,987,722.00	\$ 19,299,825.10	\$ 687,896.90	97%	9	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Ike - Five Underpass Generators	1	\$ 988,658.00	\$ 839,129.23	\$ 149,528.77	85%	1	\$ -	\$ -	0	\$ -	100%	0%	0	\$ -
Total	27	\$ 187,771,769.00	\$ 151,944,270.78	\$ 35,827,498.22	81%	21	\$ -	\$ -	0	\$ -	78%	0%	0	\$ -

TOTALS as of 7.30.21	FEMA Obligated	FEMA Revenue Received	FEMA Obligation Balance
	\$ 1,001,052,699.10	\$ 684,280,870.33	\$ 316,771,828.77

Project Delivery Unit
July 2021 Closeout Snapshot

FEMA Public Assistance	# of Project Worksheets	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - St. Joseph Headquarters	20	\$ 5,601,694.51	\$ 5,182,466.98	\$ 419,227.53	93%	19	\$ 2,236,513.15	\$ 2,236,513.15	19	\$ 2,236,513.15	95%	95%	0	\$ -
Hurricane Katrina - Central Yard	42	\$ 28,139,947.74	\$ 26,173,609.39	\$ 1,966,338.35	93%	42	\$ 28,139,947.74	\$ 27,858,548.26	32	\$ 22,025,919.44	100%	76%	10	\$ 6,114,028.30
Hurricane Katrina - Wastewater Treatment Plant	128	\$ 90,803,270.37	\$ 83,014,642.92	\$ 7,788,627.45	91%	127	\$ 82,684,591.55	\$ 81,857,745.63	120	\$ 37,176,177.85	99%	94%	7	\$ 45,508,413.70
Hurricane Katrina - Carrollton Water Plant	55	\$ 76,019,829.37	\$ 67,935,783.12	\$ 8,084,046.25	89%	54	\$ 64,304,777.65	\$ 63,661,729.87	51	\$ 13,730,451.46	98%	93%	3	\$ 50,574,326.19
Hurricane Katrina - Distribution Network	27	\$ 192,430,132.29	\$ 181,225,810.33	\$ 11,204,321.96	94%	25	\$ 114,411,682.59	\$ 113,267,565.76	18	\$ 30,028,021.61	93%	67%	7	\$ 84,383,660.98
Hurricane Katrina - Pump Stations	166	\$ 81,286,159.38	\$ 73,127,649.59	\$ 8,158,509.79	90%	160	\$ 79,985,972.17	\$ 79,186,112.45	144	\$ 58,844,680.54	96%	87%	16	\$ 21,141,291.63
Hurricane Gustav	9	\$ 667,553.90	\$ 668,689.06	\$ (1,135.16)	100%	9	\$ 667,553.90	\$ 660,878.36	8	\$ 665,778.64	100%	89%	1	\$ 1,775.26
Hurricane Isaac	8	\$ 1,459,598.43	\$ 955,019.44	\$ 504,578.99	65%	7	\$ 1,554,775.01	\$ 1,539,227.26	2	\$ 7,391.29	88%	25%	5	\$ 1,547,383.72
Tropical Storm Nate	2	\$ 439,728.39	\$ 346,207.41	\$ 93,520.98	79%	1	\$ 439,728.39	\$ 435,331.11			50%	0%	1	\$ 439,728.39
Hurricane Barry	2	\$ 947,134.10	\$ 5,625.10	\$ 941,509.00	1%		\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Sally	1	\$ 15,767.10	\$ 14,781.65	\$ 985.45	94%	1	\$ 14,781.65	\$ 14,781.65	1	\$ 14,781.65	0%	100%	0	
Total	460	\$ 477,810,815.58	\$ 438,650,284.99	\$ 39,160,530.59	92%	445	\$ 374,440,323.80	\$ 370,718,433.51	395	\$ 164,729,715.63	97%	86%	50	\$ 209,710,608.17

FEMA Joint Infrastructure	# of Project Worksheets	FEMA Obligated	FEMA Revenue Received per LAPA	FEMA Obligation Balance	% Financially Complete	# of Projects Submitted for Closeout	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - JIRR settlement	2	\$268,448,968.15	\$ 29,479,741.50	\$ 238,969,226.65	11%	0	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Katrina - JIRR Donors	53	\$ 67,021,146.37	\$ 54,370,436.50	\$ 12,650,709.87	81%	41	\$ 47,071,794.13	\$ 46,601,076.19	8	\$ 680,885.32	77%	15%	33	\$ 46,390,908.81
Total	55	\$ 335,470,114.52	\$ 83,850,178.00	\$ 251,619,936.52	25%	41	\$ 47,071,794.13	\$ 46,601,076.19	8	\$ 680,885.32	75%	15%	33	\$ 46,390,908.81

FEMA Hazard Mitigation Grant Program	# of Contracts	FEMA Obligated	FEMA Revenue Received per LAHM	FEMA Obligation Balance	% Financially Complete	# of Contracts Completed	OBLIGATED Value of Projects Submitted for Closeout	POTENTIAL Value of Projects Submitted to Closeout	# of Projects Officially Closed	OBLIGATED Value of Projects Officially Closed	% Submitted	% Closed	# of Projects Submitted but Not Officially Closed	OBLIGATED Value of Projects Submitted but Not Officially Closed
Hurricane Katrina - Retrofit of Power House	17	\$166,795,389.00	\$ 128,533,358.47	\$ 38,262,030.53	77%	11	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Katrina - Flood Mitigation of 9 SPS	9	\$ 19,987,722.00	\$ 19,299,825.10	\$ 687,896.90	97%	9	\$ -	\$ -	0	\$ -	0%	0%	0	\$ -
Hurricane Ike - Five Underpass Generators	1	\$ 988,658.00	\$ 839,129.23	\$ 149,528.77	85%	1	\$ -	\$ -	0	\$ -	100%	0%	0	\$ -
Total	27	\$ 187,771,769.00	\$ 148,672,312.80	\$ 39,099,456.20	79%	21	\$ -	\$ -	0	\$ -	78%	0%	0	\$ -

TOTALS as of 7.30.21	FEMA Obligated	FEMA Revenue Received	FEMA Obligation Balance
	\$ 1,001,052,699.10	\$ 671,172,775.79	\$ 329,879,923.31



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: August 5, 2021

To: Tanyell Allen,
Board Relations

Through: Ghassan Korban,
SWBNO Executive Director

From: Cashanna K Moses
Purchasing Department

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

1. APEC Construction Group, LLC
2424 Edenborn Avenue
Metairie, LA 70001
 - Repair interior wall finish at east walls of rooms 240, 247, 249
 - Effective Date: July 6, 2021
 - Initial Term: Completed within 90 days from effective date
 - Extension: None
 - Compensation: \$18,730.00
 - DBE Goal: 0%
2. Entergy New Orleans, LLC
639 Loyola Avenue
New Orleans, LA 70113
 - System impact study
 - Effective Date: July 1, 2021
 - Initial Term: Completed 45 days from effective date
 - Extension: None
 - Compensation: \$15,000.00
 - DBE Goal: 0%
3. EME Consulting Group
P.O. Box 221
Destrehan, LA 70047
 - EDBP Support Services
 - Effective Date: July 23, 2021
 - Initial Term: 1 year
 - Extension: Two (2) additional one (1) year terms
 - Compensation: \$14,000.00
 - DBE Goal:



SEWERAGE AND WATER BOARD

Inter-Office Memorandum

Date: September 3, 2021

To: Ghassan Korban, Executive Director

From: Irma Plummer, EDBP Director



Re: EDBP Department Summary – July, August and September 2021

ANALYSES CONDUCTED BY EDBP

For the months of July, August and September 2021, the EDBP Department received one (1) Goods and Services contract to review.

Furnishing Brass Water Service Fittings – REQ NO. YW21-0073

On Thursday, September 23, 2021 two (2) bids were received for subject contract. The bid total is as follows:

Cimsco Inc.	\$1,353,050.00
A.Y. McDonald Mfg. Co.	\$ 622,799.00

Five percent (5%) DBE participation was requested on this contract.

Cimsco Inc., the highest bidder, submitted EFT Diversified, (Eligible – Certified SLDBE) to provide services. Signed correspondence from the DBE on its letterhead reaffirming negotiated terms was not provided.

Total Participation: \$70,000 – 5%

A.Y. McDonald Mfg. Co., the lowest bidder, submitted Choice Supply Solutions (Eligible – Certified SLDBE) to provide services. Signed correspondence from the DBE on its letterhead reaffirming negotiated terms was provided.

Total Participation: \$44,575 – 7%

Based upon analysis of SLDBE participation, the Economically Disadvantaged Business Program recommends the SLDBE participation submitted by **A.Y. McDonald Mfg. Co.** be accepted as responsive to meeting EDBP bid requirements and recommends the SLDBE participation submitted **Cimsco Inc.** be accepted as non-responsive to meeting EDBP bid requirements.

For the month of July, August and September 2021, the EDBP Department received two (2) Professional Services contracts to review.

REQUEST FOR PROPOSAL - PROFESSIONAL ENGINEERING, CONSTRUCTION ADMINISTRATION, AND INSPECTION SERVICES FOR WEST POWER COMPLEX

On Tuesday, July 13, 2021, four (4) proposals were received for subject project. The respondents are as follows:

Arcadis Consulting	75.80/100 pts
Jacobs Engineering	80.00/100 pts
AECOM Technical Services, Inc.	80.20/100 pts
Powers Engineers, Inc.	86.00/100 pts

The highest evaluated score was from **Power Engineers, Inc.** with a total score of 86.00 out of 100 possible points.

Thirty-five percent (35%) SLDBE participation goal was requested on subject proposal.

Power Engineers, Inc. submitted Infinity Engineering Consultants, LLC (Eligible – Certified SLDBE) to provide planning, design services, and construction administration; WDG, LLC (Eligible – Certified SLDBE) to provide planning, design services, and construction administration; and APS Engineering and Testing, LLC (Eligible – Certified SLDBE) to provide design services and on-site inspection services. Signed correspondence from each DBE on its letterhead reaffirming negotiated terms was provided.

Total Participation: - 35%

AECOM Technical Services, Inc. submitted Infinity Engineering Consultants, LLC (Eligible – Certified SLDBE) to perform electrical and mechanical engineering and associated engineering work. Signed correspondence from the DBE on its letterhead reaffirming negotiated terms was provided.

Total Participation: - 35%

Jacobs Engineering submitted Infinity Engineering Consultants, LLC (Eligible – Certified SLDBE) to provide engineering services and Integrated Logistical Support, Inc. (Eligible – Certified SLDBE) to provide engineering services and construction inspection. Signed correspondence from each DBE on its letterhead reaffirming negotiated terms was provided.

Total Participation: - 35%

Arcadis-IS, Inc. submitted Pivotal Engineering, LLC (Eligible – Certified SLDBE) to provide power and electrical engineering design. Signed correspondence from the DBE on its letterhead reaffirming negotiated terms was provided.

Total Participation: - 35%

Based on analysis of the SLDBE participation submitted, the Economically Disadvantaged Business Program recommends that the SLDBE participation submitted by **Power Engineers,**

Inc., AECOM, Jacobs Engineering and Arcadis-IS, Inc. be considered responsive to meeting EDBP proposal requirements.

REQUEST FOR PROPOSAL - ON-CALL WATER VALVE SERVICES

On Thursday, August 5, 2021, one (1) proposal was received for subject project. The respondent is as follows:

Pure Technologies U.S. Inc. DBA Wachs Water Services	92/100 pts
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The only evaluated score was from **Wachs Water Services** with a total score of 92 out of 100 possible points.

Thirty-five percent (35%) SLDBE participation goal was requested on subject proposal.

Wachs Water Services submitted Fulcrum Enterprise (Eligible – Certified SLDBE) to provide professional and technical services. Signed correspondence from the DBE on its letterhead reaffirming negotiated terms was provided.

Total Participation: - 35%

Based on analysis of the SLDBE participation submitted, the Economically Disadvantaged Business Program recommends that the SLDBE participation submitted by **Wachs Water Services** be considered responsive to meeting EDBP proposal requirements.

For the months of July, August and September 2021, the EDBP Department received four (4) Construction contracts to review.

CONTRACT #2150 – LEONIDAS & FIG TRANSMISSION, TM006

On Thursday, August 5, 2021, two (2) bids were received for subject contract. The bid totals are as follows:

Wallace C. Drennan, Inc.	\$15,866,180.80
BLD Services, LLC	\$19,718,651.00

Five percent (5%) DBE participation was established for this project.

The apparent lowest bidder, **Wallace C. Drennan, Inc.**, submitted Choice Supply Solutions (eligible certified SLDBE) to supply valves, pipes, pipe fittings, and other materials. Signed correspondence from DBE on its letterhead reaffirming negotiated terms was provided.

Total Participation: \$840,907.58 – 5.30%

The apparent second lowest bidder, **BLD Services, LLC**, submitted C&M Construction Group, Inc (eligible certified SLDBE) to perform asphalt paving and concrete patching. Signed correspondence from DBE on its letterhead reaffirming negotiated terms was provided.

Total Participation: \$1,435,336.50 – 7.28%

Based upon analysis of DBE participation, the Economically Disadvantaged Business Program recommends that the DBE participation submitted by **Wallace C. Drennan, Inc.**, and **BLD Services, LLC**, be considered as responsive to meeting EDBP bid requirements.

CONTRACT #5249 – STATION D SUPPORT REPAIR/REINFORCEMENT OF SOUTH CRANE RAILS

On Friday, August 6, 2021, two (2) bids were received for subject contract. The bid totals are as follows:

Lou-Con, Inc.	\$345,500.00
M.R. Pittman Group, LLC	\$638,700.00

Thirty-six percent (36%) DBE participation was established for this project.

The apparent lowest bidder, **Lou-Con, Inc.**, submitted the following subcontractors:

The Beta Group, LLC (eligible certified SLDBE) to perform scanning and miscellaneous testing
Participation: \$10,000.00 – 2.89%

J. Star Enterprises, Inc. (eligible certified SLDBE) to form and pour pilasters
Participation: \$80,000.00 – 23.15%

RLH Construction, LLC (eligible certified SLDBE) to furnish and spread sand and aggregate
Participation: \$40,000.00 – 11.58%

Signed correspondence from all DBEs on their letterhead reaffirming negotiated terms was provided.

Total Participation: \$130,000.00 – 37.63%

The apparent second lowest bidder, **M.R. Pittman Group, LLC**, did not submit a Participation Summary Sheet.

Based upon analysis of DBE participation, the Economically Disadvantaged Business Program recommends that the DBE participation submitted by **Lou-Con, Inc.**, be considered as responsive, and **M.R. Pittman Group, LLC** be considered as non-responsive to meeting EDBP bid requirements.

Contract #30238 – Restoration of Existing Gravity Flow Sanitary Sewers by Excavation and Replacement from Manhole-to-Manhole, CIPP Lining from Manhole-to-Manhole, CIPP Lining of Service Laterals and Point Repair at Various Sites throughout the City of New Orleans

On Monday, September 27, 2021, two (2) bids were received for subject contract. The bid totals are as follows:

Wallace C. Drennan, Inc.	\$ 5,188,390.00
Boh Bros. Construction Co., LLC	\$ 5,424,865.00

Thirty-six percent (36%) DBE participation was established for this contract.

The apparent lowest bidder, **Wallace C. Drennan, Inc.**, submitted the following subcontractors:
C&M Construction Group, Inc. (eligible certified SLDBE) to perform Municipal and Public Works Construction; Fencing; Concrete and Asphalt
Participation: \$1,300,000.00 – 25.06%

Choice Supply Solutions (eligible certified SLDBE) Material Supplier of Industrial Pipe Fittings, valves, hydrants, and all associated products. Construction Material Wholesaler
Participation: \$330,000.00 – 6.36%

Prince Dump Truck Services, LLC (eligible certified SLDBE) to furnish and spread sand and aggregate materials, trucking and hauling services
Participation: \$390,000.00 – 7.52%

Signed correspondence from DBEs on their letterhead reaffirming negotiated terms was provided.

Total Participation: \$2,020,000.00 – 38.93%

The apparent second lowest bidder, **Boh Bros. Construction Co., LLC**, submitted the following subcontractors:

C&M Construction Group, Inc. (eligible certified SLDBE) to perform asphalt
Participation: \$1,021,700.00 – 18.83%

Trucking Innovation, LLC (eligible certified SLDBE) to perform trucking
Participation: \$806,019.69 – 14.86%

Industry Junction, Inc. (eligible certified SLDBE) to supply plumbing supplies
Participation: \$248,766.07 – 4.59%

Signed correspondence from DBEs on their letterhead reaffirming negotiated terms was provided.

Total Participation: \$2,076,485.76 – 38.28%

Based upon analysis of DBE participation, the Economically Disadvantaged Business Program recommends that the DBE participation submitted by **Wallace C. Drennan, Inc.**, and **Boh Bros. Construction Co., LLC** be considered as responsive to meeting EDBP bid requirements.

Contract #1376 – High Lift Pump Room and Panola Pump Station Improvements

On Wednesday, September 29, 2021, one (1) bid was received for subject contract. The bid total is as follows:

M.R. Pittman Group, LLC	\$20,130,000.00
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Twenty-five percent (25%) DBE participation was requested on this contract.

The sole bidder, **M.R. Pittman Group, LLC**, submitted the following subcontractors:

The Beta Group Engineering and Construction Services, LLC. (eligible certified SLDBE) to perform Construction Material Testing and Lab services
Participation: \$90,000.00 – 00.45%

Choice Supply Solutions (eligible certified SLDBE) to furnish valves and valve actuators
Participation: \$2,424,864.75 – 12.05%

Landrieu Concrete and Cement Industries (eligible certified SLDBE) to manufacture and supply of ready-mix concrete
Participation: \$50,000.00 – 00.25%

Industry Junction, Inc. (eligible certified SLDBE) to supply 36” tapping valve/nuts/bolts/gasket sets and miscellaneous plumbing supplies
Participation: \$540,000.00 – 2.68%

Chester Electric, LLC (eligible certified SLDBE) to perform mechanical work; install line stops
Participation: \$1,977,806.00 – 9.83%

Signed correspondence from DBEs on their letterhead reaffirming negotiated terms was provided.

Total Participation: \$5,082,670.75 – 25.25%

Based upon analysis of DBE participation, the Economically Disadvantaged Business Program recommends that the DBE participation submitted by **M.R. Pittman Group, LLC**, be considered as responsive to meeting EDBP bid requirements.

CONSTRUCTION REVIEW COMMITTEE RECOMMENDATIONS

The Construction Review Committee convened on Thursday, July 15, 2021 where the following recommendations were made.

1) Contract #1419 Combustion Turbine Generator 7 Equipment Purchase

Budget Amount:	\$18,000,000.00
Renewal Option(s):	None
Recommended Percentage Goal:	0%
Justification:	No subdivision of tasks; no opportunity for subcontracting for DBEs.

2) Contract #30238 Excavation and Replacement, CIPP Lining of Service Laterals and Point Repairs

Budget Amount:	\$4,000,000.00
Renewal Option(s):	Two (2) One-year renewal options
Recommended Percentage Goal:	36%
Justification:	N/A

The Construction Review Committee convened on Thursday, August 13, 2021 where the following recommendations were made.

1) Contract #8166 Repaving Open Cuts in Driveways and Sidewalks Resulting from the Repair to the Sewerage and Water Board of New Orleans Underground Utilities

Budget Amount:	\$995,400.00
Renewal Option(s):	Two (2) One-year renewal options
Recommended Percentage Goal:	36%
Justification:	N/A

The Construction Review Committee convened on Thursday, September 30, 2021 where the following recommendations were made.

1) Contract #5250

DPS #12 ANTI-SIPHON PROJECT

Budget Amount:	\$430,911.00
Renewal Option(s)	None
Recommended Percentage Goal:	None

STAFF CONTRACT REVIEW COMMITTEE RECOMMENDATIONS

The Staff Contract Review Committee convened on Thursday, July 15, 2021 where the following recommendations were made:

Open Market Contracts

1) Request for Furnishing a Key-Seater (Broaching Machine) and 22-inch Saw for Metal Fabrication for Facility Maintenance Machine Shop

Budget Amount:	\$216,000.00
Renewal Option(s):	N/A
Recommended Percentage Goal:	0%
Justification:	One-time purchase

Renewal Contracts

1) Renewal Contract for Furnishing Hoses and Accessories

Budget Amount:	\$350,000.00
Renewal Option:	First of two (2) renewal options
Amount Spent:	\$61,750.00
Percentage Goal:	5%
Goal Achieved:	5.6%
Prime Contractor:	Atlas Hose & Gasket

2) Renewal Contract for Furnishing Full Circle Stainless Steel Repair & Tap Clamps

Budget Amount:	\$350,000.00
Renewal Option:	First of two (2) renewal options
Amount Spent:	\$90,391.00
Percentage Goal:	0%
Goal Achieved:	0%
Prime Contractor:	Ferguson Enterprises DBA LUSCO

3) Renewal Contract for Furnishing Hot Mix Asphalt

Budget Amount:	\$200,000.00
Renewal Option:	First of two (2) renewal options
Amount Spent:	\$73,143.00
Percentage Goal:	0%
Goal Achieved:	0%
Prime Contractor:	Barriere Co.

4) Renewal Contract for Furnishing Safety Supplies

Budget Amount:	\$200,000.00
Renewal Option:	First of two (2) renewal options
Amount Spent:	\$38,750.00
Percentage Goal:	30%
Goal Achieved:	32.4
Prime Contractor:	Southeast Safety & Supply

5) Renewal Contract for Furnishing Insurance Broker Services

Budget Amount:	\$49,500
Renewal Option:	First of five (5) renewal options
Amount Spent:	\$41,250.00
Percentage Goal:	35%
Goal Achieved:	40.45%
Prime Contractor:	Eagan Insurance Agency

The Staff Contract Review Committee convened on Thursday, August 12, 2021 where the following recommendations were made:

Open Market Contract

**1) Request for Furnishing Commercial Water Meters and Related Devices Contract
MH210019**

Budget Amount:	\$300,000.00
Renewal Option(s):	Initial term of One (1) year with two (1) one-year renewal options
Recommended Percentage Goal:	0%
Justification:	No subcontracting opportunities due to the specialized nature of manufacturing and the limited number of existing manufacturers.

Renewal Contract

**1) Request for Services to Repair and Maintain Engineering Building A/C Systems No.
PM21022**

Budget Amount:	\$55,000.00
Renewal Option:	First of two renewal options
Amount Spent:	\$2,666.67
Percentage Goal:	0%
Prime Contractor:	TRUX Air Conditioning, Inc.

The Staff Contract Review Committee convened on Thursday, September 30, 2021 where the following recommendations were made:

Open Market Contracts

1) Request for Procurement of Boiler Feed Pumps for Boiler Room MS210176

Budget Amount:	\$800,000.00
Renewal Option(s):	N/A
Recommended Percentage Goal:	0%

2) Request for Proposals – Third Party Administrator

Budget Amount:	\$1,764,386.00
Renewal Option(s):	Initial term of One (1) year with four (4) one-year renewal options
Recommended Percentage Goal:	0%
Justification:	Services to do not lend themselves to DBE participation

Renewal Contracts

1) Renewal of Contract for Furnishing Fluorosilicic Acid - Requisitions AL200028 & CM200031

Budget Amount:	\$300,000.00
Renewal Option:	First of one (1) renewal option
Amount Spent:	\$256,000.00
Percentage Goal:	0%
Prime Contractor:	Pencoco, Inc.

2) Renewal of Contract for Furnishing Appraisal Service

Budget Amount:	\$195,000.00
Renewal Option:	First of one (1) year renewal option
Amount Spent:	\$111,428.57
Percentage Goal:	0%
Prime Contractor:	BBG, Inc

CONSTRUCTION RENEWAL CONTRACTS with DBE PARTICIPATION

There were no construction renewal projects with a DBE Participation Goal to review for the month of July, August and September 2021.

FINAL ACCEPTANCE CONSTRUCTION CONTRACTS with DBE PARTICIPATION

There were no final acceptance construction contracts with a DBE participation goal to review for the months of July and September 2021.

There was one final acceptance construction contract with a DBE participation goal to review for the month of August 2021.

1) Contract #1404 – Algiers Water Purification Improvements

DBE Goal:	35%
DBE Participation Achieved:	39.17
Prime Contractor:	Max Foote Construction Company, Inc.
Closeout Date:	August 2021

EDBP accepts the DBE participation and recommends approval for Final Acceptance.

SEWERAGE & WATER BOARD OF NEW ORLEANS CONTRACTS WITH DBE PARTICIPATION

There was one (1) contract with DBE participation awarded for the month of July, August and September 2021.

Sewerage & Water Board New Orleans Awarded Projects with SLDBE Participation January 2021 - September 2021

Category	Category Dollar Amount	SLDBE Dollar Value
Goods & Services Projects	\$ -	\$ -
Professional Services Projects	\$ 5,668,433	\$ 1,436,901
Construction Projects	\$ 11,609,166	\$ 2,944,301
Grand Total	\$ 17,277,599	\$ 4,381,202

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2021 - September 2021

Goods & Services Projects

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	Award date
Total Goods & Services Projects							
		\$0.00			0%	\$0.00	

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2021 - September 2021

Professional Services Projects

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	Award date
Consulting Services for the Manging the Preparation, Selection, and Implementation of An Advance Metering Infrastructure Solution	35%	\$4,105,431.00	Jacobs Engineering Group, Inc.	1) Bright Moments 2) Gaea Consultants, LLC 3) Integrated Logistical Support, Inc. DBA ILSI Engineering	35.00%	\$1,436,900.85	2/10/2021
Construction Materials Testing and Observation Services South Shore Sewer Rehabilitation No.1 (Contract 30213)	25%	\$31,696.95	Eustis Engineering, LLC		25.00%		3/9/2021
Bayou Saint John Green Infrastructure Demonstration Project	5%	\$361,000.00	Dana Brown and Associates, Inc.	Adaptation Strategies	15.00%		4/7/2021
H2O Academy - Employee Development and Training	35%	\$872,305.00	Fazande Consulting, LLC	The Hackett Group; The Caulfield Consulting Group	35%		4/23/2021
Professional Services Agreement	15%	\$50,000.00	Mouledoux, Bland, Legrand & Brackett, LLC		15%		4/20/2021
Professional Services Agreement	15%	\$50,000.00	Butler Law Firm, LLC		15%		4/23/2021
Utility Strategic Planning	5%	\$198,000.00	Raftelis Financial Consultants, Inc.	Square Button Consulting, LLC	5.00%		6/18/2021
Total Professional Services Projects	19%	\$5,668,432.95			21%	\$1,436,900.85	

Sewerage & Water Board of New Orleans Open Market Bids with DBE Participation January 2021 - September 2021

Construction Projects

Contract No./Description	%DBE Goal	Contract \$	Prime	Sub(s)	% DBE Part (Prime)	\$ Sub Award	Award date
Cont #6267: Turbine 5 Exhaust System Fabrication and Installation	10%	\$ 2,218,500.00	M.R. Pittman Group, LLC	JEI Solutions, Inc.	0.68%	\$ 15,000.00	1/20/2021
				GreenPoint Engineering, LLC	3.49%	\$ 77,355.00	
				The Three C's Properties, Inc.	5.58%	\$ 123,840.00	
				Industry Junction, Inc.	0.58%	\$ 12,906.00	
				Total	10.33%	\$ 229,101.00	
Cont #2152; Gert Town Waterline Replacement Program – S. Dupree St, TM004, PW21031	15%	\$ 2,419,891.00	BLD Services, LLC	C&M Construction Group, Inc.	13.17%	\$ 318,700.00	3/17/2021
				Prince Dump Truck Service, LLC	2.13%	\$ 51,500.00	
				Total	15.30%	\$ 370,200.00	
Cont #2151; St. Bernard Transmission Main, RRTM002	26%	\$ 2,093,638.00	Wallace C. Drennan, Inc.	Choice Supply Solutions, LLC	24.12%	\$ 505,000.00	4/21/2021
				Prince Dump Truck Service, LLC	1.91%	\$ 40,000.00	
				Total	26.03%	\$ 545,000.00	
Cont #30237; Restoration of Gravity Flow Sanitary Sewer Mains by Point Repair at Various Sites throughout Orleans Parish	36%	\$ 4,877,137.00	Wallace C. Drennan, Inc.	C&M Construction Group, Inc.	28.71%	\$ 1,400,000.00	6/16/2021
				Prince Dump Truck Service, LLC	8.20%	\$ 400,000.00	
				Total	36.91%	\$ 1,800,000.00	
Total Construction Projects		\$ 11,609,166.00			25.36%	\$2,944,301.00	